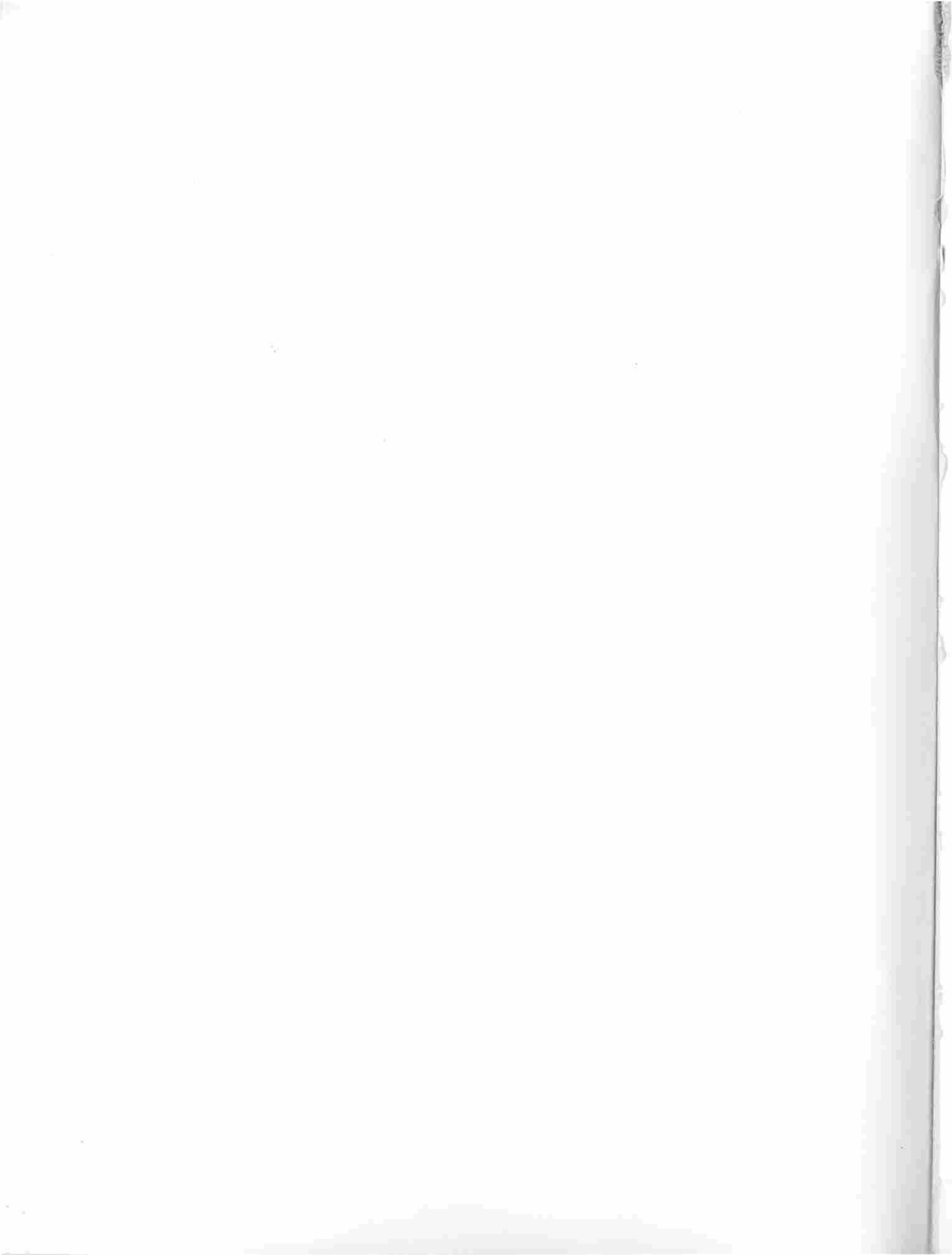


Index–Catalogue of Medical and Veterinary Zoology

Supplement 24, Part 6

**Parasite-Subject Catalogue
Subject Headings: A to I**

ORYX PRESS



Index–Catalogue of Medical and Veterinary Zoology

Supplement 24, Part 6

Parasite-Subject Catalogue Subject Headings: A to I

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**ORYX PRESS
1982**

The rare Arabian Oryx is believed to have inspired the myth of the unicorn. This desert antelope became virtually extinct in the early 1960s. At that time several groups of international conservationists arranged to have 9 animals sent to the Phoenix Zoo to be the nucleus of a captive breeding herd. Today the Oryx population is nearing 300 and herds have been returned to reserves in Israel, Jordan, and Oman.

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Suppl. 24
no. 6

Compiled by Animal Parasitology Institute, Agriculture Research Service, U.S. Department of Agriculture

Published by The Oryx Press
2214 North Central at Encanto
Phoenix, AZ 85004

ISSN 0094-4556

ISBN 0-89774-051-3 (Set)
ISBN 0-89774-057-2 (Part 6A)

PREFACE

The Index-Catalogue of Medical and Veterinary Zoology is an index to the world's literature on animal parasites of animals, including man. It has been maintained in cumulative files since 1892. Only the Author Catalogue has been published in its entirety. A revision of the Author Catalogue of the Index-Catalogue of Medical and Veterinary Zoology, consisting of Parts 1 to 18, was published during the period 1932-52. Beginning in 1953, a series of supplements designed to publish the backlog was initiated. This was completed with Supplement 6, published in 1956. From 1956 to 1964, supplements covering authors A to Z were issued on annual basis.

Beginning with Supplement 15, the Parasite-Subject Catalogues, containing indices to the author references, have been issued. The Author Catalogues of Supplements 15-21 continued the format of previous supplements. Users should note that for each reference in the Author Catalogues of these supplements the author(s) plus the date and letter (e.g., Smith, J.; and Doe, L., 1978 b) are the key to all items in the Parasite-Subject Catalogues derived from that reference. In other words, when using the Parasite-Subject Catalogues of Supplements 15-21, it is necessary to consult the Author Catalogue of the corresponding supplement for complete bibliographic information.

Commencing with Supplement 22, basic bibliographic information is included with each entry in Parts 2-7. It should be emphasized, however, that it will still be useful to consult the Author Catalogue for a variety of other information that may be found there: Title of the reference, translated title, language of text and summaries, published corrections, related references by the same author, and other miscellaneous information.

Each supplement consists of the following parts:

- Part 1, Authors: A-Z
- Part 2, Parasite-Subject Catalogue: Parasites: Protozoa
- Part 3, Parasite-Subject Catalogue: Parasites: Trematoda and Cestoda
- Part 4, Parasite-Subject Catalogue: Parasites: Nematoda and Acanthocephala
- Part 5, Parasite-Subject Catalogue: Parasites: Arthropoda and Miscellaneous Phyla
- Part 6, Parasite-Subject Catalogue: Subject Headings and Treatment
- Part 7, Parasite-Subject Catalogue: Hosts

Users should bear in mind that this is an Index-Catalogue, not a treatise, and should not expect to find reasons for any given entry. Nor does citing of synonymy mean that it is necessarily correct. The same statement holds for hosts, locations, localities, authorship of taxa, designation of new taxa, etc. These items are cited as given by the author(s) of the publication being indexed.

The information included in any given supplement represents only the publications that have been indexed in that supplement; and therefore, exclusion of, or limited entries for, any given author or parasite has no significance. No pretension is made for completeness, and assistance in correcting errors or obtaining additional information is appreciated. Reprints of papers on parasitology are requested.

This edition of the index catalogue is compiled, as usual, by the Animal Parasitology Institute, Agriculture Research Service, U.S. Department of Agriculture, but is published in hard copy by The Oryx Press.

Shirley J. Edwards, Editor

EXPLANATORY NOTE

Author Catalogue

The Author Catalogue (Part 1 of each supplement) contains full bibliographic information for each publication indexed during the compilation of that supplement. A symbol for the library from which the original publication may be obtained is given at the end of each entry; e.g., Wa = National Agricultural Library, Beltsville, Maryland; Wm = National Library of Medicine, Bethesda, Maryland; Wc = Library of Congress, Washington, D.C.; etc. A key to these library symbols may be found in Supplements 10 and 20. A list of serial abbreviations new to our files is published at the beginning of each Author Catalogue.

Parasite Catalogues

The Parasite Catalogues (Parts 2–5 of each supplement) are divided by parasite phyla (Protozoa, Trematoda, etc.). They are arranged alphabetically by genera, parasitic diseases, and higher taxa and then alphabetically by species within genera. Entries under each heading are in turn arranged alphabetically by authors and then chronologically for each author. Each entry consists of the name of the parasite or parasitic disease, the author(s) of the publication, date, abbreviated title of the publication, volume, number, inclusive pages, library symbol, and a subheading. Illustrations of parasites are indicated by the word *illus.* following the name of the parasite.

Entry term → *Fasciola hepatica*, *illus.*

Bibliographic, Smith J.; Doe L

information! → 1978 J Parasitol 64 (1) Feb 30–38 Wa

Subheading → *Fasciola hepatica*, white mice, successful vaccination with culture incubate antigens and antigens from sonic disruption of immature worms

A variety of information is found indented beneath the bibliographic information of each entry: Classification, hosts, synonymy, keys, treatment, etc. Subheadings are guides to the subject matter of the publication.

1. **Classification:** In entries based on systematic articles, the subheading may give the higher taxa in which the taxon has been placed or it may list the lower taxa included in a higher taxon.
2. **Hosts:** The only hosts recorded are those that pertain directly to the author's own work. Scientific host names are used unless the author gives only common names, in which case the host names are given exactly as in the original publication.

However, when host common names are in Cyrillic alphabet languages, host Latin names are assigned and listed instead of the common names; these are in square brackets [].

Locations of parasites in or on hosts are given in parentheses (). Where a host-parasite relationship is well known, a host may be given under a parasite name and not in the Host Catalogue; this applies particularly to parasites of medical and veterinary importance and of worldwide distribution. A + before the host name on the parasite entry means that no host entry was made for this particular reference.

3. **Synonymy:** Usually only those synonyms which the author indicates as new, or which are new to the files of the Index-Catalogue of Medical and Veterinary Zoology, are given.

4. **Keys:** The subheading "key" indicates that the name is included in a taxonomic key.
5. **Treatment:** When there are several antiparasitic agents mentioned in a publication, a general term is used in the subheading, e.g., anthelmintics, insecticides, protozoacides. However, in the Treatment Catalogue, all agents tested by the investigator(s) are listed.
6. **Geographic Distribution:** When there are multiple hosts and geographic localities, the appropriate locality is recorded after each host name; when the hosts of a parasite are all from one locality, they are recorded as "all from" this locality.
7. **Other Subject Matter:** Phrases indicate other subject matter discussed (e.g., immunity, metabolism, morphology, etc.).

Subject Headings Catalogue

The Subject Headings Catalogue (the first section of Part 6 of each supplement) is an alphabetic arrangement of entry terms from a list of subject headings. Each entry consists of the subject heading, bibliographic information, and a subheading reflecting the information contained in the paper. Subject headings with numerous entries are separated into alphabetized subdivisions, e.g.:

Immunity
 Immunity, Agglutination
 Immunity, Allergy

Treatment Catalogue

In the Treatment Catalogue (a section of Part 6 of each supplement), all entries referring to one antiparasitic agent are grouped under one heading (regardless of the name used by the investigator) and are then listed alphabetically by author. Other names for the same agent are cross-referenced to the name used for filing. When generic and chemical names are available, preference is given to those names as headings rather than to trade names or code numbers and letters. Code number designations for compounds are entered in the Number Index in numerical order and cross-referenced to the name under which they are listed in the alphabetical section. Salts of a compound are usually grouped together; e.g., piperazine adipate, piperazine citrate, etc., are all listed under Piperazine. Sometimes verifying synonymy of drug names is im-

possible; consequently, groupings and cross-references are not always authenticated although as many as possible have been checked with reliable sources. In some instances, the cross-references are based entirely on information in papers indexed and verification was not possible. Foreign language terminology has been anglicized where feasible. Chemosterilants, Molluscicides, and Repellents are entered under these three collective headings and not under the individual chemical. The format is the same as the parasite entries: Entry term (in this case, drug name), bibliographic information, and subheading.

Host Catalogue

The Host Catalogue (Part 7 of each supplement) is arranged alphabetically by genera, common names, and higher taxa and then alphabetically by species within genera. Nominata subspecies are interfiled with the species. Entries under each heading are in turn arranged alphabetically by author(s) and then chronologically for each author. The format is the same as in the other Catalogues, i.e., entry term (in this case, host name), bibliographic information, and subheading. Indented beneath the bibliographic information of each host entry are all the parasites of a particular phylum that were reported from this host in the paper in question. Body locations of these parasites will be found in parentheses () either in the subheading or with the host name. Animals identified as hosts only on the basis of serological evidence are not included in the Host Catalogue. Experimental infection is reported as such. When there are multiple parasites and geographic localities, the appropriate locality is recorded after each parasite name; when the parasites from this host are all from one locality, they are recorded as "all from" this locality. When authors use only common names of hosts, scientific names are cautiously supplied from authoritative sources after careful consideration. Cross-references from the common name used by the author to the scientific name supplied by the Index-Catalogue are filed among the host entries. Such supplied names are given in square brackets []. Scientific names are supplied based on particular articles and cross-references are made based on particular names supplied and are not to be construed as having any absolute significance, but are for convenience of location only. For example, a cross-reference *Ass See* [*Equus asinus*] does not mean that we are not aware that there are other species of asses, but merely that it is clear to us that *Equus asinus* was the name to supply for the host in the article at hand. If a scientific name cannot be supplied, English common names are used.

Scientific names or English common names are always supplied for common names in Cyrillic alphabet languages, and no cross-references are made. Surveys of parasites of humans and domestic animals are usually indexed under geographic headings and entered in Part 6, Subject Headings, in addition to appearing in the Host Catalogue. In this case, entries are not made in the Parasite Catalogues.

Visitors are welcome to come to the Animal Parasitology Institute to use the cumulative files. Arrangements should be made in advance for lengthy visits. Requests for back issues of the Index-Catalogue and other correspondence should be addressed to:

Index-Catalogue of Medical and
Veterinary Zoology
Animal Parasitology Institute
USDA, ARS, BARC-East,
Building 1180
Beltsville, Maryland 20705 U.S.A.

It is hoped that these Catalogues will serve as a useful tool to workers in the field of parasitology.

The compilers thank the staffs of the National Agricultural Library, the National Library of Medicine, and all other libraries that have aided us invaluablely by making publications available to us.

Abnormalities See Anomalies

Abortion

Amici C et al
1979 Ann Sclavo 21 (3) May-June 264-271 Wm
Toxoplasma, retrospective seroimmunological survey of 3,455 women, role of antibody occurrence in raw meat eaters was statistically verified, Toxoplasma infection may prove to be significant etiologic factor for abortion

Abortion

Baetz AL et al
1980 Am J Vet Research 41 (11) Nov 1767-1768 Wa
pregnant cows exposed to Sarcocystis cruzi, Campylobacter fetus, or Aspergillus fumigatus, changes in plasma progesterone concentrations in bovine plasma cannot be used as diagnostic tool for fetal distress or fetal death

Abortion

Deragna S et al
1980 Minerva Ginec 32 (1-2) Jan-Feb 43-47 Wm
Toxoplasma gondii, pregnant woman with latent infection, probable cause of previous abortions and fetal death, case report, diagnostic considerations: Italy

Abortion

Dubey JP
1981 J Am Vet Med Ass 178 (7) Apr 1 661-670 Wa
Toxoplasma gondii in dairy goats, association with abortion, epidemiologic investigation, isolation from does, placentas, fetuses, kids, cats, and chickens: Montana

Abortion

Dubey JP
1981 J Am Vet Med Ass 178 (7) Apr 1 671-674 Wa
Toxoplasma gondii, dairy goats, abortion, transplacental toxoplasmosis in kids, relationship to dose and duration of infection in dams, distribution of organisms in tissues of fetuses or kids in relation to duration of infection of dams

Abortion

Dubey JP
1981 J Am Vet Med Ass 178 (7) Apr 1 700-703 Wa
Sarcocystis capracanis-like organism, abortion and death in goats inoculated with sporocysts from coyote feces

Abortion

Dubey JP et al
1980 Am J Vet Research 41 (7) July 1072-1076 Wa
Toxoplasma gondii, goats (exper.), abortion, clinical signs, and distribution in host tissues

Abortion

Dubey JP; Schmitz JA
1981 J Am Vet Med Ass 178 (7) Apr 1 675-678 Wa
Toxoplasma gondii, associated with abortion in sheep: Oregon

Abortion

Dubey JP; Sundberg JP; Matiuck SW
1981 Am J Vet Research 42 (9) Sept 1624-1626 Wa
Toxoplasma gondii diagnosed in aborted caprine fetus and in placenta, doe had high antibody titer 2 days after abortion, serologic survey on farm showed antibodies in people and in other animals (including other goats and a sheep that had aborted): Connecticut

Abortion

Megafu U; Ugwuegbulam I
1981 Internat J Fertility 26 (2) 132-134 Wa
Toxoplasma gondii, incidence of positive indirect hemagglutination test in Ibo women with recurrent abortions, comparison of high and low socioeconomic groups: Nigeria

Abortion

Migliorini A; Ragazzini G
1981 Minerva Ginec 33 (4) Apr 321-324 Wm
toxoplasmosis, pregnant women, clinico-statistical study, correlations between infections and spontaneous abortions, general clinical and diagnostic review: Italy

Abortion

Munday BL
1981 Vet Parasitol 9 (1) Oct 17-26 Wa
Sarcocystis ovis, ewes (exper.), premature parturition, pathological findings; previous infection with S. gigantea did not protect from subsequent challenge with S. ovis: Israel

Abortion

Nobel TA et al
1981 Vet Parasitol 8 (4) Sept 271-276 Wa
Besnoitia besnoiti, cysts (with or without surrounding granulomatous reaction) were present in genital organs of 6 of 16 infected cows, role of these organisms in abortion and infertility seems to be minor if any: Israel

Abortion

Pakan J et al
1980 Bratisl Lekar Listy 73 (5) May 580-585 Wm
toxoplasmosis, diagnostic importance of seroimmunological testing of pregnant women in order to reduce prenatal infections and abortions: Bratislava

Abortion

Pareek PK
1979 Indian Vet J 56 (12) Dec 995-996 Wa
Trichomonas foetus, Tharparkar cow, presence in vaginal discharge and foetal placenta post-abortion: Bikaner, Rajasthan

Abortion

Plant JW; Glastonbury JRW; Saunders EJ
1980 Austral Vet J 56 (5) May 254 Wa
Toxoplasma, goats, cause of perinatal death: New South Wales

Abortion

Stalheim OHV et al
1980 Am J Vet Research 41 (1) Jan 10-15 Wa
Toxoplasma gondii, virulence of 3 cat-derived strains for calves; exposure of pregnant cows and calves to tachyzoites, clinical response and role in bovine abortion, slight and non-specific gross and microscopic changes

Abortion

Toldy M et al
1979 Bratisl Lekar Listy 72 (4) Oct 448-452 Wm
Trichomonas vaginalis, pregnant women, incidence survey, trichomonal colpitis, high infection rate with threatened abortions and premature deliveries: Martin

Abortion

van Zon AAJC; Eling WMC
1980 Infect and Immun 28 (2) May 630-632 Wa
Plasmodium berghei, mice, depressed malarial immunity during pregnancy, malaria-associated prematurity and abortion

- Abscess**
Askerkhanov RP
1980 Klin Khirurg (11) Nov 27-30 Wm
echinococcosis, amoebiasis, human hepatic abscesses, analysis of 346 cases, indications for surgery, surgical approach, and management of abscesses
- Abscess**
Ford J et al
1981 Chest 79 (2) Feb 239-240 Wm
Strongyloides stercoralis, asthmatic Chinese man, associated lung abscess occurred 3 years after patient migrated from Burma to Australia
- Abscess**
Kaufman DM; Kaplan JG; Litman N
1980 Neurology 30 (8) Aug 844-850 Wm
spinal epidural abscesses, causes, includes Echinococcus granulosus, case report
- Abscess**
Latrive JP et al
1980 Semaine Hop Paris 56 (11-12) Mar 18-25 567-569 Wm
Linguatula serrata, man, encysted, calcified parasite within liver abscess, radiological and histological aspects: France, Dominican native
- Abscess**
Ongom VL
1980 Tr Roy Soc Trop Med and Hyg 74 (3) 417 Wa
Fasciola gigantica, human, episternal abscess: Uganda
- Abscess**
Trejo-Padilla E et al
1977 Arch Venez Puericult y Pediat 40 (2) July-Sept 265-288 Wm
Ascaris lumbricoides, children, hepatic abscesses, clinical aspects, treatment, 14 cases: Caracas
- Abscess, Amebic**
Abul-Khair MH et al
1981 Ann Surg 193 (2) Feb 221-226 Wm
Entamoeba histolytica, patients with suspected hepatic abscesses, evaluation of ultrasonography for diagnosis, for pinpointing site for therapeutic aspiration of abscess, and for follow-up assessment of therapy, results compared with those of standard diagnostic tests: Egypt
- Abscess, Amebic**
Agrawal BV et al
1975 Am Surg 41 (6) June 373-377 Wm
Entamoeba histolytica, humans, 2 case reports, amebic pericardial effusion as complication of amebic hepatic abscesses, clinical aspects
- Abscess, Amebic**
Aikat BK et al
1978 Indian J Med Research 67 Mar 381-391 Wa
Entamoeba histolytica, human hepatic abscesses, 79 autopsy cases, host age and sex, clinicopathological manifestations
- Abscess, Amebic**
Askerkhanov RP
1980 Klin Khirurg (11) Nov 27-30 Wm
echinococcosis, amoebiasis, human hepatic abscesses, analysis of 346 cases, indications for surgery, surgical approach, and management of abscesses
- Abscess, Amebic**
Balasegaram M
1981 Current Problems Surg 18 (5) May 282-340 Wm
Entamoeba histolytica, human hepatic abscess, extensive clinical review (etiology, pathology, clinical manifestations, diagnostic aids, complications, abscess localizations, surgical therapy, prognosis)
- Abscess, Amebic**
Becker GL jr et al
1980 Neurosurgery 6 (2) Feb 192-194 Wm
Entamoeba histolytica, causing brain abscesses, case reviews, pathology, diagnosis, clinical management: New Jersey
- Abscess, Amebic**
Benoit M; Salembier Y; Dei-Cas E
1980 Lille Med 25 (1-2) Jan-Feb 43-44 Wm
Entamoeba histolytica, man, hepatic amebic abscess diagnosed by pathological examination of surgically removed specimen, diagnosis prior to surgery had been inconclusive: France, had resided in Senegal
- Abscess, Amebic**
Bosman A; Lessing AJ
1981 South African Med J 59 (11) Mar 14 389-390 Wm
amoebiasis, human, heart tamponade due to hepatic abscess rupture, case report, suggestions for anesthetic technique used during surgical repair
- Abscess, Amebic**
Bourgeade A et al
1979 Bull Soc Path Exot 72 (3) May-June 216-222 Wa
amoebiasis, man, case report, necrotic infection with peritonitis secondary to rupture of hepatic abscesses, clinical management, fatal illness
- Abscess, Amebic**
Bourgeon R; Isman H; Courchia G
1980 Chirurgie Paris 106 (1) Jan 37-39 Wm
amoebiasis, humans with hepatic abscesses, conditions requiring surgical intervention: France
- Abscess, Amebic**
Calleja Bello M; Colin Abarranco M
1979 Prensa Med Mexicana 44 (5-6) May-June 112-114 Wm
Entamoeba histolytica, humans with hepatic amebic abscesses, therapy with intravenous metronidazole administered singly or with intramuscular emetine
- Abscess, Amebic**
Chaves FJZC et al
1977 Am J Gastroenterol 68 (2) Aug 134-139 Wm
Entamoeba histolytica, assessment of clinical and pathological findings in 56 patients with hepatic abscesses, male black patients 20-39 years old were most frequently affected: Luanda University Hospital, Angola
- Abscess, Amebic**
Chaves FJZC et al
1977 Am J Gastroenterol 68 (3) Sept 273-277 Wm
Entamoeba histolytica, laboratory and chest X-ray findings in 56 human cases with hepatic abscesses, diagnostic significance especially in endemic areas where more sophisticated facilities are not available: Luanda

- Abscess, Amebic
Chigot JP et al
1981 Med & Chir Digest 10 (1) 61-64 Wm
hepatic amoebic abscesses, humans, multiple
case reviews, diagnostic and therapeutic
problems: France
- Abscess, Amebic
Choudat D et al
1979 Nouv Presse Med 8 (8) Feb 17 610-611 Wm
chronic amoebic liver abscess, man, case report
- Abscess, Amebic
Clot JP et al
1980 Nouv Presse Med 9 (37) Oct 11 2731-2732 Wm
human hepatic amoebic abscess, right antero-
lateral thoracotomy with exclusion of pleura
recommended as surgical measure
- Abscess, Amebic
Coelle H et al
1980 Leber Magen Darm 10 (2) Apr 111-114 Wm
amoebiasis, patients, ultrasonic diagnosis and
control of hepatic abscesses, case reviews
- Abscess, Amebic
Costero C; Garcia-Garcia P; Askins-Carreon C
1980 Rev Gastroenterol Mexico 45 (3) July-Sept
149-165 Wm
Entamoeba histolytica, humans, 30 years of
necropsy records analyzed: infection preva-
lence, localizations, infection intensity,
acute vs. chronic abscesses, association with
cirrhosis, classification of intestinal le-
sions: Escuela de Medicina y Hospital Central
de San Luis de Potosi, Mexico
- Abscess, Amebic
Cruz I; Borges A; Mota JCB
1979 Acta Med Portug 1 (1) Jan-Feb 79-87 Wm
Entamoeba histolytica, man, hepatic abscess,
differential diagnosis, clinical management,
diagnosis confirmed and therapy followed using
X-ray computed tomography and ultrasonography:
Portugal
- Abscess, Amebic
Datta DV et al
1978 Indian J Med Research 68 Sept 485-488 Wa
amoebic hepatic abscess, humans with and with-
out jaundice, no significant alterations of
bilirubin UDP-glucuronyl transferase
- Abscess, Amebic
Dewbury KC et al
1980 Brit J Radiol (636) 53 Dec 1160-1165 Wa
ultrasound in the diagnosis of early liver
abscesses, humans, includes Entamoeba histoly-
tica as causative organism
- Abscess, Amebic
Dick W
1980 Monatschr Kinderh 128 (5) May 330-331 Wm
Entamoeba histolytica, child, case report,
hepatic abscess, clinical management: Germany
- Abscess, Amebic
Eggleston FC; Verghese M; Handa AK
1978 Arch Surg Chicago 113 (12) Dec 1472 Wm
amoebiasis causing massive gastrointestinal
bleeding from proved amoebic ulcers in the
cecum and from hepatic abscess, man, case re-
port
- Abscess, Amebic
Falaiye JM; Okeke GCE; Fregene AO
1980 Gut 21 (2) Feb 161-163 Wm
Entamoeba histolytica, man, amoebic liver
abscess with concurrent liver cirrhosis, case
report, clinical aspects: Nigeria
- Abscess, Amebic
Gall SA; Edmisten C; Vernon RP jr
1980 South Med J 73 (9) Sept 1274-1275 Wm
amoebiasis, man, case report, intravenous
metronidazole as therapy for ruptured hepatic
abscess
- Abscess, Amebic
Ganguly NK et al
1980 Indian J Med Research 71 Feb 213-216 Wa
Entamoeba histolytica, humans with hepatic
abscesses, presence of amoebic antigen demon-
strated by counter immunoelectrophoresis,
possible role in formation of immune complexes
- Abscess, Amebic
Ghadirian E; Meerovitch E
1981 Infect and Immun 31 (2) Feb 571-573 Wa
Entamoeba histolytica, hamsters, effect of
splenectomy on size of liver abscesses and
metastatic foci
- Abscess, Amebic
Ghadirian E; Meerovitch E; Hartmann DP
1980 Am J Trop Med and Hyg 29 (5 pt 1) Sept 779-
784 Wa
Entamoeba histolytica, hamsters, protection
against amoebic liver abscess by immunization
with amoebic antigen and some of its fractions,
splenomegaly found to accompany development of
abscesses (high degree of correlation between
weights of abscesses and of spleens), no corre-
lation between anti-amoebic antibody titers and
gross pathology
- Abscess, Amebic
Goldsmith RS
1980 West J Med San Francisco 132 (4) Apr
333-339 Wa
amoebic liver abscess and intestinal infection,
human, clinical syndromes, diagnosis, treat-
ment, review
- Abscess, Amebic
Greenstein AJ; Greenstein RJ; Sachar DB
1980 Am J Surg 139 (3) Mar 456-458 Wm
amoebiasis, human hepatic abscess, toxic dila-
tation, treated with metronidazole and surgery
without colectomy, case report
- Abscess, Amebic
Grell GAC; Watty EI
1978 West Indian Med J 27 (1) Mar 40-48 Wm
Entamoeba histolytica, human amoebic hepatic
abscesses, case reviews, clinical and patholog-
ical features, epidemiology of disease in Car-
ibbean
- Abscess, Amebic
Habibullah CM et al
1980 J Ass Physicians India 28 (7) July 177-179
Wm
Study of alpha-1-antitrypsin activity in liver
diseases, elevated levels in patients with
amoebic liver abscesses, useful in differential
diagnosis

- Abscess, Amebic
Hayes JG
1980 Austral and N Zealand J Surg 50 (5) Oct
538-540 Wm
Amoebic liver abscess: Clinical presentation
and diagnosis
- Abscess, Amebic
Hobbs KEF
1979 Brit J Hosp Med 22 (5) Nov 456-467 Wm
hepatic surgery, humans, diagnostic and surgi-
cal procedures, postoperative management,
includes information on amoebiasis, Echinococ-
cus granulosis, and E. multilocularis
- Abscess, Amebic
Ibarra-Perez C
1981 Chest 79 (6) June 672-677 Wm
hepatic amoebic abscess, humans, thoracic com-
plications, presenting symptoms and clinical
management of 501 cases reviewed
- Abscess, Amebic
Im KI; Kim Y
1976 Yonsei Rep Trop Med 7 (1) Nov 61-67 Wm
Entamoeba histolytica, development of hepatic
abscess studied in golden hamster and rats
- Abscess, Amebic
Irazusta Goena M et al
1980 Rev Espan Enferm Apar Digest 57 (6) June
683-690 Wm
Entamoeba histolytica, human hepatic abscesses,
case reports, diagnosis by various radiographic
methods, clinical aspects, therapy: Espana
- Abscess, Amebic
Jaroonvesama N et al
1978 Asian J Infect Dis 2 (4) Dec 265-269 Wm
E[ntamoeba] histolytica, patients with hepatic
abscesses, ornidazole given as 1-day therapy in
low dosages, efficacy, side-effects: Thailand
- Abscess, Amebic
Knoblock J; Funke M; Bienzle U
1980 Tropenmed u Parasitol 31 (4) Dec 414-416
Wa
Entamoeba histolytica, human, autochthonous
liver abscess, case report, immunological
confirmation using enzyme-linked immunosorbent
assay: Hamburg, West Germany
- Abscess, Amebic
Koshy A et al
1979 Am J Surg 138 (3) Sept 453-455 Wm
Entamoeba histolytica, woman, case report,
hepatic abscess complicated by hemobilia:
India
- Abscess, Amebic
Lamki LM; Lamki N
1981 Clin Nuclear Med 6 (2) Feb 81-84 Wm
radionuclide imaging used to differentiate
splenomegaly from pseudosplenomegaly associated
with human hydatid hepatic cysts and with
amoebic hepatic abscess, case reports, clinical
aspects
- Abscess, Amebic
Landy MJ et al
1980 Am J Roentgenol 135 (3) Sept 449-454 Wa
Entamoeba histolytica, human hepatic abscess
with thoracic involvement, sonographic and
radiographic findings pre- and post-therapy
- Abscess, Amebic
Levy JM et al
1978 Am J Gastroenterol 70 (3) Sept 298-301 Wm
amoebic liver abscess, African university stu-
dent, computer tomography-guided percutaneous
surgical drainage of abscess, case report:
Arizona
- Abscess, Amebic
McDougall IR
1981 Clin Nuclear Med 6 (2) 67-69 Wm
hepatic amoebic abscess, man, case report,
diagnosis using In-111-leukocyte scan
- Abscess, Amebic
Mahajan RC; Ganguly NK
1980 Tr Roy Soc Trop Med and Hyg 74 (3) 300-302
Wa
Entamoeba histolytica, human, liver abscess,
immunodiagnosis and prognosis, detection of
amoebic antigen in liver pus/biopsy specimens
and serum by counter-immunoelectrophoresis,
correlation between amoebic antigen positivity
and indirect haemagglutination seropositivity,
possible role of amoebic antigen in immune com-
plex formation and pathogenesis
- Abscess, Amebic
Markwalder K
1981 Tr Roy Soc Trop Med and Hyg 75 (2) 308-309
Wa
Entamoeba histolytica, human, abscess of left
lung with pleural involvement, successful con-
servative treatment with metronidazole and de-
hydroemetine, case report: Chad
- Abscess, Amebic
Molinie C et al
1980 Ann Med Int Paris 131 (6) 343-345 Wm
Entamoeba histolytica, humans, 2 case reports,
delayed relapses of hepatic amoebic abscesses
initially cured by metronidazole
- Abscess, Amebic
Morse HG; Rate R
1980 West J Med San Francisco 132 (5) May 461-
462 Wa
amoebic liver abscess and its consideration in
differential diagnosis of right-sided pleural
effusion, 43-year-old man, case report:
Keams Canyon, Arizona
- Abscess, Amebic
Nigam P et al
1981 J Ass Physicians India 29 (2) Feb 143-151
Wm
E[ntamoeba] histolytica, human hepato-pulmon-
ary infections with abscess, clinical features
of 43 cases, therapeutic response to lumigyl:
India
- Abscess, Amebic
Olivos M, G; Amaro G, R; Penaloza M, P
1980 Rev Clin Espan 157 (3) May 15 209-210 Wm
amoebiasis, 31-year-old woman, case report,
multiple perforations of colon associated with
hepatic abscess, successfully treated with
total colectomy: Mexico
- Abscess, Amebic
Onyemelukwe GC; Onyewotu II
1981 Tr Roy Soc Trop Med and Hyg 75 (4) 613-614
Wa
amoebic liver abscess, onchocerciasis, human,
serum anticomplementary screening for immune
complexes

- Abscess, Amebic**
Orenstein WA et al
1981 Am J Gastroenterol 75 (1) Jan 52-54 Wm
Entamoeba histolytica, 21-month-old child, simultaneous amebic liver abscess and hepatitis A, case report, diagnostic problems
- Abscess, Amebic**
Petchclai B; Koonakosit R; Akarawong K
1980 Southeast Asian J Trop Med and Pub Health 11 (1) Mar 55-57 Wa
Entamoeba histolytica, humans with hepatic abscesses, leucocyte migration test demonstrates cell-mediated immune response, some evidence of immunosuppression
- Abscess, Amebic**
Peters M et al
1979 Tropenmed u Parasitol 30 (4) Dec 409-416 Wa
Entamoeba histolytica, human hepatic abscesses, retrospective clinical evaluation of 27 cases: diagnostic methods, clinical findings, medical vs. surgical therapy
- Abscess, Amebic**
Peters RS; Gitlin N; Libke RD
1981 Ann Rev Med 32 161-174 Wa
Amebic liver abscess, review
- Abscess, Amebic**
Powalowska J; Dziubinski K
1980 Polski Tygod Lekar 35 (21) May 26 799-800 Wm
amoebiasis, man, hepatic abscess after travel to tropical countries, case report
- Abscess, Amebic**
Rasslan S et al
1979 Rev Paul Med 94 (3-4) Sept-Oct 82-84 Wm
Entamoeba histolytica, human hepatic abscess, rupture into peritoneum with resulting peritonitis, case report, clinical aspects
- Abscess, Amebic**
Rinaldi I; Murphy D
1979 Neurosurgery 5 (5) Nov 607-610 Wm
primary amebic meningoencephalitis with cerebral and cerebellar abscesses, 47-year-old woman, case report, fatal illness; disease pathogenesis, clinical presentations, diagnosis using warm wet microscopic slide presentations, therapy: Virginia
- Abscess, Amebic**
Rohde FC; Prieto O; Riveros O
1979 Brit J Dis Chest 73 (3) July 302-304 Wm
amoebiasis, human hepatic abscesses, thoracic complications, clinical, radiological, and therapeutic features of 170 cases
- Abscess, Amebic**
Rousset JJ; Boussougant Y
1980 Nouv Presse Med 9 (8) Feb 16 536-537 Wm
Entamoeba histolytica in pus removed from human hepatic abscess, survival for at least 80 hours, alert for physicians and laboratory workers: Paris
- Abscess, Amebic**
Sankale M; Quenum C
1977 African J Med and Med Sc 6 (2) June 81-88 Wm
hepatic abscess, human amoebic and amicrobial, clinical aspects, pathology of 600 cases (1960-1973) reviewed: Senegal
- Abscess, Amebic**
Singh, DS et al
1980 J Ass Physicians India 28 (5-6) May-June 119-123 Wm
amoebiasis, humans, extraintestinal forms (most prevalent in males 20-40 years of age), clinical pathology, diagnosis using indirect haemagglutination and bentonite flocculation tests
- Abscess, Amebic**
Staples DC; Dale JA
1980 Gastrointest Endoscopy 26 (1) Feb 21-22
amebic liver abscess, 19-year-old man after visit to Mexico, aspiration of abscess using peritoneoscopic techniques to guide placement of needle in abscess cavity: California
- Abscess, Amebic**
Stevens DL et al
1979 Am J Gastroenterol 72 (3) Sept 234-238 Wm
E[ntamoeba] histolytica, Caucasian male, case report, hepatic abscess, nonreactive to immunological tests preoperatively, motile hemato-phagous trophozoites seen microscopically in scrapings from wall of abscess, postoperative serologic tests were positive
- Abscess, Amebic**
Tandon A
1981 Tr Roy Soc Trop Med and Hyg 75 (4) 574-575 Wa
Entamoeba histolytica, human, serodiagnosis, enzyme linked immunosorbent assay evaluated on patients with intestinal amoebiasis, amebic liver abscess, and non-specific hepatomegaly, comparison with indirect haemagglutination assay
- Abscess, Amebic**
Tosswill JHC; Ridley DS; Warhurst DC
1980 J Clin Path 33 (1) Jan 33-35 Wa
Entamoeba histolytica, counter immunoelectrophoresis as rapid screening test for liver abscess
- Abscess, Amebic**
Tyagi SK et al
1980 J Ass Physicians India 28 (12) Dec 515-519 Wm
amoebic pericarditis as a rare but serious complication of amoebic liver abscess, clinical observations, diagnosis, case reviews: India
- Abscess, Amebic**
Verlenden WL III; Frey CF
1980 Am J Surg 140 (1) July 53-59 Wm
amoebiasis, 13 patients with hepatic abscess, predisposing factors, diagnostic findings, importance of diagnosis and surgical intervention
- Abscess, Amebic**
Waintraub SE et al
1980 N York State J Med 80 (9) Aug 1431-1433 Wm
Entamoeba histolytica, man, case report, concurrent amebic colitis and amebic liver abscess, fatal illness, clinical review: New York
- Abscess, Amebic**
Wallace RJ jr et al
1978 Arch Surg Chicago 113 (3) Mar 322-325 Wm
Amebic peritonitis following rupture of an amebic liver abscess. Successful treatment of two patients

Abscess, Amebic

Yamataka S
1978 Yokohama Med Bull 29 (1-4) Aug 39-51 Wm
[Entamoeba] histolytica, seamen, case reports,
diagnosis, clinical aspects: Japan (natives of
Far East)

Abscess, Amebic

Ylvisaker JT; McDonald GB
1980 Western J Med 132 (2) Feb 153-157 Wa
Entamoeba histolytica, two homosexual men
presenting amebic colitis and liver abscess,
diagnostic difficulties, evidence that sexually
transmitted amebiasis can be virulent illness

Absorption [See also Osmosis; Permeation]

Absorption, Host

Anand BS et al
1980 Tr Roy Soc Trop Med and Hyg 74 (5) 565-569
Wa
Giardia lamblia, rats, pathogenesis of malab-
sorption

Absorption, Host

Ball SJ; Heading CE; Tranter B
1980 Experientia 36 (7) July 15 839-840 Wm
Eimeria nieschulzi-infected rats, absorption
of glycine and proline through jejunum and
ileum was impaired when the amino acids were
presented to mucosal surface as either a
mixture or the dipeptide glycyl-proline

Absorption, Host

Brown KH et al
1980 Am J Clin Nutrition 33 (9) Sept 1975-1982
Wa
Ascaris lumbricoides, children with varying
worm burdens, changes in macronutrient absorp-
tion from a rice-vegetable diet before and
after treatment for parasites, treatment of
ascariasis may be nutritionally advantageous
for children with heavy worm burdens and mar-
ginal protein availability

Absorption, Host

Chavalittamrong B; Suntornpoch V; Siddhikol C
1980 Southeast Asian J Trop Med and Pub Health
11 (2) June 245-249 Wa
Giardia lamblia-infected children vs. non-
infected children, serum vitamin A and β -caro-
tene levels, indications that there may be
malabsorption of vitamin A and that low serum
vitamin A levels may be found in infected
children, recommends supplementary vitamin A
given with anti-giardia agent: Thailand

Absorption, Host

Cook GC
1981 Acta Trop 38 (2) June 173-178 Wa
influence of systemic infections (including
Plasmodium falciparum) in Papua New Guineans on
xylose absorption

Absorption, Host

Cook GC
1981 Tr Roy Soc Trop Med and Hyg 75 (3) 378-384
Wa
post-infective tropical malabsorption, human,
jejunal absorption rates of glucose and gly-
cine, presence of Giardia lamblia did not af-
fect severity of malabsorption

Absorption, Host

Dedieu P; Gibon M
1981 Gastroenterol Clin et Biol 5 (4) Apr 456-
468 Wm
intestinal parasites, humans, cause of malab-
sorption syndromes, general clinical review,
therapy

Absorption, Host

Hale OM et al
1981 J Animal Sc 52 (2) 316-322 Wa
Oesophagostomum quadrispinulatum, O. dentatum,
pigs (exper.), effect of different levels of
infection on weight gain, digestion, and ab-
sorption of nutrients

Absorption, Host

Hansen BD; Sleeman HK; Pappas PW
1980 J Parasitol 66 (2) Apr 205-212 Wa
Plasmodium berghei-infected rat erythrocytes,
saponin-released 'free parasites', and normal
erythrocytes, purine base and nucleoside up-
take; initial metabolism of adenosine by 'free'
parasite'

Absorption, Host

Hoshika K et al
1980 Nippon Shokakibyō Gakkai Zasshi (Japan J
Gastroenterol) 77 (3) Mar 368-376 Wm
Giardia lamblia in patient with reduced secre-
tory immunoglobulin A in duodenal aspirate,
pathology of parasite-induced malabsorption,
flagyl therapy ineffective

Absorption, Host

Hutchison WM et al
1981 Ann Trop Med and Parasitol 75 (1) Feb
115-116 Wa
Isospora felis-infected cats, scanning
electron microscopy of small intestine,
morphological appearance indicates that
absorption may be greatly impaired

Absorption, Host

James S
1980 Parasitology 80 (2) Apr 313-322 Wa
Eimeria tenella, differences between thiamine
uptake by isolated second-generation schizonts
and by host intestinal cells, inhibitory ef-
fects of amprolium, further differences in
drug-resistant parasite line

Absorption, Host

Khosla SN; Sharma SV; Srivastava SC
1978 Am J Gastroenterol 69 (6) June 694-700 Wm
Giardia lamblia, humans with symptomatic giar-
diasis, infestation had little effect on jejunal
absorption studies, thus frank malabsorp-
tion syndrome apparently does not occur in
giardiasis, if present it is indicative of co-
existing disease

Absorption, Host

Maspes V; Tamigaki M
1979 Rev Saude Pub S Paulo 13 (4) Dec 357-365
Wm
ancylostomiasis, patients with anemia and high
rate of parasitism, hematologic variations, im-
portance of iron reabsorption in intestinal
hemorrhage

Absorption, Host

Meade HM; Heading CE; Ball SJ
1981 Biochem Soc Tr 9 (1) Feb 131-132 Wa
Eimeria nieschulzi, rats, glycylproline
absorption throughout period of infection and
recovery

- Absorption, Host**
 Ruff MD; Augustine PC; Madden PA
 1981 Exper Parasitol 51 (1) Feb 87-94 Wa
Eimeria meleagridis, *E. adenocoides*, or *E. dispersa*, turkeys (exper.), severity of infection, intestinal malabsorption, and intestinal morphology
- Absorption, Host**
 Ruff MD; Wilkins GC
 1980 Parasitology 80 (3) June 555-569 Wa
Eimeria spp., in vitro absorption of glucose and L-methionine in 8 regions of small intestine of infected broilers
- Absorption, Host**
 Scofield AM
 1980 Internat J Parasitol 10 (5-6) Nov-Dec 375-380 Wa
Nippostrongylus brasiliensis, rats, effect of level of infection on intestinal absorption and metabolism of hexoses, host sex differences
- Absorption, Host**
 Scofield AM
 1980 Experientia 36 (12) Dec 15 1404-1405 Wa
Nippostrongylus brasiliensis, rats, primary vs. secondary infections, intestinal glucose absorption and metabolism, pattern of changes probably related to host immunological activity
- Absorption, Host**
 Sherif SM et al
 1977 Ain Shams Med J 28 (1-2) Jan-Mar 31-45 Wm
 schistosomal polyposis of colon, humans, accompanied by intestinal malabsorption resulting in cachexia and malnutrition, pathology compared with patients with schistosomal liver fibrosis and with normal controls
- Absorption, Host**
 Smith RR; Ruff MD; Witlock DR
 1980 Proc Helminth Soc Washington 47 (2) July 235-246 Issued Aug 25 Wa
Eimeria necatrix-infected chickens (exper.), response of jejunum to infection and subsequent effect on methionine and glucose absorption, light and electron microscopy
- Absorption, Host**
 Stephenson LS et al
 1980 Exper Parasitol 49 (1) Feb 15-25 Wa
Ascaris suum-infected young pigs, nutrient (protein and fat) absorption, growth, and intestinal pathology
- Absorption, Host**
 Ting AW; Sherman IW
 1981 Internat J Biochem 13 (8) 955-958 Wa
Plasmodium falciparum-infected human erythrocytes, *Plasmodium lophurae*-infected duck erythrocytes, hypoxanthine transport
- Absorption, Host**
 Turk DE
 1981 Poultry Science 60 (2) Feb 323-326 Wa
Eimeria spp., chickens (exper.), effect of infection on host growth and intestinal absorption of iron
- Absorption, Host**
 Wright SG
 1980 Tr Roy Soc Trop Med and Hyg 74 (4) 436-437 Wa
 giardiasis and malabsorption, review
- Absorption, Parasite**
 Ando K; Mitsuhashi J; Kitamura S
 1980 Am J Trop Med and Hyg 29 (2) Mar 213-216 Wa
Dirofilaria immitis, uptake of amino acids and glucose by microfilariae maintained in culture medium for 8 days
- Absorption, Parasite**
 Aomine M
 1981 Comp Biochem and Physiol 68A (2) 131-147 Wa
 Protozoa, carbohydrate transport and utilization, extensive review
- Absorption, Parasite**
 Aomine M
 1981 Comp Biochem and Physiol 68A (4) 531-540 Wa
 Protozoa, amino acid absorption and transport, review
- Absorption, Parasite**
 Barrett J
 1981 Biochemistry of parasitic helminths 308 pp
 London (MacMillan Publishers Ltd) Wa(QL392.B3)
- Absorption, Parasite**
 Beames CG jr; Merz JM; Donahue MJ
 1981 Biochem Parasites (Slutzky) 75-83 Wa
Ascaris suum, intestine, some biochemical and physiological characteristics, movement of electrolytes and non-electrolytes across epithelial cell membrane and permeability characteristics of basement membrane
- Absorption, Parasite**
 Bogitsh BJ; Carter OS
 1980 Exper Parasitol 49 (3) June 319-327 Wa
Schistosoma mansoni, effect of colchicine on in vitro uptake and incorporation of proline in tegument of male vs. female adults, on cytochemical localization of alkaline phosphatase in tegumental invaginations, and on tegumental and subtegumental morphology
- Absorption, Parasite**
 Chen SN; Howells RE
 1981 Ann Trop Med and Parasitol 75 (3) June 329-334 Wa
Dirofilaria immitis, uptake in vitro of monosaccharides, disaccharide and nucleic acid precursors by adult male and female worms, transcuticular uptake demonstrated
- Absorption, Parasite**
 Chen SN; Howells RE
 1981 Exper Parasitol 51 (2) Apr 296-306 Wa
Brugia pahangi, uptake and incorporation of nucleic acid precursors by microfilariae and macrofilariae in vitro
- Absorption, Parasite**
 Cornford EM; Bocash WD; Oldendorf WH
 1981 J Parasitol 67 (1) Feb 24-30 Wa
Schistosomatium douthitti, transintestinal glucose uptake in male and female worms, possible implications for male-female nutritional relationships
- Absorption, Parasite**
 Fetterer RH; Pax RA; Bennett JL
 1981 Parasitology 82 (1) Feb 97-109 Wa
Schistosoma mansoni adult males, evidence of significant role for active $\text{Na}^+\text{-K}^+$ transport in muscle contraction and in maintenance of tegumental membrane potential, data suggest that $\text{Na}^+\text{-K}^+$ transport may be electrogenic

Absorption, Parasite

Gordon R; Walsh DJ; Burford IR
1981 Parasitology 83 (3) Dec 451-457 Wa
Romanomeris culicivora, free-living stages, activity of beta-oxidation enzymes, uptake of palmitate and oxidation to CO₂

Absorption, Parasite

Gruenberg J et al
[1981] J Protozool 27 (4) Nov 1980 484-491
Issued Mar 11 Wa
Trypanosoma brucei brucei, bloodstream forms, role of glycerol permeation in relation to anaerobic metabolism

Absorption, Parasite

Gupta V; Agarwal SK
1979 Indian J Helminth 29 (1-2) Mar-Sept 1977
93-103 Issued Feb 28 Wa
Gastrothylax crumenifer, in vitro survival in 5 basic salt solutions and in presence of simple carbohydrates, effect of pH, absorption of carbohydrates through cuticle under aerobic conditions

Absorption, Parasite

Hansen BD; Sleeman HK; Pappas PW
1980 J Parasitol 66 (2) Apr 205-212 Wa
Plasmodium berghei-infected rat erythrocytes, saponin-released 'free parasites', and normal erythrocytes, purine base and nucleoside uptake; initial metabolism of adenosine by 'free parasite'

Absorption, Parasite

Howells RE; Chen SN
1980 Trop Dis Research Ser (3) 395-396 Wm
Brugia pahangi, feeding and nutrient uptake in vivo and in vitro, workshop presentation

Absorption, Parasite

Howells RE; Chen SN
1981 Exper Parasitol 51 (1) Feb 42-58 Wa
Brugia pahangi, transcuticular uptake of D-glucose, L-leucine, and adenosine in vitro, no evidence for oral ingestion of materials in vitro but oral uptake of Trypan blue demonstrated in vivo, ultrastructure and cytochemical staining reactions for enzymes of gut and body wall

Absorption, Parasite

Inslar GD
1981 Comp Biochem and Physiol 70B (4) 697-702 Wa
Hymenolepis diminuta, crowded vs. uncrowded worms, 10-day-old vs. 6-day-old worms, thymidine uptake kinetics, effect of succinate

Absorption, Parasite

Irvin AD et al
1981 Internat J Parasitol 11 (6) Dec 451-456 Wa
Theileria parva, incorporation of radio-labelled nucleic acid precursors by parasites in bovine blood and in salivary glands of Rhipicephalus appendiculatus, possible applications of this labelling method

Absorption, Parasite

James DM; Born GVR
1980 Parasitology 81 (2) Oct 383-393 Wa
Trypanosoma brucei, T. congolense, kinetics and inhibition of uptake of purine bases and nucleosides; dipyrindamole and its analogue (RA-233) inhibited uptake of adenosine by T. brucei but dipyrindamole had no effect on T. brucei infections in mice

Absorption, Parasite

James S
1980 Parasitology 80 (2) Apr 313-322 Wa
Eimeria tenella, differences between thiamine uptake by isolated second-generation schizonts and by host intestinal cells, inhibitory effects of amprolium, further differences in drug-resistant parasite line

Absorption, Parasite

Kaul CL; Grewal RS; Sen HG
1980 Indian J Exper Biol 18 (7) July 745-746 Wa
Necator americanus adults, glucose uptake and glycogen synthesis

Absorption, Parasite

Lumsden RD; Murphy WA
1980 Ohio State Univ Biosc Colloq (5) 95-130 Wm; Wa
cestode surface, morphological and functional aspects, review

Absorption, Parasite

Lussier PE; Podesta RB; Mettrick DF
[1980] J Parasitol 65 (6) Dec 1979: 842-848 Issued Apr 2 Wa
Hymenolepis diminuta, Na⁺-dependent and Na⁺-independent components of neutral amino acid transport

Absorption, Parasite

Matricon-Gondran M
1980 Tissue and Cell 12 (2) 383-394 Wa
Echinostoma caproni, gap junctions and particle aggregates in tegumentary syncytium, significance of these structures with respect to tegumentary permeability and exchanges with parenchyma

Absorption, Parasite

Midgley M; Stephenson MC
1980 Biochem Soc Tr 8 (3) June 307-308 Wm
Crithidia fasciculata, measurement of membrane potential component of transmembrane proton electrochemical gradient

Absorption, Parasite

Miller PGG; Klein RA
1980 J Gen Microbiol 116 (2) Feb 391-396 Wa
Trypanosoma brucei, T. evansi, effects of oligomycin on glucose utilization and calcium transport

Absorption, Parasite

Pappas PW
1980 Ohio State Univ Biosc Colloq (5) 145-172 Wm; Wa
enzyme interactions at host-parasite interface, review

Absorption, Parasite

Pappas PW; Gamble HR
1980 Parasitology 81 (2) Oct 395-403 Wa
Hymenolepis diminuta, characteristics of aromatic amino acid transport

Absorption, Parasite

Poinar GO jr; Hess R; Doucet M
1981 Rev Nematol 4 (1) 35-40 Wa
parasitic juvenile mermithids (Empidomermis riouxi and undetermined species from Porcellio scaber), cuticle and hypodermis, intestine, ultrastructure, surface modifications of hypodermal and trophosome cells, possible implications for mode of uptake of nutrients

- Absorption, Parasite**
 Popiel I; Erasmus DA
 1981 J Helminth 55 (1) Mar 33-37 Wa
 Schistosoma mansoni, changes in rate of tyrosine uptake and incorporation by unisexual females after stimulation by males and male extracts, implications for reproductive development
- Absorption, Parasite**
 Roy TK; Srivastava VML
 1981 Exper Parasitol 51 (1) Feb 21-27 Wa
 Cotugnia digonopora, mechanism of leucine transport through tegument
- Absorption, Parasite**
 Rumjanek FD; Simpson AJG
 1980 Molec and Biochem Parasitol 1 (1) Mar 31-44 Wa
 Schistosoma mansoni, incorporation and utilization of radiolabelled lipids by adult schistosomes in vitro
- Absorption, Parasite**
 Soutter AM; Walkey M; Arme C
 1980 Ztschr Parasitenk 63 (2) 151-158 Wa
 Ligula intestinalis, amino acid composition in plerocercoids, and in perivisceral fluid and blood of infected Rutilus, L-leucine uptake by plerocercoids
- Absorption, Parasite**
 Thuet P; Romestand B
 1981 Arch Internat Physiol et Biochim 89 (1) Feb 15-33 Wa
 Meinertia oestroides, Anilocra physodes, osmotic and ionic regulation, water transfer as function of salinity of medium, relationship to localization on host body, hypothesis concerning mechanism of feeding; some results also for Emetha audouini
- Absorption, Parasite**
 Uglem GL
 1980 J Parasitol 66 (5) Oct 748-758 Wa
 Proterometra macrostoma, sugar transport by rediae and cercarial bodies in relation to environmental factors, no sugar transport system detected in adults or cercarial tails
- Absorption, Parasite**
 Uglem GL; Prior DJ
 1980 Exper Parasitol 50 (2) Oct 287-294 Wa
 Hymenolepis diminuta, chloride fluxes and membrane potentials associated with sodium-coupled glucose transport
- Absorption, Parasite**
 Voorheis HP
 1980 Biochem Soc Tr 8 (3) June 273-275 Wm
 Trypanosoma brucei, energized amino acid transport requires glycolytic intermediate
- Absorption, Parasite**
 Voorheis HP
 1980 Molec and Biochem Parasitol 1 (3) June 177-186 Wa
 Trypanosoma brucei and other Kinetoplastida spp., fatty acid uptake
- Absorption, Parasite**
 Wong HA; Fernando MA
 1981 Internat J Parasitol 11 (3) June 197-199 Wa
 Ancylostoma caninum, glucose absorption for glycogen synthesis, effect of temperature and glucose concentration in the presence or absence of dog serum
- Accidental parasites** See Parasites, Accidental
- Adaptation** [See also Ecology; Evolution; Genetics; Host-parasite relationships]
- Adaptation**
 Abbas AK; James SL; Sher A
 1981 J Immunol 126 (3) Mar 1022-1024 Wm
 Schistosoma mansoni, immunogenicity of haptentated skin-stage vs. lung-stage schistosomula in vitro, observations suggest that maturation of schistosomula in vivo is accompanied by decline in their immunogenicity, may be adaptive mechanism to promote survival in host environment
- Adaptation**
 Astaf'ev BA; Fedina LV
 1975 Parazitologija Leningrad 9 (4) July-Aug 321-326 Wa
 Hymenolepis nana, strains from man, white rats, and Norway rats, adaptation to white mouse, infectivity, developmental rates of tissue stages, localization of cysticercoids in small intestine and mesenteric lymph glands
- Adaptation**
 Atkinson HJ; Onwuliri COE
 1981 Exper Parasitol 52 (2) Oct 191-198 Wa
 Nippostrongylus brasiliensis, Haemonchus contortus, improved technique for measuring water content of nematodes using electronic interferometer, application to study of function of excretory ampulla of 3rd stage larvae, results suggest that ampulla is adaptation to hypotonic conditions favoring volume homeostasis that is required for optimal locomotor activity
- Adaptation**
 Babiker EA; Le Ray D
 1981 Ann Soc Belge Med Trop 61 (1) Mar 15-29 Wa
 Trypanosoma brucei gambiense, adaptation of low virulence stocks to rats and mice, evaluation of some methods previously described for enhancing trypanosome infectivity (rapid passing, drug-induced immunodepression, use of age-related receptivity), establishment of cloned pleomorphic populations
- Adaptation**
 Baker JR
 1977 Acta Trop 34 (1) Mar 7-19 Wa
 vector-borne blood parasites, morphological and physiological adaptations which facilitate transmission between invertebrate and vertebrate hosts, review
- Adaptation**
 Bayssade-Dufour C
 [1980] Ann Parasitol 54 (6) Nov-Dec 1979 593-614 Wa
 Schistosoma mansoni, pattern of cercarial chaetotaxy varies between African and American strains and between human and murine strains, adaptation of human strain to white mice, possible clinical and epidemiological implications with emphasis on situation in Guadeloupe
- Adaptation**
 Bloom BR; Tanowitz H; Wittner M
 1979 Immune Mech and Dis 69-100 Wm; Wa
 mechanisms for escape of immune surveillance by parasites, review (old-time genetic engineering; antigenic variation; antigenic mimicry and concomitant immunity; learning to live in your macrophages; jamming the immune response; subversion of the immune system)

Adaptation

- Chin W; Collins WE
1980 Am J Trop Med and Hyg 29 (6) Nov 1143-1146
Wa
Plasmodium falciparum, 3 strains isolated by culture method of Trager and Jensen, strain characteristics (sensitivity to anti-malarials, virulence of infections in Aotus monkeys, production of gametocytes) differed markedly depending on ease of adaptation to culture, implications of findings particularly as they may apply to epidemiology of chloroquine-resistant falciparum malaria

Adaptation

- Crowden AE; Broom DM
1980 Animal Behaviour London 28 (1) Feb 287-294
Wa
Diplostomum spathaceum-infected Leuciscus leuciscus because of decreased feeding efficiency spend more time in surface waters feeding which increases likelihood of fish being eaten by gull

Adaptation

- Davis JC; Camin JH
1977 J Med Entom 14 (3) Nov 30 373-378 Wa
Dermanyssus prognepphilus, stimuli (chemical and tactile), receptors, mechanism, and adaptive value of aggregation behavior, laboratory study

Adaptation

- Day JF; Benton AH
1980 Am Midland Naturalist 103 (2) Apr 333-338
Wa
siphonapteran parasites of Glaucomys volans volans have apparently separated themselves seasonally by adjusting their life history schedules so that adults of only one species of flea predominate in the nest during any given month of the year

Adaptation

- Driuchenko EA; Shishova-Kasatochkina OA
1978 Trudy Gel'mintol Lab Akad Nauk SSSR 28 92-103 Wa
nematodes, role of their protein metabolism in their adaptation to parasitism, review

Adaptation

- Ferretti G; Gabrielle F; Palmas C
1981 Internat J Parasitol 11 (6) Dec 425-430 Wa
Hymenolepis nana, development of human and mouse strains in mice of different ages and strains, "data leave little room for maintaining the diversity of H. fraterna and H. nana"

Adaptation

- Gass RF
1977 Acta Trop 34 (2) June 127-140 Wa
Plasmodium gallinaceum in Aedes aegypti given 2 consecutive blood meals, oocyst production inhibited or enhanced depending on timing of blood meals, results explained by action of host trypsin-like proteases on parasites, plasmodia 0-10 hours after blood meal are more sensitive to enzymes than later stages of parasite, suggests developmental adaptation of parasite to host's digestive processes

Adaptation

- Gloria-Bottini F
1980 Experientia 36 (5) May 15 541-543 Wa
relations between G-6-PD deficiency, thalassemia, and malaria: Sardinia; Po Valley

Adaptation

- Humphery-Smith I; Moorhouse DE
1981 Ann Parasitol 56 (3) 353-357 Wa
Ornithodoros capensis, survival in abandoned nests of Anous minutus during non-nesting season as mechanism of host acquisition when birds re-use nests: Heron Island, Capricorn Group, Great Barrier Reef

Adaptation

- Jenni L et al
1980 Nature London (5745) 283 Jan 24 383-385 Wm
Trypanosoma brucei-infected Glossina probed more frequently and fed more voraciously than uninfected flies, differences in feeding behavior result from impaired function of labral mechanoreceptors in infected flies, indicates advantageous adaptation by parasites that may have profound epidemiological and epizootiological implications

Adaptation

- Liddell KG; Lucas SB; Williams H
1981 Parasitology 82 (2) Apr 205-224 Wa
Babesia divergens (strain isolated from fatal human case)-infected Meriones unguiculatus, useful laboratory host: general course of disease, cryopreservation of infected blood, host adaptation/parasite virulence during semi-continuous passage, parasite morphology, haematological, blood biochemical, and pathological findings, immunity of recovered animals to further challenge

Adaptation

- Panfilova IM
1980 Zool Zhurnal 59 (8) Aug 1137-1147 Wa
Ixodes persulcatus, feeding females, inhibition of growth and oogenesis related to absence of fertilization, disturbances in activity of synganglion neurosecretory cells and lateral organs, dynamics of activity of different elements of neuro-endocrine system compared in feeding non-fertilized and fertilized females (these changes in non-fertilized females considered an adaptation to long wait for fertilization)

Adaptation

- Pappas PW
1980 Ohio State Univ Biosc Colloq (5) 145-172
Wm; Wa
enzyme interactions at host-parasite interface, review

Adaptation

- Pearre S jr
1979 Internat Rev Ges Hydrobiol 64 (2) 193-206 Wa
hemiid larval trematode-infected chaetognaths, morphological (gigantism) and behavioral (vertical migration to better-lit habitat) modifications, excess field mortality, lowered reproductive potential, contagious distribution of parasites within host population, may be optimal strategy to increase intermediate host predation by correct final host species and minimize damage to intermediate host population as a whole

Adaptation

- Price PW
1980 Monogr Population Biol (15) 237 pp Wa
parasites, evolutionary biology: non-equilibrium populations and communities; genetic systems; adaptive radiation and specificity; ecological niches, species packing, and community organization; impact on evolutionary biology of host

- Adaptation
 Rietschel G
 1980 Zool Jahrb Jena Abt Syst 107 (2) 265-285
 Wa
 Oestromyia leporina, egg development and adaptation; thermotactic orientation of 1st stage larvae; 2nd stage immobile and not capable of coordinated locomotion; leaving of host by mature 3rd stage induced by light; interruption of diapause by freezing or its omission by keeping host under long-day conditions during last 2-5 days of 3rd larval stage
- Adaptation
 Saz HJ
 1981 Ann Rev Physiol 43 323-341 Wa
 helminths, energy metabolisms, adaptation to parasitism, review
- Adaptation
 Schom C; Novak M; Evans WS
 1981 Parasitology 83 (1) Aug 77-90 Wa
 Hymenolepis citelli in Tribolium confusum, effect of host starvation prior to infection, parasite population size, host sex, and host genotype on host mortality or survival and on rate of parasite development, evaluation of results from genetic and evolutionary point of view
- Adaptation
 Seureau C
 1981 Ann Parasitol 56 (2) 179-181 Wa
 Maupasina weissii, encapsulation in adipose tissue of Locusta migratoria, elicitation of hemocytic reaction, shows defective adaptation of parasite to intermediate host
- Adaptation
 Sokhina LI; Koloskova TG
 1978 Trudy Gel'mintol Lab Akad Nauk SSSR 28 104-108 Wa
 nematodes of mammals, birds, or fish, enzyme activity in relation to host thermal regime, factor in adaptation to parasitism
- Adhesion See Attachment
- Adjuvants See Immunopotential
- Adoptive immunity See Immunity, Passive
- Afghanistan
 Arsen'eva LP; Neronov VM
 1980 Med Parazitol i Parazitarnye Bolezni 49 (4) July-Aug 37-42 Wa
 ticks and mites of wild and domestic animals: Afghanistan
- Africa
 Okereke TA
 1976 African J Med and Med Sc 5 (2) June 139-147 Wm
 indices of arthropod borne diseases in Africa
- Agar gel diffusion See Immunity, Precipitation
- Age [See also Longevity; Survival and viability]
- Age of host
 Abaru DE et al
 1980 Acta Trop 37 (1) Mar 63-71 Wa
 Wuchereria bancrofti, human, prevalence and density of microfilariae, clinical manifestations, host age, length of residence in endemic area, correlations: Tanzania
- Age of host
 Abdel-Wahab MF et al
 1980 Am J Trop Med and Hyg 29 (5 pt 1) Sept 868-874 Wa
 Schistosoma mansoni, human, prevalence, intensity, morbidity, host age and sex: Nile Delta village, Egypt
- Age of host
 Ade-Serrano MA; Ejezie GC
 1981 Ann Trop Med and Parasitol 75 (4) Aug 471-472 Wm
 Tunga penetrans in school children, prevalence by age and sex: Oto-Ijanikin village, Badagry, Lagos State, Nigeria
- Age of host
 Addison EM; Fyvie A; Johnson FJ
 1979 Canad J Zool 57 (8) Aug 1619-1623 Wa
 Taenia hydatigena, T. krabbei, Echinococcus granulosus, prevalence and intensity of infection in Alces alces in relation to host age, size and site of encystment of hydatid cysts: Chapleau Crown Game Preserve, northeastern Ontario
- Age of host
 Aikat BK et al
 1978 Indian J Med Research 67 Mar 381-391 Wa
 Entamoeba histolytica, human hepatic abscesses, 79 autopsy cases, host age and sex, clinicopathological manifestations
- Age of host
 Aikat BK et al
 1979 Indian J Med Research 70 Oct 563-570 Wa
 kala-azar, humans, clinical profile of cases, age and sex incidence, controlled treatment regimen: Bihar
- Age of host
 Al-Abbassy SN et al
 1980 Ann Trop Med and Parasitol 74 (2) Apr 185-187 Wa
 hydatid cysts, prevalence, localization, and fertility in slaughtered sheep (by age group), goats, cattle, and camels, reasons for lower prevalence rates than in previous surveys: Baghdad abattoir, Iraq
- Age of host
 Al-Alousi TI; Latif RMA; Al-Shenawi FA
 1980 Ann Trop Med and Parasitol 74 (5) Oct 503-506 Wa
 leishmaniasis, children, diagnosis, indirect fluorescent antibody test using dried blood on filter paper, incidence in different provinces, age groups, and sexes: Iraq
- Age of host
 Albiez EJ; Ganley JP; Buettner DW
 1981 Tropenmed u Parasitol 32 (1) Mar 25-28 Wa
 Onchocerca volvulus, human, clinical, parasitological, and ophthalmological data, host age and sex: hyperendemic village in rain forest of Liberia

Age of host

Alekseev AN; Saf'ianova VM; Karapet'ian AB
1975 Parazitologiya Leningrad 9 (3) May-June
271-277 Wa

Leishmania tropica major promastigotes, promastigotes from *Agama sanguinolenta* (conditionally *L. gymnodactyli*), infection of different species of sandflies with one species or with both species at the same time or successively, mortality rates, effect of age at time of infection; serological identification of natural infections in sandflies in Turkmenia

Age of host

Al-Taqi M; Behbehani K
1980 Ann Trop Med and Parasitol 74 (5) Oct 495-501 Wa

cutaneous leishmaniasis, human, clinical observations, host age and sex, seasonal incidence, geographical distribution, factors which may have led to spread of infection (including increase in economic activities, travellers and immigrants, change in ecological conditions): Kuwait

Age of host

Ambu S; Kwa BH
1980 J Helminth 54 (1) Mar 43-44 Wa
Taenia taeniaeformis, susceptibility of 3 different strains of rat of different ages and both sexes

Age of host

Amin OM; Burns LA; Redlin MJ
1980 Proc Helminth Soc Washington 47 (1) Jan 37-46 Issued Feb 15 Wa
Acanthocephalus parksidei in *Caecidotea militaris*, prevalence, intensity, developmental cycle, sex of parasite, age and sex of host, seasonal variations, analyses of parasite population distribution: Pike River, south-eastern Wisconsin

Age of host

Anderson RM
1980 Lecture Notes Biomath 39 278-322 Wa
mathematical framework to describe dynamics of direct life cycle helminth parasites, general properties of model with attention focused on transmission threshold and unstable break-points, methods of predicting trends in prevalence and intensity of infection within age-structured populations, dynamics of *Necator americanus* infections (model predictions compared with data from India and Taiwan), significance of seasonal climatic change and spatial heterogeneity, analysis of effectiveness of various control methods, future research needs, symposium presentation

Age of host

Andrews C
1979 J Fish Dis 2 (1) Jan 27-33 Wa
Henneguya psorospermica, prevalence of cysts in *Perca fluviatilis* (gill filaments), age of host, seasonal occurrence in adult perch: Llyn Tegid, Wales

Age of host

Anosa VO; Obi TU
1980 Zentralbl Vet Med Reihe B 27 (9-10) 773-788 Wa
haematology and incidence of blood protozoans and helminths in 4 breeds of cattle under nutritional stress, role of host age, breed, and haemoglobin type

Age of host

Applewhaite LM; Craig TM; Wagner GG
1981 Trop Animal Health and Prod 13 (1) Feb 13-18 Wa
Babesia bigemina, *B. bovis*, native and imported cattle, serological prevalence, comparison of indirect fluorescent antibody and complement fixation tests, effect of host age: Guyana

Age of host

Apt B, W
1980 Rev Med Chile 108 (3) Mar 203-209 Wm
Chagasic cardiomyopathy, humans, epidemiologic survey (including age and sex), clinical and electrocardiographic findings: Limari Valley, Chile

Age of host

Arfaa F
1981 J Family Pract 12 (2) Feb 223-226 Wm
Intestinal parasites among Indochinese refugees and Mexican immigrants resettled in Contra Costa County, California, rates of infection varied with age and sex

Age of host

Arribada A et al
1979 Rev Med Chile 107 (1) Jan 9-15 Wm
Chagas disease, epidemiologic and electrocardiographic survey of individuals of 7 villages for evidence of cardiomyopathy, comparisons by age and sex; concurrent survey for toxoplasmic infections: Elqui Valley, northern Chile

Age of host

Ashford RW et al
1979 Papua N Guinea Med J 22 (2) 128-135 Wm
Strongyloides spp., "cannot be identified... referred to as *Kanabea Strongyloides*", associated with acute edematous disease in infants, abundant in children 3 weeks to 5 years old, rare in adults, epidemiological survey, mode of transmission remains unknown: mid-mountain community, Papua New Guinea

Age of host

Ashford RW; Hall AJ; Babona D
1981 Ann Trop Med and Parasitol 75 (3) June 269-279 Wa
intestinal nematodes of man, distribution, prevalence and intensity by host age, effect of environmental influences, special reference to *Strongyloides* cf. *fuellborni*: Papua New Guinea

Age of host

Ayala SC; Bradbury J; Bradbury S
1981 Ann Parasitol 56 (1) 21-22 Wa
Hepatocystis [carpenteri] in *Hypsignathus monstrosus* in relation to host age, sex, and (female) reproductive status: Gabon, West Africa

Age of host

Ba O; Rolland A; Marshall TFC
1981 Tropenmed u Parasitol 32 (3) Sept 181-183 Wa
Onchocerca volvulus, human, relationships between microfilaruria, irreversible eye lesions, and microfilarial load in anterior segment of eye according to age and sex: North Benin

- Age of host
Babiker EA; Le Ray D
1981 Ann Soc Belge Med Trop 61 (1) Mar 15-29
Wa
Trypanosoma brucei gambiense, adaptation of low virulence stocks to rats and mice, evaluation of some methods previously described for enhancing trypanosome infectivity (rapid passaging, drug-induced immunodepression, use of age-related receptivity), establishment of cloned pleomorphic populations
- Age of host
Ballard JT; Ring RA
1979 Canad J Zool 57 (10) Oct 1980-1984 Wa
ectoparasites of Uria aalge, burdens of adults and juveniles compared and contrasted, localization on host
- Age of host
Banina NN
1975 Parazitologia Leningrad 9 (3) May-June 285-292 Wa
Aplousoma, distribution on body of young and adult fish, seasonal dynamics, morphological changes in different habitats on body
- Age of host
Barriga Angulo G; Ruiz Sanchez D
1980 Rev Latinoam Microbiol 22 (2) Apr-June 105-108 Wa
Entamoeba histolytica, patients with cervicouterine infections, characteristics of 15 cases reviewed, host age distribution, some association with cervical carcinoma: Mexico
- Age of host
Bartholomew RK; Peters PAS; Jordan P
1981 Ann Trop Med and Parasitol 75 (4) Aug 401-405 Wm
Schistosoma mansoni in St. Lucian and Kenyan communities, comparative study using quantitative Kato thick smear stool examination technique, prevalence and intensity by age and sex, results underline importance of standardized investigative methods
- Age of host
Beauvais B et al
1978 Bull Soc Path Exot 71 (2) Mar-Apr 172-181
Wa
toxoplasmosis, human, serological survey, results in relation to host age and sex, climate-soil zone, and province (with inhabitants of diverse ethnic and socio-economic groups): Gabon
- Age of host
Beck JT
1980 Am Midland Naturalist 104 (1) July 135-154
Wa
Probopyrus pandalicola on Palaemonetes paludosus, breeding season, brood size (annual and seasonal variation, relationship to host length, independent of host sex), attachment and size development of male and female parasites, host and parasite population structure and longevity: Wakulla Co., Florida
- Age of host
Behbehani K; Al-Karmi T
1980 Tr Roy Soc Trop Med and Hyg 74 (2) 209-212
Wa
Toxoplasma gondii, human, antibody prevalence in relation to host sex, age, and nationality: Kuwait
- Age of host
Bella H et al
1980 Tr Roy Soc Trop Med and Hyg 74 (1) 36-39
Wa
Schistosoma mansoni, migrant workers, prevalence (by age, sex, ethnic group, and area), morbidity: Gezira, Sudan
- Age of host
Bennett GF; Turner B; Holton G
1981 J Wildlife Dis 17 (2) Apr 213-215 Wa
hematozoa, Olor buccinator, prevalence in cygnets, second year, and adult swans, sex of host: Grande Prairie region, Alberta
- Age of host
Bettini S; Maroli M; Gradoni L
1981 Tr Roy Soc Trop Med and Hyg 75 (3) 338-344
Wa
cutaneous and visceral leishmaniasis, analysis of all recorded human cases according to their geographical, temporal, and age distribution: Tuscany, Italy
- Age of host
Beveridge I; Kummerow EL; Wilkinson P
1980 Tropenmed u Parasitol 31 (1) Mar 75-81 Wa
Onchocerca gibsoni in Bos indicus and Bos taurus, prevalence and intensity of nodules and microfilariae in cows of different age classes, nodule size and contents, observations on male and female worms and on degeneration of female worms: Australia
- Age of host
Bickle Q et al
1980 Exper Parasitol 50 (2) Oct 222-232 Wa
Schistosoma mansoni, mice, influence of host's sex, age, and strain on resistance to reinfection
- Age of host
Bienzle U; Guggenmoos-Holzmann I; Luzzatto L
1981 Internat J Epidemiol 10 (1) Mar 9-15 Wm
malaria in children (mostly Plasmodium falciparum) living in holoendemic malaria region, clinical parameters such as parasitaemia and degree of anaemia examined with respect to sex, age, haemoglobin types, and erythrocyte glucose-6-phosphate dehydrogenase variants: West Africa
- Age of host
Blancou J et al
1980 Rev Med Vet Toulouse 131 (4) Apr 305-314
Wa
parasites of Capreolus capreolus, coproscopic results grouped by host age and sex: foret des Trois-Fontaines pres de Saint-Dizier (Haute-Marne)
- Age of host
Bloomfield JA
1980 Australas Radiol 24 (3) Nov 277-283 Wm
hydatid disease, children and adolescents, radiologic diagnosis, manifestations in various organs, incidence twice as high in boys as in girls
- Age of host
Boch J; Walter D
1979 Tierarztl Umschau 34 (11) Nov 1 749-752
Wa
coccidia, cats, age prevalence, faecal and serologic survey: Sueddeutschland

Age of host

Bonucci E; Brinkmann UK; Onori E
1979 Tropenmed u Parasitol 30 (4) Dec 489-498
Wa
onchocerciasis, human, prevalence and pathological findings by age and sex, histologic changes in upper layers of dermis compared with macroscopical lesions observed, microfilariae found in number of skin snips although they had been submerged in saline for 24 hours: Southern Togo

Age of host

Bos HJ et al
1980 Am J Trop Med and Hyg 29 (3) May 358-363
Wa
Entamoeba histolytica in 9 populations, sero-epidemiology, enzyme-linked immunosorbent assay, precipitin tests, age distribution: Surinam, South America

Age of host

Brandling-Bennett AD et al
1981 Am J Trop Med and Hyg 30 (5) Sept 970-981
Wa
Onchocerca volvulus, human, prevalence and intensity, host age and sex, type of work, nodules and nodulectomy, ocular infection, quantitative relationships: Guatemala

Age of host

Breniere S; Viens P
1980 Canad J Microbiol 26 (9) Sept 1090-1095
Wa
Trypanosoma musculi, pattern of infection and antibody production in baby mice, transfer of immunity from mother mice to litter through milk, specific antibody classes involved

Age of host

Briese LA; Smith MH
1980 J Mamm 61 (4) Nov 763-766 Wa
Mastophorus muris ascaroides in Sigmodon hispidus (stomach), rate of infection varies with host age but not with season or host sex, effect of parasitism on host body composition (15 elements plus fat, ash, and water content) appears to be slight: near Aiken, South Carolina

Age of host

Broadbent EJ; Ross R; Hurley R
1981 J Clin Path 34 (6) June 659-664 Wa
Toxoplasma gondii, prevalence of antibody in pregnant women evaluated by age groups, dietary habits, and history of animal contact; indirect haemagglutination antibody test vs. indirect fluorescent antibody test

Age of host

Bruchac D et al
1979 Bratisl Lekar Listy 72 (4) Oct 420-424 Wm
trichomoniasis, incidence of vaginal infections in pre-operative patients (most frequent in ages 26-45), diagnosis by microscopic, colposcopic, and culture examinations, importance of diagnosis prior to gynecological surgical procedures

Age of host

Buckle A; Harris S
1980 J Zool London 190 (3) Mar 431-439 Wa
flea epifauna of suburban Vulpes vulpes population, infestation levels, host age and sex, seasonal variation, foxes probably obtain majority of their fleas from habitat through which they move rather than from prey items: suburban London

Age of host

Burn PR
1980 J Parasitol 66 (3) June 532-541 Wa
parasites of Liopsetta putnami, prevalence and intensity, seasonal variations, host age, frequency distributions, pathogenicity (only noted for Glugea stephani), intra-estuarine variation in parasite occurrence and abundance as possible indicator of host movement and in relation to diversity of free-living community: Great Bay Estuary, New Hampshire

Age of host

Bussieras J; Chermette R
1980 Rec Med Vet 156 (9) Sept 605-608 Wa
Demodex folliculorum, dogs, clinical signs, sex, age, and breed of host, amitraz, tolerance, results of 2 year study

Age of host

Butorina TE
1975 Parazitologia Leningrad 9 (3) May-June 237-246 Wa
parasite fauna of different intraspecific forms of Salvelinus alpinus, dynamics in relation to host age and feeding habits; some observations on life cycle, development, and maturation periods of parasites: Azabach' lake basin, Kamchatka

Age of host

Bylund G et al
1981 J Helminth 55 (1) Mar 13-20 Wa
Onchocerca tarsicola in Rangifer tarandus (tibiotarsal and radiocarpal regions of limbs), rate and intensity of infection, differences between herds and age classes, parasite nodules and adult worms, connective tissue of nodules frequently infiltrated with Fibrocystis tarandi, difficulty of isolating adult worms from host tissue, occurrence of microfilariae, worm morphology: Finland

Age of host

Cabaret J
1980 Ann Soc Belge Med Trop 60 (1) Mar 97-101
Wa
protostrongylid larvae, exper. infection in land snail vectors, infection patterns related to age of hosts and infective larvae rather than to infective dose

Age of host

Cabaret J; Dakkak A; Alahkam L
1978 Ann Soc Belge Med Trop 58 (4) Dec 309-314
Wa
Protostrongylidae, sheep, statistical method for evaluating elimination of L1 larvae in feces using nature of distribution, host age, and anthelmintic treatment

Age of host

Cabaret J; Dakkak A; Bahaida B
1980 Rev Elevage et Med Vet Pays Trop 33 (2) 159-165 Wa
protostrongylid larvae in terrestrial molluscs, degree of infestation dependent upon host age, rainfall, and season; prophylaxis against infection in sheep discussed: Rabat (Maroc)

Age of host

Cabaret J; Dakkak A; Bahaida B
1980 Vet Quart 2 (2) Apr 115-120 Wa
protostrongylids of sheep, prevalence, factors influencing output of larvae (seasonal variation, density of worm populations, age of host, treatment with tetramisole or fenbendazole, lambing): Morocco

- Age of host
Cambon M et al
1980 Actualites Odonto-stomatol (130) 279-286
Wm
Trichomonas tenax, Entamoeba gingivalis, incidence in human oral cavity, predisposing factors (age, dental hygiene, disease, alcohol consumption)
- Age of host
Camp JW jr; Huizinga HW
1980 J Parasitol 66 (2) Apr 299-304 Wa
Acanthocephalus dirus in Semotilus atromaculatus and Asellus intermedius, seasonal population interactions, prevalence and density, host size, parasite localization in intestine, parasite sex ratios: Illinois
- Age of host
Canaris AG; Mena AC; Bristol JR
1981 J Wildlife Dis 17 (1) Jan 57-64 Wa
parasites, Anas crecca, prevalence and mean intensity of infection in migrating adults and juveniles: southwest Texas
- Age of host
Cawthorn RJ; Anderson RC
1980 J Wildlife Dis 16 (3) July 363-365 Wa
Diplotriciaena tricuspidis in Corvus brachyrhynchos (air sacs), prevalence and intensity of infection, sex of parasite, age and sex of host: Essex County, southwestern Ontario
- Age of host
Cechova L; Leifertova I; Lisa M
1981 Sborn Lekar 83 (1) 41-45 Wm
Entamoeba gingivalis, humans, incidence survey (by age and sex): Czechoslovakia
- Age of host
Chakrabarti A et al
1981 Ann Trop Med and Parasitol 75 (3) June 353-357 Wa
Sarcoptes scabiei var. bubalis, human scabies from contact with infested water buffaloes, clinical symptoms, incidence, recovery rate of mites, occupations (animal attendants and milkmen), age and sex distribution, distribution of sites of lesions: Calcutta, India
- Age of host
Chamorro-Mera C; Hurtado-Lopez M; Angel-Arango E
1979 Rev Interam Radiol 4 (2) Apr 63-73 Wm
Toxoplasma gondii, clinical, radiological, and pathological findings of 44 cases, intracranial calcification of diagnostic significance, mostly males and neonates affected
- Age of host
Chaves FJZC et al
1977 Am J Gastroenterol 68 (2) Aug 134-139 Wm
E[ntamoeba] histolytica, assessment of clinical and pathological findings in 56 patients with hepatic abscesses, male black patients 20-39 years old were most frequently affected: Luanda University Hospital, Angola
- Age of host
Chhabra MB; Gautam OP
1980 Equine Vet J 12 (3) July 146-148 Wa
Toxoplasma gondii antibodies in equids, prevalence detected by indirect haemagglutination test, steady increase with host age: north India
- Age of host
Chhabra MB; Mahajan RC
[1980] Riv Parassitol Roma 39 (2-3) 1978
39-43 Issued Jan Wa
Toxoplasma gondii, sero-prevalence in Bubalus bubalis, according to age and sex of host
- Age of host
Chiriboga J; de Leon D; Rodriguez-Frias J
1980 J Agric Univ Puerto Rico 64 (1) Jan 93-106 Wa
Fasciola hepatica, dairy cattle, infection rate, host age, seasonal distribution, snail surveillance, serum glutamic oxalacetic transaminase levels, transmission not year around, no effective control: Puerto Rico
- Age of host
Chlebowski HO; Zielke E
1980 Tropenmed u Parasitol 31 (3) Sept 339-344 Wa
Wuchereria bancrofti, Onchocerca volvulus, human, single or mixed infections, host age and sex, side effects observed during diethylcarbamazine treatment campaign: Liberia
- Age of host
Chopra JS; Kaur U; Mahajan RC
1981 Tr Roy Soc Trop Med and Hyg 75 (4) 518-520 Wa
Cysticercus cellulosae (Taenia solium), human, cysticercus haemagglutination test used to estimate probable incidence of seropositivity, almost equal in male and female patients, less in children than adults, did not appear to be related to duration of epilepsy
- Age of host
Coffman CC
1972 Diss (South Dakota State Univ) 107 pp Ann Arbor Michigan Wa (DISS 72-33,332)
Geomylichus geomydis n. sp. from Geomys b. bur-sarius, rates of infestation by season, sex of host, and age of host, statistical analysis and comparison with 4 other major ectoparasite populations (parasite age & sex structures, total and mean population densities, mean seasonal percent), distribution and behavior on host body, observations on eggs, survival after removal from host, body weights, life cycle
- Age of host
Collins WE et al
1980 Am J Trop Med and Hyg 29 (6) Nov 1220-1222 Wa
Onchocerca volvulus, human, indirect fluorescent antibody test using fixed-tissue sections of adult worms as antigen, antibody responses in relation to host age, sex, presence or absence of microfilariae, and microfilarial density, application in epidemiological studies appears limited until level of false negative responses is markedly reduced: Guatemala
- Age of host
Copland JW
1981 J Fish Dis 4 (3) May 231-242 Wa
Myxidium giardi, prevalence in wild and cultured Anguilla anguilla, description and distribution of trophozoites, first description of coelozoic trophozoite, apparent (host) age related pattern in organ location of histozoic trophozoite: England

- Age of host
Cross JH; Basaca-Sevilla V
1981 Southeast Asian J Trop Med and Pub Health 12 (2) June 262-274 Wa
intestinal parasitic infections, Southeast Asian populations, prevalence by age and sex, fecal and serological survey: Philippine Islands and Indonesia
- Age of host
Custer JW; Pence DB
1981 J Parasitol 67 (3) June 289-307 Wa
helminths of wild canids (*Canis rufus*, *C. latrans*, and their hybrids), prevalence, density, effect of hosts' age, sex, and taxonomic category, helminth species associations, sex ratio of heartworms and hookworms, host heart and spleen weights, geographical diversity, organization of species in helminth communities (importance values, multivariate analyses): Gulf Coastal prairies of Texas and Louisiana compared with other regions in North America
- Age of host
Custer JW; Pence DB
1981 Vet Parasitol 8 (1) Feb 71-82 Wa
Dirofilaria immitis from *Canis latrans*, *C. rufus gregoryi*, and *C. latrans* x *C. rufus gregoryi* hybrids, prevalence and intensity, host age and sex, parasite sex ratio and localization, pathological responses, wild canids from this area are regarded as natural definitive hosts and primary reservoirs for heartworms, appears that this infection is important factor in morbidity and mortality of these hosts: Gulf coastal prairies of Texas and Louisiana, U.S.A.
- Age of host
Cutler D et al
1974 Am J Gastroenterol 62 (4) Oct 345-349 Wm
necrotic amebic colitis, clinical diagnostic symptoms, surgical and autopsy findings, more frequent illness in adults than in children, high rate of mortality in adults
- Age of host
Dada BJO
1980 J Helminth 54 (4) Dec 281-286 Wa
taeniasis, cysticercosis, hydatidosis, human, prevalence based on retrospective analysis of hospital records, distribution of taeniasis by host age and sex, hydatid disease recorded only once and cysticercosis not recorded at all: Nigeria
- Age of host
Dajani YF; Khalaf FH
1981 Ann Trop Med and Parasitol 75 (2) Apr 175-179 Wa
hydatidosis, *Cysticercus tenuicollis*, sheep and goats, prevalence and intensity, host age, cyst localization, size, and fertility, one goat had multilocular cysts which may have been *Echinococcus multilocularis*; *Taenia* spp. including *T. hydatigena*, *E. granulosus*, prevalence in stray dogs: Jordan
- Age of host
Dar MS et al
1980 Tr Roy Soc Trop Med and Hyg 74 (3) 303-306 Wa
Oestrus ovis, human ophthalmomyiasis, incidence, seasonal variation, host age and sex distribution, typical case history: Benghazi area, Eastern Libya
- Age of host
Davidson WR et al
1980 J Wildlife Dis 16 (4) Oct 499-508 Wa
Haemonchus contortus in *Odocoileus virginianus*, monthly (Oct.-Mar.) prevalence and intensity of infection in fawns and adults, haemonchosis/malnutrition syndrome, geographic distribution, worm recovery rates, prepatent periods, and egg production in immunized vs. nonimmunized deer exposed to challenge suggested a naturally-acquired immunity: Georgia; South Carolina; Florida
- Age of host
Davidson WR; Kellogg FE; Doster GL
1980 J Wildlife Dis 16 (3) July 367-375 Wa
helminths, *Colinus virginianus*, monthly prevalences and intensities, age of host: Leon County, Florida
- Age of host
Dawkins HJS et al
1980 Internat J Parasitol 10 (2) Apr 125-129 Wa
Strongyloides ratti, 11 inbred strains of mice and 1 outbred strain, susceptibility to infection, effect of host age, host sex, dose, and route of injection, resistance to challenge infection; C57Bl/6 and CBA mice may provide useful model hosts
- Age of host
Detet JP et al
1979 Bull Soc Path Exot 72 (3) May-June 245-253 Wa
cutaneous leishmaniasis, humans, epidemiology, occurrence by age groups, pathology: focus in Thies area, Senegal, West Africa
- Age of host
Detet JP et al
1979 Bull Soc Path Exot 72 (5-6) Sept-Dec 451-461 Wa
leishmaniasis, human cutaneous infections, survey, epidemiologic indices (age, skin tests, yearly variations): region de Thies, Senegal
- Age of host
Deelder AM et al
1980 Am J Trop Med and Hyg 29 (3) May 401-410 Wa
Schistosoma mansoni, children vs. adults, applicability of 7 different antigen preparations in enzyme-linked immunosorbent assay: Surinam
- Age of host
Degremont A; Weiss N
1980 Acta Trop 37 (4) Suppl 11 Dec 56-62 Wa
schistosomiasis, filariasis, amoebiasis, school children, serological survey, host age: Ivory Coast
- Age of host
Dick TA; Leonard RD
1979 J Wildlife Dis 15 (3) July 409-412 Wa
helminths, *Martes pennanti*, prevalence, age of host: Manitoba, Canada
- Age of host
Dick TA; Silver BB
1980 J Parasitol 66 (3) June 472-477 Wa
Trichinella spiralis, intestinal distribution in mature and suckling rats after oral infection and after surgical inoculation into intestine

- Age of host
Djibrilla Kaou B et al
1979 Bull Soc Path Exot 72 (5-6) Sept-Dec 442-450 Wa
leishmaniasis, human cutaneous infections, epidemiological aspects (age, sex, seasonal distribution, localization of lesions): Nord Cameroun
- Age of host
Domingo EO et al
1980 Am J Trop Med and Hyg 29 (5 pt 1) Sept 858-867 Wa
Schistosoma japonicum, human, prevalence, intensity, morbidity, host age and sex: Leyte, Philippines
- Age of host
Doster GL; Wilson N; Kellogg FE
1980 J Wildlife Dis 16 (4) Oct 515-520 Wa
ectoparasites, *Colinus virginianus*, prevalence, geographic location, host age, and number of quail infested with each species: southeast-ern United States
- Age of host
Draeger N; Paine GD
1980 J Wildlife Dis 16 (4) Oct 521-524 Wa
Demodex cafferi in Syncerus caffer caffer (skin), sex and age prevalence, histopathology: Savuti, Chobe National Park, Botswana; Khwai, Ngamiland, Botswana
- Age of host
Dutta SN; Diesfeld HJ
1978 Indian J Med Research 67 Apr 553-561 Wa
W[uchereria] bancrofti, human, indirect immunofluorescent test using Dipetalonema viteae antigen, titres in relation to microfilarial density and host age and sex, comparison of subjects from non-endemic area with those from endemic area around Dhanbad coalmines
- Age of host
Dyer WG; Brandon RA; Price RL
1980 Proc Helminth Soc Washington 47 (1) Jan 95-99 Issued Feb 15 Wa
gastrointestinal helminths of *Desmognathus fuscus*, relationship of prevalence and intensity to age and sex of host: southern Illinois
- Age of host
Ejezie GC
1981 Acta Trop 38 (1) Mar 79-84 Wa
parasitic diseases of school children, prevalence in 2 age groups: Lagos State, Nigeria
- Age of host
Ejezie GC; Ade-Serrano MA
1981 Trop and Geogr Med 33 (2) June 175-180 Wa
Schistosoma haematobium, primary school children, study on prevalence, intensity, and morbidity of infection (physical status, age, school performance, school attendance), concluded that only minimal morbidity is associated with infection in the Badagry area: Nigeria
- Age of host
Eling WMC
1980 Exper Parasitol 49 (1) Feb 89-96 Wa
Plasmodium berghei, mice, premunition, sterile immunity, and loss of immunity, host age differences
- Age of host
El Khamlichi A et al
1980 Maroc Med [n s] 2 (1) Mar 85-90 Wm
echinococcosis, ataxic forms of cerebral hydatid cysts, affect children and mostly female children, case reviews, clinical reviews
- Age of host
El-Shabrawy MN; Imam EA
1979 Vet Med J Giza 26 (26) 1978 207-214 Issued Aug 8 Wa
intestinal protozoa (with some illustrations and descriptions), dogs, incidence higher in old vs. young and males vs. females: Cairo, Giza and their suburbs, Egypt
- Age of host
Erber M; Geisel O
1981 Ztschr Parasitenk 65 (3) 283-291 Wa
Sarcocystis equicanis, *S. fayeri*, horses (muscles), abattoir survey, prevalence by host age group, isolation and differentiation of sarcocysts in fresh preparations and by histopathological examination, morphology, experimental infection in dogs, ponies subsequently infected showed no clinical signs but showed different developmental stages of both species of sarcocysts in muscles
- Age of host
Eutrope R; Juminer B
1978 Bull Soc Path Exot 71 (3) May-June 275-279 Wa
intestinal parasites, children, fecal survey, age distribution: laboratoire du Centre Hospitalier de Cayenne, Guyane
- Age of host
Evans NA; Whitfield PJ; Dobson AP
1981 Parasitology 83 (1) Aug 1-12 Wa
Echinoparyphium recurvatum metacercarial cysts in 7 species of mollusc, prevalence and intensity, frequency distributions within host populations, different host size classes, relative contribution of each host species to flow of parasites through community: Harting Pond, West Sussex
- Age of host
Ewen AB; Mukerji MK
1980 J Invert Path 35 (3) May 295-303 Wa
Nosema locustae, field trial evaluation as grasshopper control agent, infectivity, host age factors, effect on populations and reproductive potential: Saskatchewan, Canada
- Age of host
Eysker M
1981 Research Vet Sc 30 (1) Jan 62-65 Wa
Haemonchus contortus, *Ostertagia circumcincta*, inhibited development, conditioning effect of standard culture conditions at different times of year in lambs of increasing age, effect of prolonging culture period to 12 day period, effect of storage of infective larvae at 15°C or 16°C and 4°C
- Age of host
Fahy E
1980 J Fish Biol 16 (1) Jan 99-104 Wa
Eubothrium crassum in migratory *Salmo trutta*, incidence, worm burden, worm length, host age: off the Irish coast of Irish Sea

- Age of host
Fannally MT
1980 Proc Louisiana Acad Sc 43 Dec 26-29 Wa
Oleocira praegustator on Brevoortia patronus, life history, host lengths, parasite lengths, parasite sex distribution, effect on host: Lake Pontchartrain, Louisiana
- Age of host
Felgner P et al
1981 Tropenmed u Parasitol 32 (3) Sept 134-140 Wa
Trypanosoma brucei gambiense, human, prevalence by age and sex, parasitological examination (hematocrit centrifugation technique, subinoculation into Mastomys natalensis, miniature anion exchange centrifugation method), immunodiagnostic examination (enzyme-linked immunosorbent assay, indirect immunofluorescent test, radial immunodiffusion for IgM concentrations): Ivory Coast; Upper Volta
- Age of host
Ferraroni JJ; Hayes J
1979 Acta Amazonica 9 (3) Sept 471-479 Wa
Plasmodium falciparum, P. vivax, humans, incidence by age, sex, month, and year: Amazonas, Brasil
- Age of host
Ferretti G; Gabrielle F; Palmas C
1981 Internat J Parasitol 11 (6) Dec 425-430 Wa
Hymenolepis nana, development of human and mouse strains in mice of different ages and strains, "data leave little room for maintaining the diversity of H. fraterna and H. nana"
- Age of host
Ferrucci M; Dall'Ara G
1980 Ann Sclavo 22 (4) July-Aug 606-623 Wm
toxoplasmosis and rubella, antibody prevalence survey comparing prepuberal girls and adult fecund women, epidemiologic and prophylactic applications: Ferrara, Italy
- Age of host
Fleming WJ; Georgi JR; Caslick JW
1979 Proc Helminth Soc Washington 46 (1) Jan 115-127 Issued Mar 14 Wa
parasites of Marmota monax, incidence, seasonal occurrence related to host activities, effect of host hibernation on parasite populations, some host age and specificity studies: Tompkins County, New York
- Age of host
Foba-Pagou R et al
1980 Bull Soc Path Exot 73 (2) Mar-Apr 171-178 Wa
intestinal helminths, humans, prevalence survey (by age and sex) before and after mebendazole therapy, results of meat inspection at local abattoirs for presence of Cysticercus bovis: Cameroun
- Age of host
Frame AD et al
1980 J Parasitol 66 (4) Aug 698-699 Wa
Fasciola hepatica, dairy cattle, high prevalence, oldest cows had highest rate of infection: Puerto Rico
- Age of host
Frenkel JK; Ruiz A
1980 Am J Trop Med and Hyg 29 (6) Nov 1167-1180 Wa
Toxoplasma gondii, human, prevalence and distribution of antibody titers by age; antibody prevalence and cat contact; correlation of antibody status with preparation of meat and eggs; correlation with cat and soil contact; antibody prevalence by economic status, residence, and cat contact; type of kitchen floor and cat contact; occupation, sex, and antibody prevalence; animal contact: Costa Rica
- Age of host
Frenkel JK; Ruiz A
1981 Am J Epidemiol 113 (3) Mar 254-269 Wa
Toxoplasma antibody prevalence in humans, cats, and intermediate hosts, chain of transmission (environmental factors, rural and urban living, soil contact, human association with cats, cat density, and host age): Costa Rica
- Age of host
Frenzel A et al
1979 Rev Med Chile 107 (4) Apr 343-351 Wm
intestinal parasites, young children, relationship to infections in persons preparing the children's food and in sanitary conditions in their homes: Chile
- Age of host
Fried B; Gainsburg DM
1979 Proc Helminth Soc Washington 46 (2) July 277-278 Issued Aug 14 Wa
Zygodotyle lunata, domestic chicks (exper.), reinfection occurred after second exposure; age resistance to infection indicated
- Age of host
Gabaldon A; Ulloa G
1980 Tr Roy Soc Trop Med and Hyg 74 (4) 501-507 Wa
avian malaria, high parasite rates in nestlings, low rates in adult birds, high densities and sporozoite rates of local vector Aedeomyia squamipennis and increasing parasite rates in nestlings with age suggest great intensity of transmission, situation is regarded as form of holoendemicy which is probably cause of population control, possibility of parasite hybridization: Venezuela
- Age of host
Ganley JP; Comstock GW
1980 Am J Epidemiol 111 (2) Feb 238-246 Wa
Toxoplasma gondii, immunofluorescent dye titers in humans, positive association with increasing age, possession of farm animals, and residence in older house, negative association with possession of cats: Washington County, Maryland
- Age of host
Gentilini M et al
1981 Tr Roy Soc Trop Med and Hyg 75 (3) 455-460 Wa
imported malaria, human, 443 cases from 1970 to 1979, annual and monthly distribution, species of plasmodia, nationality, origin of infection, host age and sex, incubation period, signs and symptoms, diagnosis, circumstances of appearance, treatment: hospital in Paris, France

Age of host

Ghorbani M; Edrissian GH; Afshar A
1981 Tr Roy Soc Trop Med and Hyg 75 (1) 38-40
Wa
toxoplasmosis, human, distribution of
antibodies by age group, sex, and ethnic
group: mountainous regions of north-west and
south-west parts of Iran

Age of host

Gingrich RE
1980 Vet Parasitol 7 (3) Nov 243-254 Wa
Hypoderma lineatum, cattle, innate and acquired
resistance, effects of host age, previous in-
festation, vitamin A deficiency, route and
site of infestation

Age of host

Giuliani G et al
1978 Ann Sclavo 20 (2) Mar-Apr 206-216 Wm
Toxoplasma gondii, humans, distribution of
antibodies in relation to age, survey using
Sabin-Feldman dye test: Turin, Italy

Age of host

Glenn CL
1980 Canad J Zool 58 (2) Feb 252-257 Wa
parasitic infections in Hiodon tergisus, preva-
lence and intensity by season and host age:
Assiniboine River, Brandon, Manitoba

Age of host

Glowniak C; Kowalska G
1979 Wiadom Lekar 32 (17) Sept 1 1205-1212 Wm
Lambliia intestinalis and intestinal helminths,
children up to 1 year of age, incidence survey
(by age and sex): Province of Rzeszow, Poland

Age of host

Goddard MJ; Jordan P
1980 Tr Roy Soc Trop Med and Hyg 74 (2) 185-191
Wa
Schistosoma mansoni, human, fluke life-span in
hosts of different ages, statistical analysis:
St. Lucia, West Indies

Age of host

Gordon MJ; Swan BK; Paterson CG
1979 Canad J Zool 57 (9) Sept 1748-1756 Wa
Unionicola formosa in Anodonta cataracta, life
history, seasonal variations, incidence of in-
fection and host loading increases with host
length, no selectivity for host sex, parasite
sex ratio and male-female associations

Age of host

Grainger CR
1980 Tr Roy Soc Trop Med and Hyg 74 (3) 296-299
Wa
Pediculus humanus capitis, children, incidence
in relation to age, sex, urban vs. rural areas,
and social background: Mahe, Seychelles

Age of host

Grzywinski L; Poznanski W
1981 Med Wet 37 (1) Jan 15-16 Wa
Oesophagostomum dentatum, pigs given thiaben-
dazole at various ages, differences in body
weight gains

Age of host

Gusev AV
1976 Indian J Helminth 25-26 1973-1974 241 pp
Issued Apr 7 Wa
Monogenoidea of freshwater fish, systematics,
morphology, evolution, host age and size
factors, attachment to host, zoogeographic
analysis of Indian and other faunas

Age of host

Guth BD et al
1979 Proc Helminth Soc Washington 46 (1) Jan
58-63 Issued Mar 14 Wa
schistosomes in birds (feces), causative agents
of swimmer's itch, prevalence, correlation
with host age (hatching-year vs. after hatch-
ing-year): lower Michigan

Age of host

Haensel R; Manuwald O
1980 Ztschr Ges Hyg u Grenzgebiete 26 (11) Nov
821-824 Wm
Pediculus capitis, schoolchildren, seasonal
incidence as related to climatic differences
and host age: county of Suhl

Age of host

Hall CA; Martin ICA; McDonell PA
1980 Research Vet Sc 29 (2) Sept 181-185 Wa
Lucilia cuprina, merino sheep, method described
for showing differences in moisture content of
wool according to anatomical site, age, sex,
strain of merino, and lesions of active fly-
strike, incidence of natural flystrike recorded
and related to higher levels of moisture con-
tent

Age of host

Haller L
1980 Acta Trop 37 (4) Suppl 11 Dec 41-55 Wa
parasites of school children, prevalence and
intensity, 4 age groups: Ivory Coast

Age of host

Haq N; Reisen WK; Aslamkhan M
1981 J Invert Path 37 (3) May 236-242 Wa
Nosema algerae in Anopheles stephensi (exper.),
effects of different spore dosages on horizon-
tal life table attributes of mosquitoes
reared under controlled insectary conditions,
implications for biological control of this
malaria vector mosquito

Age of host

Harrison LJS; Sewell MMH
1981 Vet Immunol and Immunopath 2 (1) Feb 67-73
Wa
Taenia saginata, 3-12 month old calves and
neonatal calves (exper.), serological
response, comparison of enzyme linked
immunosorbent assay and indirect
haemagglutination technique

Age of host

Hashemi-Nasab A; Zadeh-Shirazi H
1980 J Trop Med and Hyg 83 (3) June 119-122 Wa
visceral leishmaniasis (kala-azar), 130 cases,
age and sex distribution, clinical and haemato-
logical data, mortality rate, complications,
response to therapy, use of immunofluorescence
for diagnosis: Fars Province, Iran

- Age of host
Hassan HA; Ezzat W; Lebshtein A
1979 J Egypt Pub Health Ass 54 (1-2) 65-75 Wm
scabies, primary school children, increasing incidence, epidemiological survey shows that those most affected are older boys and those from overcrowded homes that lack cleanliness: Cairo, Egypt
- Age of host
Healing TD
1981 Parasitology 83 (1) Aug 179-189 Wa
blood parasites in small rodents, prevalence in relation to year, season, host age, and host sex, concurrent infections: British Isles
- Age of host
Herlich H
1980 Am J Vet Research 41 (2) Feb 259-261 Wa
Ostertagia ostertagi, cattle, infection and reinfection in different age groups
- Age of host
Herrer A; Christensen HA
1980 Am J Trop Med and Hyg 29 (6) Nov 1196-1200 Wa
Leishmania braziliensis in Choloepus hoffmanni (skin, blood, liver, spleen, bone marrow, lung tissues) in relation to host age, nature and course of infection, improved detection of natural infections resulting from increased tissue sampling in culture techniques, considered to be principal reservoir host: Panama
- Age of host
Hiatt RA et al
1980 Am J Trop Med and Hyg 29 (6) Nov 1228-1240 Wa
Schistosoma mansoni, prospective community-based study of infection after interruption of transmission by nonchemotherapeutic control measures, snail occurrence and infection rates, prevalence and intensity of human infections by age and sex, incidence of new infections, water-contact behavior, socio-economic factors, results show slow decline in prevalence and intensity despite low rate of transmission: Boqueron, Puerto Rico
- Age of host
Hillyer GV; Lluberes R; Ramirez Ronda C
1981 Bol Asoc Med Puerto Rico 73 (2) Feb 50-55 Wm
Schistosoma mansoni, humans, incidence survey (by age and sex) using the circumoval precipitin test, findings suggest that infection is more widespread than previously reported: Puerto Rico
- Age of host
Hinaidy HK
1981 Wien Tierarztl Monatsschr 68 (2) Feb 52-57 Wa
bovine babesiasis, incidence and prevalence by month of year and host age, geographic distribution, results of field survey and data obtained from veterinary practitioners and authorities: Osterreich
- Age of host
Hinaidy HK; Supperer R
1979 Wien Tierarztl Monatsschr 66 (10) Oct 281-284 Wa
Sarcocystis suicanis, S. suihominis, pigs, incidence, sows more frequently infected than young pigs, mixed infections: Schlachthof St. Marx, Wien, Osterreich
- Age of host
Hira PR; Patel BG
1980 Trop and Geogr Med 32 (1) Mar 23-29 Wa
Strongyloides fuelleborni, humans, diagnosis in fecal material, culture to free living stage, prevalence compared with S. stercoralis, sex and age groups of patients, possibly endemic in man rather than zoonotic: Zambia
- Age of host
Hoffman SL et al
1981 Am J Trop Med and Hyg 30 (2) Mar 340-343 Wa
intestinal parasites in Indochinese immigrants, Cambodians and Laotians had higher rate of multiple parasites than Vietnamese, Giardia lamblia was more prevalent in children: clinics in San Diego, California
- Age of host
Hon LT; Forrester DJ; Williams LE jr
1978 Proc Helminth Soc Washington 45 (2) July 211-218 Issued Aug 30 Wa
helminths of Meleagris gallopavo osceola, host age at acquisition, prevalence and intensity, patterns of seasonal occurrence, factors affecting these patterns (host age; food habits; climatic conditions; helminth life cycles and longevity): Lykes Fisheating Creek Wildlife Management Area and Refuge, southern Florida
- Age of host
Hsu SYL; Hsu HF; Burmeister LF
1981 Exper Parasitol 52 (1) Aug 91-104 Wa
Schistosoma mansoni, mice, vaccination with highly x-irradiated cercariae, bioengineering method used to improve immunization effect, age susceptibility to infection and duration of acquired immunity also studied
- Age of host
Hugonnet L; Euzéby J
1980 Bull Acad Vet France 133 n s 53 (1) Jan-Mar 77-85 Wa
parasites of Rupicapra rupicapra, degree of infestation correlated with host age: reserve nationale des Bauges (Savoie)
- Age of host
Huldt G; Lagercrantz R; Sheehe PR
1979 Acta Paediatr Scand 68 (5) Sept 745-749 Wm
Toxoplasma, epidemiology, especially in children: Scandinavia
- Age of host
Hurley JC; Day KP; Mitchell GF
1980 Austral J Exper Biol and Med Sc 58 (3) June 231-240 Wa
Nematospiroides dubius, accelerated rejection of intestinal worms in mice sensitized with adult worms or worm products by various routes, host age, sex, and strain as factors; some slight degree of cross-sensitization with Nippostrongylus brasiliensis
- Age of host
Hussein HS
1980 Ann Trop Med and Parasitol 74 (5) Oct 531-539 Wa
Ixodes trianguliceps on small mammals, seasonal variations in infestation rate related to temperature, infestation rate on male, female, and juvenile hosts, natural and experimental transmission of Babesia microti, I. canisuga experimentally transmitted B. microti but less efficiently: north-western England

- Age of host
Ikeda T et al
[1980] J Parasitol 65 (6) Dec 1979.855-861 Is-
sued Apr 2 Wa
Onchocerca volvulus, human, evaluation of in-
direct hemagglutination test for serodiagnostic
purposes and sero-epidemiological analysis,
age and sex distribution of IHA positives in
areas of high, medium, and low endemicity:
Guatemala
- Age of host
Islam AWMS
1980 Vet Parasitol 7 (2) Sept 103-107 Wa
hydatid disease, goats, incidence in hosts of
different ages and in different organs, sever-
ity of infection in liver and lungs, compara-
tive rate of different types of cysts (fertile,
sterile, calcified, suppurative, undeveloped):
Bangladesh
- Age of host
Issoufa H; Monekosso G; Ripert C
1979 Bull Soc Path Exot 72 (2) Mar-Apr 135-144
Wa
dracontiasis, humans, epidemiology, incidence
by age and sex, seasonal distribution, body
localizations, worm burden: endemic area of
Nord-Cameroun
- Age of host
Jacobson HA; Hetrick MS; Guynn DC
1981 J Wildlife Dis 17 (1) Jan 79-87 Wa
Cuterebra emasculator myiasis in Sciurus spp.,
seasonal prevalence, sex and age of host,
larval development sites, host habitats, para-
site fecundity under laboratory conditions:
Mississippi
- Age of host
Jacobson HA; McGinnes BS; Catts EP
1978 J Wildlife Dis 14 (1) Jan 56-66 Wa
Cuterebra myiasis, cottontail rabbits, season-
al occurrence, host age and sex prevalence,
larval development sites; laboratory and field
observations on life history and biology of
C. buccata, sex ratio for reared flies: Vir-
ginia
- Age of host
Jancloes MF; Cornet P
1980 Rev Epidemiol et San Pub 28 (1) Apr 30 89-
103 Wm
intestinal nematodes, villagers in rural areas,
extensive epidemiological survey to ascertain
incidence by age and sex prior to launching an
extensive control campaign: Zaire
- Age of host
Janusz J
1979 Acta Ichthyol et Piscat 9 (2) 37-54 Wa
Clavella adunca on Gadus morhua, incidence,
intensity, distribution, site of attachment,
body measurements, host age and sex: North
Atlantic waters
- Age of host
Jimenez-Albarran M; Guevara Pozo D
1977 Rev Iber Parasitol 37 (3-4) July-Dec
355-363 Wa
Fasciola hepatica in Lymnaea truncatula (ex-
per.), age when most susceptible to infection,
effect of host age on emission of cercariae
- Age of host
Joesoef A; Dennis DT
1980 Southeast Asian J Trop Med and Pub Health
11 (1) Mar 43-47 Wa
intestinal and blood parasites of man, preva-
lence by host age and sex: Alor Island in
East Nusa Tenggara Islands of Indonesia
- Age of host
Johnson AM; Roberts H; McDonald PJ
1980 J Hyg Cambridge 84 (2) Apr 315-320 Wa
Toxoplasma gondii, humans, age-sex distribu-
tion of antibodies, indirect immunofluores-
cence: South Australia
- Age of host
Johnson S; Joshi V
1979 Tr Indian Soc Desert Technol and Univ Cent
Desert Studies 4 (2) July 79-83 Wa
Dracunculus medinensis, humans, epidemiologic
survey in 18 villages, incidence by sex, age,
and caste of host, duration of infection,
water supply as source of contamination: Jodh-
pur District, Rajasthan
- Age of host
Jordan P; Bartholomew RK; Peters PAS
1981 Ann Trop Med and Parasitol 75 (1) Feb
35-40 Wa
Schistosoma mansoni, human, community study of
quantitative egg excretion assessed by Bell
vs. Kato techniques, prevalence and intensity
by host age groups: St. Lucia
- Age of host
Joseph A et al
1979 Bull Soc Path Exot 72 (1) Jan-Feb 40-50 Wa
Onchocerca volvulus and other filariasis (par-
ticularly Dipetalonema perstans), humans, sur-
vey (by age) of clinical and parasitological
parameters affecting host biochemistry (serum
proteins, immunoglobulins, vitamins, minerals):
Cameroun
- Age of host
Kamiya H et al
1980 Japan J Exper Med 50 (5) Oct 375-382 Wa
Schistosoma japonicum, prevalence in Rattus
rattus mindanensis by month, host age, and
host sex, distribution of eggs in various
organs, COP reaction of sera, prevalence of
cercariae in Oncomelania quadrasi by month:
Dagami, Leyte, Philippines
- Age of host
Kasai Y et al
1980 Ann Surg 191 (2) Feb 145-152 Wm
alveolar echinococcosis, human liver, clinical
manifestations and proposed staging, diagnostic
procedures, surgical aspects and outcome,
epidemiological considerations: Japan
- Age of host
Kennedy CR
1981 J Fish Biol 19 (2) Aug 221-236 Wa
eyeflukes in Perca fluviatilis, long term
studies on population biology: Diplostomum
gasterostei, changes in infrapopulation size
(monthly and annual changes in infection levels
in all perch and in young perch only, changes
in frequency distribution); Tylodelphys clava-
ta, changes in infrapopulation size (monthly
and annual changes in infection levels in all
perch and in young perch only); interactions
between species; Tylodelphys podicipina,
changes in infrapopulation size: Slapton Ley,
Devon

Age of host

Kennedy CR

1981 Parasitology 82 (2) Apr 245-255 Wa
Tylodelphys podicipina, introduction, establishment, and population biology in perch in small lake, changes in prevalence, intensity, and dispersion of infection in each year class of host over period of 2 years, no evidence of parasite-induced host mortality: Britain

Age of host

Kennedy CR; Burrough RJ

1981 J Fish Biol 19 (1) July 105-126 Wa
Ligula intestinalis in *Rutilus rutilus*, introduction, establishment, and subsequent history of parasite population: origin of infection; distribution of infections in relation to size and age of fish; seasonal and annual changes in infection levels and within *Ligula* population (prevalence and intensity of infection, growth of parasite, index of parasitization, frequency distribution): Slapton Ley, Devon, U.K.

Age of host

Kepka O; Skofitsch G

1979 Mitt Naturw Ver Steiermark 109 283-307

Wa

Frenkelia glareoli in *Clethrionomys glareolus*, intensity and extensity of infection dependent upon host age, mixed infection with *Toxoplasma gondii* rare and has either lethal or immunizing effect: Deutschland; Osterreich

Age of host

Khan RA; Murphy J; Taylor D

1980 Canad J Fish and Aquatic Sc 37 (10) Oct

1467-1475 Wa

Trypanosoma murmanensis, prevalence in *Gadus morhua* in relation to stocks, effect of sex and age of host on prevalence: Newfoundland area

Age of host

Killion LL; Desowitz RS; Wiebenga NH

1981 Hawaii Med J 40 (7) 178-179 Wm

Giardia lamblia, humans, epidemiological survey due to increased rate of clinical enteric parasitic infections, Caucasian children between 1 and 9 most heavily infected: Maui, Hawaii

Age of host

Kim DC

1974 Yonsei Rep Trop Med 5 (1) Nov 3-44 Wm

Clonorchis sinensis, humans, vectors, reservoir hosts, extensive ecological and prevalence survey in high and low endemicity areas (seasonal distribution, sex and age factors, transmission factors): Korea

Age of host

Kim DC; Lee OY; Lee KW

1977 Yonsei Rep Trop Med 8 (1) Nov 9-22 Wm

Brugia malayi, humans, survey of endemicity in inland areas, age and sex factors, prevalence, pathology: Korea, Yongju area

Age of host

Kim KC; Haas VL; Keyes MC

1980 J Wildlife Dis 16 (1) Jan 45-51 Wa

Orthohalarachne attenuata and *O. diminuta* in *Callorhinus ursinus* (respiratory passages), infestation rate, pathology, population densities and structure, microhabitat preference, sex and age of host: St. Paul Island, Alaska

Age of host

Kitron UD

1980 Parasitology 81 (2) Oct 235-249 Wa

Gammaridacarus orchesoideae on *Orchesoidea corniculata*, prevalence and intensity, seasonal variation, host sex, host size (age), host moult stage, reproductive condition of female hosts, frequency distribution of number of parasites per host, mean crowding index, patchiness, index of host mortality, field and laboratory observations: California

Age of host

Knight R

1980 Tr Roy Soc Trop Med and Hyg 74 (4) 433-436

Wa

giardiasis, human, epidemiology and transmission, host age, comparison with amoebiasis, review

Age of host

Knight R et al

1979 Ann Trop Med and Parasitol 73 (6) Dec 563-

576 Wa

Wuchereria bancrofti, human, clinical findings, microfilaria counts, filarial serology, and filarial skin tests for different age groups and each sex; prevalence of non-filarial parasites, various serological parameters, mean IgE levels, and mean eosinophil counts in different age groups: Middle Fly River region, Western Papua New Guinea

Age of host

Knight R; Merrett TG

1981 Ann Trop Med and Parasitol 75 (3) June

299-314 Wa

Necator americanus, human, prevalence and intensity by age and sex, seasonal changes, morbidity (asthma, growth parameters, haemoglobin), total IgE levels, other parasites: The Gambia

Age of host

Knight SA; Janovy J jr; Current WL

1980 J Parasitol 66 (5) Oct 806-810 Wa

Myxosoma funduli, overdispersed distribution among *Fundulus kansae* population; monthly infection prevalence and monthly host size class distribution; distribution on individual gill bars and % infected gill bars; prevalence, host size distribution, and host sex ratio at various collection sites with different physical characteristics: Platte River system, Nebraska

Age of host

Ko RC et al

1980 Tr Roy Soc Trop Med and Hyg 74 (3) 351-354

Wa

Toxoplasma gondii, prevalence of antibodies in 2499 Chinese inhabitants in relation to age, sex, and rural vs. city dwellers, possible reasons for low prevalence: Hong Kong

Age of host

Koura M et al

1981 Ann Trop Med and Parasitol 75 (1) Feb

53-61 Wa

Schistosoma haematobium, human, prevalence and intensity by host age and sex: Somali Democratic Republic

- Age of host
Krishna Das KV
1980 J Ass Physicians India 28 (12) Dec 521-533
Wm
nutritional anaemias, includes helminths as a major cause in children (survey by age groups): India
- Age of host
Kulkarni SW et al
1978 Indian J Med Research 68 Oct 583-591
Wa
survey, prevalence and patterns of enteric parasitosis, populations of 7 villages near Nagpur, Maharashtra, India
- Age of host
Kuris AM
1980 Internat J Parasitol 10 (4) Aug 303-308
Wa
Echinostoma liei, effect of exposure to miracidia on growth and survival of young (1-2mm) vs. 4-6mm Biomphalaria glabrata, implications for use of E. liei for biological control of Schistosoma mansoni and its intermediate host
- Age of host
Kuris AM; Poinar GO; Hess RT
1980 Parasitology 80 (2) Apr 211-232
Wa
Portunon conformis in Hemigrapsus oregonensis and H. nudus, parasite mortality in relation to season, geographic area, multiple infection, host size, parasite developmental stage, host sex, and host species; recovery of female host reproductive capability; morphology of host response: Pacific coast of North America
- Age of host
Kuris AM; Warren J
1980 J Parasitol 66 (4) Aug 630-635
Wa
Echinostoma liei, mortality of previously uninfected second intermediate host Biomphalaria glabrata of different ages following exposure to cercarial penetration, relative role of cercarial penetration vs. presence of encysted metacercariae in pericardial sac, observations on cercarial infectivity and host searching; results suggest echinostome penetration and encystment may be unlikely to contribute much to population control of these snails in nature
- Age of host
Kutsumi H et al
1980 Hokkaido Igaku Zasshi (Hokkaido J Med Sc) 55 (2) Mar 89-103
Wm
[Schistosoma] japonica, diagnosis, inhabitants of an endemic area tested using the immediate intradermal reaction, epidemiologic study based on the analysis of these reactions, significance of age, sex, contents of antigen used, variations in sections of survey area, suggested disease control measures and vector control measures: Yamanashi Prefecture, Japan
- Age of host
Kvasz L
1979 Bratisl Lekar Listy 72 (5) Nov 597-600
Wm
Giardia lamblia, incidence in families of infected subjects and in children in residential homes (according to age groups), recommendations for prophylaxis and control to prevent spread or reinfection
- Age of host
Ladds PW; Copeman DB; Goddard ME
1979 Austral Vet J 55 (9) Sept 445-446
Wa
Onchocerca gutturosa, cattle (nuchal ligament), occurrence in relation to breed, sex, and age of host: abattoirs in northern, central, and eastern Australia
- Age of host
Ladouceur CA; Kazacos KR
1981 J Am Vet Med Ass 178 (3) Feb 1 301-302
Wa
Thelazia lacrymalis, horses (eyes), percent infected by age, sex, and breed, localization in eyes: Indiana
- Age of host
Ladouceur CA; Kazacos KR
1981 J Am Vet Med Ass 178 (4) Feb 15 385-387
Wa
Thelazia gulosa and T. skrjabini in cattle (eyes), percent infection, host age distribution, localization in eyes: Indiana
- Age of host
Landolfo S; et al
1980 J Immunol 124 (2) Feb 508-514
Wm
Trichomonas vaginalis, natural cell-mediated cytotoxicity against this parasite in the mouse, tissue, host strain, and host age distribution, some characteristics of effector cells
- Age of host
Lanotte G; Rioux JA; Pratlong F
1980 Ann Parasitol 55 (6) Nov-Dec 635-643
Wa
visceral leishmaniasis in children vs. adults, bioclinical analysis, indirect fluorescent antibody rates; mucosal leishmaniasis, report of 2 cases: Cevennes, France
- Age of host
Larbaoui D; Alloula R
1979 Tunisie Med 57 (6) Nov-Dec 318-326
Wm
echinococcosis, humans, results of 2 retrospective epidemiological surveys conducted over a 10-year period, incidence by age and sex: Algeria
- Age of host
Lawrence DN et al
1980 Am J Trop Med and Hyg 29 (4) July 530-537
Wa
intestinal parasitoses of Amerindians in newly contacted vs. acculturating villages, prevalence, no sex-related differences, average number of parasite species per person by age: Brazil; Venezuela
- Age of host
Leader-Williams N
1980 Vet Rec 107 (17) Oct 25 393-395
Wa
strongylid eggs, Rangifer tarandus, seasonal patterns, host age: sub-Antarctic island of South Georgia
- Age of host
Lee RLG
1981 J Helminth 55 (2) June 149-154
Wa
Acanthocephalus lucii, ecology in Perca fluviatilis: incidence, intensity, host age, overdispersion within host population, body localization, evidence of mutual exclusion between A. lucii and Proteocephalus percae and Camallanus lacustris: Serpentine, London, U.K.

Age of host

Lemma A et al
1979 Ethiop Med J 17 (3) July 63-74 Wm
Schistosoma mansoni, human, prevalence in relation to host age, sex, type of water source used, occupation, and socio-economic level; clinical observations; seasonal snail occurrence, speciation, and infection: Tensae Berhan, Ethiopia

Age of host

Liat LB; Pike AW
1980 J Zool London 190 (1) Jan 39-51 Wa
Proflicollis botulus in Somateria mollissima and Carcinus maenas, incidence and intensity, host age and sex, seasonal fluctuation, intestinal distribution and sex ratio of adult worms in eiders, loss of worms from captive and wild eiders, food preferences of eiders in relation to acquisition of infections: north east Scotland

Age of host

Lichtenfels JR; Sawyer TK; Miller GC
1980 Tr Am Micr Soc 99 (4) Oct 448-451 Wa
Sulcascaris sp. larvae indistinguishable from S. sulcata, prevalence in Argopecten gibbus, infection higher in larger scallops: Florida

Age of host

Lightner LK et al
1980 Am J Trop Med and Hyg 29 (1) Jan 42-45 Wa
Mansonella ozzardi, humans, prevalence, age and sex distribution, microfilarial levels: Comisaria del Vaupes, Colombia

Age of host

Littlejohn A; Walker EM
1979 J South African Vet Ass 50 (4) Dec 308-310 Wa
babesiosis, horses, 1973 incidence survey, seasonal distribution, influence of coat colour, sex, and age of host on incidence: South Africa; Rhodesia

Age of host

Loescher T; Pruefer L; von Sonnenburg FF
1980 Deutsche Med Wchnschr 105 (14) Apr 4 488-489 Wa
intestinal parasites, Vietnamese refugees, incidence survey (by age groups): Munchen, Bundesrepublik Deutschland

Age of host

Long EG et al
1981 Tr Roy Soc Trop Med and Hyg 75 (3) 365-371 Wa
Schistosoma mansoni, human, diagnosis, comparison of sensitivity and specificity of ELISA, radioimmunoassay, and stool examination (Bell filtration technique, Kato thick smear), host age effects: St. Lucia, West Indies

Age of host

Lopez CE et al
1980 Am J Epidemiol 112 (4) Oct 495-507 Wa
Giardia lamblia, clinical, epidemiological, and laboratory aspects of communitywide outbreak of gastrointestinal illness; water implicated as source of infection with either humans or Castor canadensis responsible for contaminating source water: Berlin, New Hampshire

Age of host

Loria-Cortes R; Lobo-Sanahuja JF
1980 Am J Trop Med and Hyg 29 (4) July 538-544 Wa
Angiostrongylus costaricensis, 116 children with intestinal eosinophilic granuloma, prevalence, host age and sex, monthly distribution, clinical and laboratory findings, radiology, surgical treatment, location of lesions, macroscopic and microscopic changes, medical treatment, evolution of disease: Costa Rica

Age of host

Loven JS; Bolen EG; Cain BW
1980 J Wildlife Dis 16 (1) Jan 25-28 Wa
hematozoa of wintering waterfowl, level of parasitemia, host age, no difference in rates of infection between host sexes: southern Texas

Age of host

Lukelenge Mapumba K et al
1979 Ann Soc Belge Med Trop 59 (3) Sept 251-258 Wa
Onchocerca volvulus, humans, epidemiologic and vector survey of 2 provinces, clinical manifestations, host age, some additional infections of Dipetalonema perstans discovered but no infections of D. streptocerca or Loa loa were observed: Burundi

Age of host

Lumsden WHR; Evans DA; Kimber CD
1980 Tr Roy Soc Trop Med and Hyg 74 (1) 40-42 Wa
Dipetalonema perstans, microfilaraemia, diagnosis in field using miniature anion-exchange/centrifugation technique, prevalence by locality groups, sex, and age: The Gambia

Age of host

Lyngset A
1980 Lab Animal Sc 30 (3) June 558-561 Wa
Encephalitozoon cuniculi antibodies in breeding rabbits, India ink immunoreaction test, antibodies passively transmitted to young, age changes in antibody titers, possible prenatal or postnatal infection

Age of host

Lyons ET; Drudge JH; Tolliver SC
1980 J Am Vet Med Ass 176 (3) Feb 1 221-223 Wa
Thelazia lacrymalis, horses, infection rate, age distribution: Kentucky

Age of host

Lyons ET; Drudge JH; Tolliver SC
1981 J Am Vet Med Ass 179 (9) Nov 1 899-900 Wa
Onchocerca spp., horses examined at necropsy, prevalence of microfilariae in skin by breed, age, and sex: Kentucky

Age of host

Macario AJL; Stahl W; Miller R
1980 Clin and Exper Immunol 41 (3) Sept 415-422 Wa
Toxoplasma gondii, mice with chronic infection, lymphocyte subpopulations in thymus, spleen, and peripheral and mesenteric lymph nodes, physiological pattern of change with host age, pattern was distinctive for each lymphoid organ

Age of host

McCausland I; Vandegraaff R; Nugent L
1980 Austral Vet J 56 (7) July 324-326 Wa
Fasciola hepatica, dairy cows on irrigated pastures, prevalence, severity of infection assessed by various parameters in treated vs. untreated cows, absence of host age dependent differences: near Maffra, Victoria

Age of host

McClelland G
1980 Exper Parasitol 49 (2) Apr 175-187 Wa
Phocanema decipiens in Phoca vitulina and Hali-choerus grypus (both nat. and exper.), parasite growth, reproduction, survival (in sensitizing and challenge infections), and sex ratio; parasite incidence in free-living hosts varied seasonally and with host age: Nova Scotia

Age of host

MacCulloch RD
1981 J Parasitol 67 (1) Feb 128-129 Wa
Placobdella parasitica on Chrysemys picta belli, prevalence and intensity May - August of 1978 and 1979, host age and sex, comparison with 1971 study in Pennsylvania: Saskatchewan

Age of host

McGreevy PB et al
1980 Am J Trop Med and Hyg 29 (4) July 553-562 Wa
Brugia malayi, natives living in endemic area, indirect fluorescent antibody technique used to determine class of anti-sheath immunoglobulins and prevalence and titer of each class in different age groups, anti-sheath antibodies related to amicrofilaremia but not to filarial disease: South Kalimantan, Borneo

Age of host

McKenzie CE; Welch HE
1979 Canad J Zool 57 (3) Mar 640-646 Wa
endoparasites, and ectoparasites of Ondatra zibethica, prevalence and intensity, effect of host age and sex: Manitoba, Canada

Age of host

MacKenzie DI; McKenzie CE; Brownlie LW
1979 Canad J Zool 57 (5) May 1143-1149 Wa
helminth fauna, Tyrannus tyrannus and T. verticalis, intensity and prevalence in juveniles and adults: Delta Marsh, Manitoba, Canada

Age of host

MacLean SA
1980 Canad J Fish and Aquatic Sc 37 (5) May 812-816 Wa
Haematractidium scombri, prevalence in Scomber scombrus (blood), age of host: Chincoteague, Virginia; Boothbay Harbor, Maine, and Gulf of Maine

Age of host

McMahon JE et al
1981 Ann Trop Med and Parasitol 75 (4) Aug 415-431 Wm
Wuchereria bancrofti, human, microfilaria rates and densities and prevalence of hydrocoeles and elephantiasis by age and sex, vectors, quantitative studies on transmission: Tanzania

Age of host

Majid AA et al
1980 Am J Trop Med and Hyg 29 (3) May 435-441 Wa
Schistosoma bovis, cattle, epizootiology: age-specific prevalence and intensity, monthly incidence rates by age, monthly snail (Bulinus spp.) infection rates, seasonal and annual variations in transmission: White Nile Province, Sudan

Age of host

Maltais PM; Ouellette EA
1979 Naturaliste Canad 106 (5-6) Sept-Dec 561-562 Wa
Dirofilaria scapiceps in Lepus americanus struthopus (tarsal bursa and intermuscular fascia of hind legs), prevalence and intensity of infection by age and sex of host: Moncton region, New Brunswick, Canada

Age of host

Mamedova MA
1978 Izvest Akad Nauk Azerbaidzhan SSR s Biol Nauk (5) 78-80 Wa
Eimeria spp., sheep, goats, age and seasonal dynamics: Kubakhachmassk zone, Azerbaidzhan SSR

Age of host

Mansour NS et al
1981 Am J Trop Med and Hyg 30 (4) July 795-805 Wa
Schistosoma haematobium, human, prevalence and intensity, age and sex distribution: Qena governorate, Upper Egypt

Age of host

Martin JL; Huffman DG
1980 Proc Helminth Soc Washington 47 (2) July 247-255 Issued Aug 25 Wa
helminths of Sigmodon hispidus from 3 vegetational regions, density, incidence, variation due to season, and host habitat, size (age), and sex: near San Marcos, Texas

Age of host

Mas Bakal P; in't Veld N; Piekarski G
1979 Infection 7 (6) 275-278 Wm
Toxoplasma, children, isolation of parasite from pharyngeal and/or palatine tonsils by inoculating the material into mice, in the 1-7 age group all isolates were from boys: The Netherlands

Age of host

Maske DK; Ruprah NS
1981 Indian J Animal Sc 51 (4) Apr 494-497 Wa
psoroptic mange, buffaloes, prevalence by season, climate, host sex and age, temperature, and relative humidity: Haryana, India

Age of host

Massoud J et al
1980 Am J Trop Med and Hyg 29 (3) May 389-392 Wa
intestinal helminths, human, prevalence, age distribution, rural vs. urban areas: Khuzestan Province, southwest Iran

Age of host

Mbahinzireki GB
1980 Hydrobiologia 75 (3) Nov 6 273-280 Wa
parasites of Bagrus docmac, incidence and intensity, size of host: Lake Victoria

Age of host

Menard E et al
1975 Rev Med Chile 103 (3) Mar 215-220 Wm
Toxoplasma gondii, epidemiological survey of
250 presumably healthy children for evidence
of infection using the indirect immunofluo-
rescence test, most active infections started
in second year of life, most children had con-
tact with soil contaminated with cat feces:
western district of Santiago

Age of host

Mills JN et al
1980 Tropenmed u Parasitol 31 (3) Sept 299-312
Wa
Trypanosoma congolense in neonatal and 6-month-
old calves, hemocytometer vs. cytofluorograf
counts of trypanosomes in jugular blood, local-
ization and quantitation of trypanosome in
microvasculature, tests of dispersing agents
(including macromolecular blood volume expand-
ers, immunosuppressive agents, and berenil) to
determine their efficacy in dislodging orga-
nisms from capillary walls

Age of host

Milner RJ; Lutton GG
1980 J Invert Path 36 (2) Sept 198-202 Wa
Pleistophora oncooperae in Oncopera
albobuttata, incidence by host age and sex, no
adverse effects on duration of larval and
pupal development, adult life span, number of
eggs laid, or fecundity; transovum
transmission, role in biological control

Age of host

Mishra GS et al
1979 Rev Elevage et Med Vet Pays Trop 32 (4)
353-359 Wa
parasites, calves, coproscopic and hematologic
survey, mortality rate in relation to host age
and season of year: nord de la Cote-d'Ivoire

Age of host

Misra A; Katiyar JC; Sen AB
1980 Indian J Exper Biol 18 (8) Aug 906-909 Wa
Nippostrongylus brasiliensis, rats, factors
modifying therapeutic efficacy of thiabendazole
(worm burden, host resistance, age of parasite,
and starvation altered efficacy; host age and
weight and concurrent infection with Hymeno-
lepis nana did not)

Age of host

Molineaux L et al
1980 Am J Trop Med and Hyg 29 (5 pt 1) Sept 725-
737 Wa
malaria, human, analysis of prevalence, inci-
dence, and parasite density by season and age
with respect to relationships among 3 Plasmo-
dium spp. present, possible (immunological)
explanations for observed excess of double in-
fections of P. falciparum and P. malariae and
of seasonal alternation between these 2 spe-
cies: Garki District, Kano State, Nigeria

Age of host

Monaghan H et al
1980 Arch Dis Childhood 55 (9) Sept 715-716 Wa
Giardia lamblia, infants with diarrhea,
incidence by age, sex, and site of infection,
responses to metronidazole

Age of host

Muzzall PM
1980 J Parasitol 66 (1) Feb 127-133 Wa
3 acanthocephalan spp. in Catostomus commer-
soni, infection parameters, seasonal infection
patterns, intestinal distribution, effect of
host size and sex, occurrence in other hosts:
SE New Hampshire

Age of host

Muzzall PM
1980 J Parasitol 66 (2) Apr 293-298 Wa
Triganodistomum attenuatum in Catostomus com-
merisoni, seasonal infection patterns, intesti-
nal distribution, prevalence and intensity in
male and female hosts and in hosts of various
size classes: New Hampshire

Age of host

Muzzall PM
1980 J Parasitol 66 (3) June 542-550 Wa
caryophyllaeid cestodes in Catostomus commer-
soni, prevalence and intensity, seasonal infec-
tion patterns, intestinal distribution, crowd-
ing effect, effect of host size: SE New Hamp-
shire

Age of host

Nadim A et al
1979 Bull Soc Path Exot 72 (5-6) Sept-Dec 461-
466 Wa
leishmaniasis, human cutaneous infections,
epidemiology of 3 foci, incidence according to
age, vector survey: Afghanistan

Age of host

Nathan MB
1981 Tr Roy Soc Trop Med and Hyg 75 (5) 721-730
Wa
Culex quinquefasciatus, seasonal abundance,
biting activity, physiological age composition
of populations, daily survival rates, Wucher-
eria bancrofti infection and infectivity rates,
correlation between physiological age and W.
bancrofti development, growth of W. bancrofti
in experimental infections; infective larva of
W. bancrofti also found in one Anopheles
aquasalis: North Trinidad, West Indies

Age of host

Nicholls MJ; Ibata G; Vallejos Rodas F
1980 Trop Animal Health and Prod 12 (1) Feb 48-
49 Wa
Babesia bovis, Anaplasma marginale, dairy cat-
tle, prevalence of antibodies uniformly high in
all age groups: Bolivia

Age of host

Noisy D; Maillard C
1980 Ann Parasitol 55 (1) Jan-Feb 33-40 Wa
Microcotyle chrysophrii, 2 different gill
distributions on 2 different size classes of
Sparus aurata

Age of host

Nozais JP
1979 Afrique Med (168) 18 Mar 179-182 Wm
Schistosoma mansoni, children, relationships be-
tween host age, host sex, fecal egg count,
splenomegaly, and fluorescent antibody levels:
Cote d'Ivoire

Age of host

Nwosu ABC
1981 Ann Trop Med and Parasitol 75 (2) Apr 197-203 Wa
soil-transmitted intestinal nematodes, human, prevalence and worm burdens, household clustering of infections, age and sex relationships, seasonal fluctuations: 2 rural villages in southern Nigeria

Age of host

Ojha AK; Johri GN
1980 J Hyg Epidemiol Microbiol and Immunol 24 (4) 454-459 Wa
dracontiasis, humans in highly endemic area, statistical analysis of incidence by host age, sex, and caste: Arnhayadhani village, Madhya Pradesh

Age of host

Omer AHS et al
1981 J Trop Med and Hyg 84 (2) Apr 63-66 Wa
parasitic and viral diseases, humans, prevalence of antibodies by host age groups, seroepidemiological survey: Shobeli village, Gezira, Sudan

Age of host

Orjih AU; Cochrane AH; Nussenzweig RS
1981 Nature London (5813) 291 May 28-June 4 331-332 Wa
Plasmodium berghei, protection against sporozoite-induced infection of very young and adult mice immunized intramuscularly with radiation-attenuated sporozoites, protection against sporozoite-induced infection of infants born to and nursed by sporozoite-immunized adult female mice

Age of host

Ortiz JS
1980 Am J Pub Health 70 (10) Oct 1103-1105 Wa
intestinal parasites in Puerto Rican farm workers, survey, prevalence by age and sex studied in population under age 15: area of Holyoke, Massachusetts

Age of host

Owaga MLA
1981 Insect Sc and Its Applic 1 (4) 411-416 Wa
Trypanosoma congolense, T. vivax, infection rates in Glossina pallidipes, sex and age differences, seasonal and interlocality variations, influence of sampling method and vertebrate hosts: Kenya

Age of host

Paggi L et al
1978 Parassitologia 20 (1-3) Dec 161-168 Wa
helminths, Salmo trutta, localization, incidence and intensity according to sex, age and season, statistical analysis: River Tirino (L'Aquila, Italy)

Age of host

Pamba HO
1980 East African Med J 57 (12) Dec 891-896 Wa
Ascaris lumbricoides, hookworm, human, prevalence by age group: Nyanza Province, Kenya

Age of host

Panday RS et al
1981 Vet Quart 3 (1) Jan 25-30 Wa
Dirofilaria immitis, dogs (peripheral blood), incidence survey (1977-1978), relationship between presence of microfilariae and host age, sex, breed, residence, clinical symptoms, liver and kidney function blood values, and presence of antibodies using indirect fluorescent antibody test: Surinam

Age of host

Pandey VS; Ouhelli H; Elkhalfane A
1980 Vet Parasitol 7 (4) Dec 347-356 Wa
Gasterophilus intestinalis, G. nasalis, horses, monthly prevalence and intensity, effect of host age, implications of results for life cycle pattern and infection dynamics: Settat region of Morocco

Age of host

Paperna I
1980 Ann Parasitol 55 (6) Nov-Dec 687-706 Wa
Caligus minimus, adults and larvae on Dacentrarchus labrax, site of attachment on host, incidence, intensity, and dispersal of infections, host size, parasite sex ratio, seasonal and/or annual fluctuations, temperature and salinity conditions: Bardawil Lagoon

Age of host

Passos ADC et al
1979 Rev Saude Pub S Paulo 13 (4) Dec 341-347 Wm
[Schistosoma] mansoni, new endemic focus, epidemiologic survey, age and sex factors: Sao Paulo, Brasil

Age of host

Pec J; Jedinak J; Moravcik P
1981 Ceskoslov Dermat 56 (2) Apr 119-124 Wm
Trichomonas vaginalis, women, concomitant gonorrhoeal infections, highest incidence in those 15-24 years old and in those with multiple sexual partners

Age of host

Peeters JE et al
1981 Research Vet Sc 30 (3) May 328-334 Wa
Eimeria spp., rabbits, survey, influence of type of rabbitry (commercial vs. domestic), method of faeces disposal (droppings pit vs. sledge mechanism), host age, and anticoccidial medication: Belgium

Age of host

Pereira Bueno JM; Alvarez Pellitero MP
1979 An Fac Vet Leon 25 155-198 Wa
Rhabdochona gnedini, R. denudata, description, incidence, and intensity of infection, age and sex of host, seasonal distribution of stages: rios de Leon

Age of host

Perrin WF; Powers JE
1980 J Wildlife Management 44 (4) Oct 960-963 Wa
Crassicauda sp., quantification of mortality related to infection in Stenella attenuata, host age: eastern tropical Pacific

Age of host

Pickering AD; Christie P
1980 J Fish Biol 16 (6) June 669-683 Wa
ectoparasites of hatchery-reared and wild Salmo trutta (epidermis), incidence and severity in relation to age, sex and maturity of host: Wise Een Tarn, Cumbria

Age of host

Pope RT; Cline BL; El Alamy MA
1980 Am J Trop Med and Hyg 29 (3) May 416-425 Wa
Schistosoma mansoni, S. haematobium, population-based clinical morbidity study of 77 subjects in 2 age groups with high intensity infections: Qalyub Governorate, Egypt

- Age of host
Porter MJ
1980 Tr Roy Soc Trop Med and Hyg 74 (2) 162-168
Wa
infectious skin diseases, human, effect of seasonal change on prevalence, includes some information on scabies (no seasonal variation, age and sex prevalence rates): Keneba, The Gambia
- Age of host
Post W
1981 J Field Ornithol 52 (1) Winter 16-22 Wa
ectoparasites, *Agelaius xanthomus*, prevalence by age and sex of host: La Parguera, Puerto Rico
- Age of host
Puga S et al
1980 Rev Med Chile 108 (7) July 608-611 Wm
Protozoa and helminths, human, prevalence according to age, sanitation of homes: Provincia Valdivia, Chile
- Age of host
Pugh RNH; Bell DR; Gilles HM
1980 Ann Trop Med and Parasitol 74 (6) Dec 597-613 Wa
Schistosoma haematobium, human, prevalence and intensity, host age and sex, haematuria, proteinuria, renal function, micturition disturbance, potential public health importance, recommendation for control based on rapid identification of intense infection and selective chemotherapy with single dose metrifonate-nitridazole combination: northern Nigeria
- Age of host
Pugh RNH; Burrows JW; Bradley AK
1981 Ann Trop Med and Parasitol 75 (3) June 281-292 Wa
intestinal parasites, human, prevalence and intensity, host age and sex, special emphasis on *Schistosoma mansoni*, *Necator americanus*, and *Giardia lamblia* (possible association of latter with impaired nutritional status and poor water supply): Malumfashi area, Nigeria
- Age of host
Purnomo; Partono F; Soewarta A
1980 Southeast Asian J Trop Med and Pub Health 11 (3) Sept 324-327 Wa
intestinal parasites, humans, prevalence survey (by age and sex) before and after mass therapy with combination of mebendazole and pyrantel pamoate: Karakuak, West Flores, Indonesia
- Age of host
Quilici M et al
1979 Bull Soc Path Exot 72 (2) Mar-Apr 118-124
Wa
mediterranean human visceral leishmaniasis (kala azar), case reviews, frequency in adults, diagnostic difficulties: France
- Age of host
Raccurt C; Lowrie RC jr; McNeeley DF
1980 Am J Trop Med and Hyg 29 (5 pt 1) Sept 803-808 Wa
Mansonella ozzardi, human, prevalence by age and sex, microfilaria density, periodicity study, skin biopsy data: Bayeux, Haiti
- Age of host
Rahman KM; Idris M; Azad Khan AK
1981 J Trop Med and Hyg 84 (2) Apr 81-86 Wa
Fasciolopsis buski, children in rural endemic area, worm burden, pathology, incidence by age and sex: Bangladesh
- Age of host
Rajasekariah GR; Howell MJ
1981 Internat J Parasitol 11 (1) Feb 59-65 Wa
Fasciola hepatica in susceptible (5-week-old) vs. age-resistant (25-week-old) rats, worm recovery, histopathology, haematological changes, precipitating antibody titres
- Age of host
Ramirez R
1979 Bol Chileno Parasitol 34 (3-4) July-Dec 59-62 Wa
hydatid disease, humans, epidemiology, revision and analysis of cases registered from 1969-1978, age and sex distribution, localization, mortality, number of days of hospitalization: Chile
- Age of host
Rao CK et al
1980 Indian J Med Research 71 May 712-720 Wa
bancroftian filariasis, baseline filariometric indices, incidence by caste, age and sex of host, and type of clinical manifestations; results of entomological observations: East Godavari district, Andhra Pradesh, India
- Age of host
Recacoechea M et al
1979 Bol Chileno Parasitol 34 (3-4) July-Dec 53-58 Wa
Trypanosoma cruzi, human, 39 acute cases, age and sex distribution, clinical, parasitological, and serological observations, nifurtimox treatment: Santa Cruz, Bolivia
- Age of host
Reisen WK; Mahmood F
1980 J Med Entom 17 (3) May 31 211-217 Wa
malaria vectors, age-specific horizontal life table characteristics of laboratory-adapted *Anopheles culicifacies* and *A. stephensi*, implications for malaria transmission and for genetic control of mosquitoes
- Age of host
Renaud F; Romestand B; Trilles JP
1980 Ann Parasitol 55 (4) July-Aug 467-476 Wa
metazoan parasites of Boops boops, localization, prevalence in relation to host size, abundance, mixed infections: Golfe du Lion
- Age of host
Rey JL et al
1979 Afrique Med (166) 18 Jan 13-16 Wm
Schistosoma haematobium, humans, clinical signs, distribution by host age and sex, diagnostic value of different signs: Sahel voltaïque
- Age of host
Richard-Lenoble D et al
1980 Bull Soc Path Exot 73 (2) Mar-Apr 192-199
Wa
Loa loa, *Dipetalonema perstans*, human, survey, prevalence (by age and sex) and intensity: Gabon

Age of host

Ripert C et al
1978 Bull Soc Path Exot 71 (4-5) July-Oct 361-369 Wa
A[scaris] lumbricoides, T[richuris] trichiura, N[ecator] americanus, prevalence survey by age and sex, results of mass therapy with pyrantel pamoate: Cameroun

Age of host

Robertson RH
1980 Canad J Zool 58 (2) Feb 245-251 Wa
cattle infected with both Hypoderma lineatum and H. bovis or only H. lineatum, antibody production followed using the tanned-cell hemagglutination technique, variation in production according to host age

Age of host

Rodriguez Osorio M et al
1977 Rev Iber Parasitol 37 (1-2) Jan-June 123-132 Wa
Toxoplasma gondii, human, epidemiological study, percentage of antibodies in relation to host age, sex, geographic area, and association with domestic animals: Granada

Age of host

de Roever-Bonnet H et al
1980 Trop and Geogr Med 32 (1) Mar 53-56 Wa
Toxoplasma, serological and clinical evidence in patients and healthy people, age and sex distribution: Upper Leeward Islands

Age of host

Rolland A; Thylefors B
1979 Tropenmed u Parasitol 30 (4) Dec 482-488 Wa
ocular onchocerciasis, human, prevalence, host age and sex, severity of disease, incidence of blindness, evaluation after 3 years of vector control in 4 rural communities in West Africa

Age of host

Rondelaud D; Barthe D
1980 Ztschr Parasitenk 61 (2) 187-196 Wa
Fasciola hepatica-infected Lymnaea truncatula (exper.), ameboytic reaction, relationship to uniform and fluctuating temperatures, host age, and food supply

Age of host

Roneus O; Christensson D
1979 Acta Vet Scand 20 (4) 583-594 Wa
Trichinella spiralis in Vulpes vulpes, prevalence, age and sex of host, role as reservoir host, potential danger of transmission to man and swine: Sweden

Age of host

Ross JG; Duncan JL; Halliday WG
1979 Research Vet Sc 27 (2) Sept 258-259 Wa
Haemonchus contortus, 4- and 7-month-old lambs, comparison of resistance conferred by irradiated larvae and transfer factor treatment

Age of host

Roth AM
1979 Ann Opth Chicago 11 (1) Jan 37-40 Wm
Demodex folliculorum, incidence in human eyelid skin, biopsy survey, increasing incidence with age, circumstantial evidence for incriminating parasite in other pathology

Age of host

Roux JF; Sellin B; Picq JJ
1980 Med Trop 40 (1) Jan-Feb 45-51 Wm
Schistosoma mansoni, humans, epidemiological survey, prevalence of hepato-splenomegalies in endemic areas, age of host, severe effect on public health and socio-economic development in Upper Volta and Ivory Coast

Age of host

Rubis P et al
1981 Southeast Asian J Trop Med and Pub Health 12 (1) Mar 30-36 Wa
Brugia malayi, humans, epidemiological and prevalence survey (by age and sex) of 7 villages, Mansonia spp. confirmed as probable vectors: Sarawak, East Malaysia

Age of host

Ruebush TK II et al
1981 Am J Trop Med and Hyg 30 (5) Sept 937-941 Wa
Babesia microti, humans, epidemiology, apparent association between age and severity of illness: Nantucket Island, Massachusetts

Age of host

Ruiz A; Frenkel JK
1980 Am J Trop Med and Hyg 29 (6) Nov 1150-1160 Wa
Toxoplasma gondii, cats, prevalence of oocysts in feces, correlation of antibody presence and oocyst shedding, age and origin of cats, age of onset of infection, number of owned and stray cats visiting households, cats' pattern of roaming, food sources, type of food foraged, defecation sites outdoors and indoors, reshedding of oocysts after challenge in malnourished cats: Costa Rica

Age of host

Saez H
1979 Rev Iber Parasitol 39 (1-4) Jan-Dec 567-575 Wa
Trichuris trichiura, incidence in Papio papio according to age and sex of host

Age of host

Sagua H et al
1979 Rev Chilena Pediat 50 (3) May-June 15-20 Wm
Isospora belli, 26 children, distribution by sex and age group, clinical and epidemiological aspects: Antofagasta, Chile

Age of host

Saif M et al
1978 J Egypt Med Ass 61 (11-12) 803-813 Wm
increased prevalence of S[chistosoma] mansoni (with high prevalence in children, including some under 5 years of age) and decreased prevalence of S. haematobium in inhabitants of the Nile Delta areas, Egypt

Age of host

Schillhorn van Veen TW; et al
1980 Trop Animal Health and Prod 12 (2) May 97-104 Wa
Fasciola gigantica, Dicrocoelium hospes, ruminants, prevalence, seasonal incidence, host age, climatic conditions: northern Nigeria

Age of host

Schowalter DB et al
1980 J Wildlife Dis 16 (2) Apr 189-194 Wa
Toxoplasma gondii in Mephitis mephitis, serological survey, indirect hemagglutination test, prevalence by host age groups and by humid vs. arid biomes, antibody titres by month and season: Alberta; Saskatchewan

Age of host

Schutte CHJ; van Deventer JMG; Lamprecht T
1981 Am J Trop Med and Hyg 30 (2) Mar 364-372 Wa
Schistosoma haematobium, human, prevalence and intensity, hematuria, host age and sex, relationship to S. mansoni and S. mattheei: Northern KwaZulu, South Africa

Age of host

Scott ME; McLaughlin JD; Rau ME
1979 Canad J Zool 57 (11) Nov 2128-2135 Wa
Typhlocoelum cucumerinum cymbium, T. c. cucumerinum, prevalence, abundance, and intensity of infection, seasonal, age, and sex differences in wild ducks; positive correlation between infections and occurrence of snails in diet: Delta Marsh, southern Manitoba, Canada

Age of host

Sears BW; McCallister GL; Heideman JC
1980 J Parasitol 66 (6) Dec 1070 Issued May 6 1981 Wa
Dirofilaria immitis, dogs, monthly prevalence, infection rates by age group: west central Colorado

Age of host

Seegar WS
1979 Canad J Zool 57 (7) July 1500-1502 Wa
Sarcocystis eurycerca, prevalence in Cygnus c. columbianus, juveniles vs. adults: eastern North Carolina; Chesapeake Bay, Maryland; North Slope, Alaska

Age of host

Selby LA; Corwin RM; Hayes HM jr
1980 J Am Vet Med Ass 176 (1) Jan 1 33-35 Wa
Dirofilaria immitis, dogs, influence of age, breed, sex, and weight as risk factors, review of medical records between June 1964 and May 1976 in United States and Canada

Age of host

Senior DF et al
1980 J Am Vet Med Ass 176 (9) May 1 901-905 Wa
Capillaria plica, dogs, prevalence, pathology, age and sex distribution, treatment with albendazole: rural southeastern Pennsylvania

Age of host

Simmons JM et al
1980 J Wildlife Dis 16 (2) Apr 225-228 Wa
Dirofilaria immitis in Urocyon cinereoargenteus (right ventricle, pulmonary artery), low prevalence, host age and sex: Alabama; Georgia; Mississippi

Age of host

Singer B; Cohen JE
1980 Math Biosci 49 (3-4) June 273-305 Wa
Plasmodium falciparum malaria, panel survey from longitudinal field studies, estimates of age- and season-specific incidence and recovery rates: Garki, Kano State, Nigeria

Age of host

Singh DS et al
1980 J Ass Physicians India 28 (5-6) May-June 115-123 Wm
amoebiasis, humans, extraintestinal forms (most prevalent in males 20-40 years of age), clinical pathology, diagnosis using indirect haemagglutination and bentonite flocculation tests

Age of host

Sinniah B; Sinniah D; Rajeswari B
1981 Am J Trop Med and Hyg 30 (3) May 734-738 Wa
Pediculus humanus capitis, school children, prevalence and distribution in relation to race, age, sex, hair length, ethnic group, and socioeconomic group: Peninsular Malaysia

Age of host

Skorping A
1980 J Fish Biol 16 (5) May 483-492 Wa
Camallanus lacustris in Perca fluviatilis, pattern and structure of infection, seasonal incidence and intensity, site preference (gut) in host, host diet, sex, and size factors: Lake Lille Aklungen, vicinity of Oslo, Norway

Age of host

Smith G
1981 Brit Vet J 137 (4) July-Aug 398-410 Wa
Fasciola hepatica, prevalence and intensity in sheep, cattle, and Lymnaea truncatula for period of 3 years in relation to weather and habitat microclimate, size-prevalence curves for snail hosts: Cumbria; Wales

Age of host

Smith WD; Angus KW
1980 Research Vet Sc 29 (1) July 45-50 Wa
Haemonchus contortus, immunizing lambs with varying numbers of doses of irradiated larvae, or combining this vaccine with larval antigens and adjuvant, serum IgG, IgA and IgG in abomasal mucosa

Age of host

Soh CT et al
1976 Yonsei Rep Trop Med 7 (1) Nov 3-16 Wm
Clonorchis sinensis, Metagonimus yokogawai, prevalence survey in human and intermediate hosts, sex and age factors: Jeonra-Nam-Do, Korea

Age of host

Solangi MA; Overstreet RM
1980 J Parasitol 66 (3) June 513-526 Wa
Eimeria funduli in killifishes, prevalence, specificity, and known distribution, sites of infection, experimental infections, route of infection (through grass shrimp), endogenous development, susceptibility and variability in development (host age, temperature, infective dose, premunition), gross pathology and pathogenesis, control with monensin or by feeding TetraMin fish food

Age of host

Sole TD; Croll NA
1980 Am J Trop Med and Hyg 29 (3) May 364-368 Wa
intestinal parasites, human, survey, prevalence by town, sex, racial origin, and age group, possible reasons for low prevalence: Labrador, Canada

- Age of host
Sornmani S et al
1981 Ann Trop Med and Parasitol 75 (3) June 335-346 Wa
health and nutritional status of population in Nam Pong Water Resource Development Project, includes information on prevalence of parasitic diseases with emphasis on intensity and age-specific prevalence of *Necator americanus* and *Opisthorchis viverrini*: Thailand
- Age of host
Spencer HC et al
1981 Am J Trop Med and Hyg 30 (4) July 747-750 Wa
Plasmodium falciparum, human, enzyme-linked immunosorbent assay, indirect fluorescent antibody test, age distribution of serologic responses, results indicate neither test is appropriate as diagnostic aid but both would be useful in epidemiologic investigations; some patients had concurrent *P. vivax* infection: El Salvador, Central America
- Age of host
Spielman A et al
1981 Am J Trop Med and Hyg 30 (3) May 560-565 Wa
Babesia microti, survey to identify reservoir hosts of human babesiosis with particular emphasis on *Peromyscus leucopus* (prevalence and intensity of infection, seasonal distribution, host age and sex): islands along New England coast
- Age of host
Stanghellini A; Duvallet G
1981 Tropenmed u Parasitol 32 (3) Sept 141-144 Wa
Trypanosoma gambiense, human, distribution in population by village, ethnic group, sex, and age, highest incidence among men in age-groups 10 to 30 and among immigrants from Upper Volta: Ivory Coast
- Age of host
Stratigos J et al
1980 Internat J Dermat 19 (2) Mar 86-88 Wm
leishmaniasis, human cutaneous, epidemiology: Greece
- Age of host
Stuerchler D et al
1980 Tropenmed u Parasitol 31 (1) Mar 87-93 Wa
hookworm, *Ascaris lumbricoides*, *Trichuris trichiura*, human, prevalence by host age and sex, effect of community anthelmintic chemotherapy in settlements already having improved environmental sanitation, analysis of costs: Liberia
- Age of host
Sturrock RF et al
1981 Tr Roy Soc Trop Med and Hyg 75 (2) 219-227 Wa
Schistosoma mansoni-infected schoolchildren, heat-labile IgE and heat-stable IgG anti-schistosomular antibodies, relationship to host age, to intensity of infection, and to each other: Kenya
- Age of host
Sudomo M et al
1980 Southeast Asian J Trop Med and Pub Health 11 (4) Dec 451-460 Wa
Brugia malayi, humans from indigenous village vs. those living in new Transmigration Scheme, incidence survey (host age and sex distribution) and transmission study, incidence in domestic cats, periodicity, survey for potential vectors: East Kalimantan, Indonesia
- Age of host
Takvorian PM; Cali A
1981 J Fish Biol 18 (4) Apr 491-501 Wa
Glugea stephani in *Pseudopleuronectes americanus* (intestinal tract), prevalence, month and year, fish size, average monthly water temperature, light and electron microscopy of cysts; review of literature on this species: New York-New Jersey lower bay complex
- Age of host
Tanaka H et al
1980 Japan J Exper Med 50 (2) Apr 85-89 Wa
Wuchereria bancrofti, survey, high prevalence in indigenous tribes, host age and sex distribution, periodicity: Northern Mindanao, Philippines
- Age of host
Tarazona JM; Garcia Marco V
1971 Rev Iber Parasitol 31 (3-4) July-Dec 299-313 Wa
Echinococcus granulosus, sheep, incidence, significant correlation between parasitism and animals' age, localization of cysts: slaughter-house, Barbastro, Provincia de Huesca
- Age of host
Taylor SM; Kilpatrick D
1980 J Helminth 54 (1) Mar 1-6 Wa
Trichostrongylus vitrinus, sheep (exper.), influence of host age and nematode population size on distribution in intestine
- Age of host
Tayo MA; Pugh RNH; Bradley AK
1980 Ann Trop Med and Parasitol 74 (3) June 347-354 Wa
Schistosoma haematobium study area, human water-contact activities, frequency, degree of bodily contact with water, diurnal variation, age and sex differences, dry vs. wet season, implications for schistosomiasis transmission and control: Ruwan Sanyi dam, Malumfashi District, northern Nigeria
- Age of host
Thomas V; Sinniah B; Yap PL
1980 Southeast Asian J Trop Med and Pub Health 11 (1) Mar 119-125 Wa
Toxoplasma gondii, human, indirect fluorescent antibody prevalence in relation to age group, sex, and ethnic group, prevalence of specific IgM antibodies: Malaysia
- Age of host
Thoongsuwan S; Cox HW
1981 J Parasitol 67 (4) Aug 481-486 Wa
Baemobartonella muris-like agent isolated and identified as occult companion agent in *Trypanosoma lewisi*-infected rats and implicated as cause of acute hemolytic anemia, splenomegaly with erythrophagocytosis, and proliferative glomerulonephritis in mature rats, disease was less severe in weanling rats, presence of cold-active hemagglutinin, immunoconglutinin, and antibody against fibrinogen products
- Age of host
Thul JE; Forrester DJ; Greiner EC
1980 J Wildlife Dis 16 (3) July 383-390 Wa
Hematozoa of *Aix sponsa*, age prevalence: Atlantic Flyway

- Age of host
Thurston DR; Strout RG
1978 J Wildlife Dis 14 (1) Jan 89-96 Wa
Parelaphostrongylus tenuis in *Odocoileus virginianus* (cranial cavity), prevalence and intensity of infection by host age, sex, and habitat, localization: New Hampshire
- Age of Host
Thurston JP
1968 J Zool London 154 (4) Apr 481-485 Wa
Oculotrema hippopotami on *Hippopotamus amphibius* (nictitating membrane, under eyelid), frequency distribution, age of host, absence of strong immune response: Western Uganda
- Age of host
Thylefors B; Tónjum AM
1980 Bull World Health Organ 58 (1) 107-112 Wa
Onchocerca volvulus, humans, 3-year follow-up of ocular infections in area of vector control, only slightly decreased overall prevalence of infection but infections in children 5-14 years of age were significantly less: West Africa
- Age of host
Tikasingh E et al
1980 Am J Trop Med and Hyg 29 (5 pt 1) Sept 715-719 Wa
Plasmodium malariae, human, outbreak probably due to renewal of transmission from recrudescing cases, serology used to help define epidemic (indirect fluorescent antibody test by age group using *P. brasilianum*, *P. falciparum*, and *P. fieldi* as antigens): Grenada
- Age of host
Titcher AR; Prestwood AK; Hibler CP
1979 J Wildlife Dis 15 (2) Apr 273-280 Wa
Elaeophora schneideri in *Odocoileus virginianus* (exper.), eosinophilia, clinical signs, pathology, age-related resistance
- Age of host
Tomlinson MJ et al
1981 Am J Vet Research 42 (8) Aug 1444-1446 Wa
Trypanosoma cruzi, dogs, serological survey using complement-fixation and direct-agglutination tests: southeastern United States
- Age of host
Turner KJ; Fisher EH; Mayrhofer G
1981 Austral J Exper Biol and Med Sc 59 (4) Aug 491-502 Wa
Nippostrongylus brasiliensis-infected rats, age-dependent modulation of serum IgE and mast cell sensitization, results discussed in relation to proposed mechanisms by which parasites might suppress allergic diseases
- Age of host
Tuzun Y et al
1980 Internat J Dermat 19 (1) Jan-Feb 41-44 Wm
scabies, humans, epidemiology comparing 3 regions with different climates: Turkey
- Age of host
Tzipori S et al
1981 Infect and Immun 33 (2) Aug 401-406 Wa
Cryptosporidium sp., enterotoxigenic *Escherichia coli*, rotavirus, lambs (exper.), single and mixed infections, clinical and pathological manifestations, age susceptibility
- Age of host
Tzipori S et al
1981 Am J Vet Research 42 (8) Aug 1400-1404 Wa
Cryptosporidium, calves (exper.), (small and large intestines), diarrhea, histopathology, relationship between age at inoculation, incubation period, and clinical signs of infection
- Age of host
Ueda K et al
1977 Japan J Exper Med 47 (6) Dec 475-482 Wa
Pneumocystis carinii as cause of chronic fatal pulmonary disease in nude mice of barrier sustained colony, heterozygous littermates were much less susceptible but infection could be produced by provocation with immunosuppressants, age distribution of infections, clinical observations, histopathology, experimental transmission experiments with nu/nu and nu/+ mice with and without immunosuppressants
- Age of host
Upatham ES et al
1981 Ann Trop Med and Parasitol 75 (1) Feb 63-69 Wa
Schistosoma haematobium, patterns of transmission, bionomics of intermediate snail host *Bulinus abyssinicus*, seasonal rainfall and snail size among factors: Somali Democratic Republic
- Age of host
Valli VEO et al
1980 Tropenmed u Parasitol 31 (3) Sept 288-298 Wa
Trypanosoma congolense in neonatal and 6-month-old calves, quantitation of blood biochemical changes (serum electrolytes and osmolality, serum proteins, lipids, organ function tests)
- Age of host
Valli VEO; Mills JN
1980 Tropenmed u Parasitol 31 (2) June 215-231 Wa
Trypanosoma congolense in neonatal and 6-month-old calves, quantitation of hematological changes (anemia, leukocytes, radioiron kinetics)
- Age of host
van der Veen J; Polak MF
1980 J Hyg Cambridge 85 (2) Oct 165-174 Wa
Toxoplasma, human, survey, prevalence of antibodies according to age, estimates of frequency of primary maternal infection and associated risk of fetal infection: The Netherlands
- Age of host
Vercruyse J
1979 Rev Elevage et Med Vet Pays Trop n s 32 (2) 149-153 Wa
coccidiosis, prevalence in calves of different age groups October 1977 to August 1978: République Centrafricaine
- Age of host
Vetyaska V
1980 Acta Vet Brno 49 (1-2) Mar-June 91-103 Wa
coccidia and helminths of *Capreolus capreolus*, intensity and extensity of infection, age of host: Strakonice region, Czechoslovakia

- Age of host
Vogel H; Crewe W
1965 Ztschr Tropenmed u Parasitol 16 (2) July 109-125 Wa
Paragonimus africanus new species, humans (sputum), infection frequency by age and sex of host; life cycle, epidemiology: Lower Bakossi, Westkamerun
- Age of host
Voller A et al
1980 Bull World Health Organ 58 (3) 429-438 Wa
Plasmodium falciparum, longitudinal study of 2 West African populations, antibody levels measured using the ELISA technique, values as reflected by population age, limitations of technique
- Age of host
Wabuke-Bunoti MAN
1980 J Fish Dis 3 (3) May 223-230 Wa
Polyonchobothrium clarias, prevalence and pathology in Clarias mossambicus (gall bladder, duodenum, ileum, rectum), higher intensity of infection in young fish: Entebbe, Uganda
- Age of host
Waller PJ; Thomas RJ
1981 Vet Parasitol 9 (1) Oct 47-55 Wa
Trichostrongylus axei, intestinal Trichostrongylus spp., grazing lambs, natural regulation of parasite populations in relation to host age, length of time of exposure to infection, and seasonal fluctuations in, and absolute levels of, larval availability on pasture
- Age of host
Watson RA; Dick TA
1980 J Fish Biol 17 (3) Sept 255-261 Wa
metazoan parasites, Esox lucius, differences in abundance with host age, sex, location, and season: Southern Indian Lake, Manitoba, Canada
- Age of host
Wegeza P et al
1979 Acta Trop 36 (4) Dec 369-377 Wa
Wuchereria bancrofti, human, prevalence of microfilaraemia and clinical manifestations by age, survey methodology: Tanzania
- Age of host
Weinmann CJ; Garcia R
1980 J Wildlife Dis 16 (2) Apr 217-221 Wa
heartworms, Canis latrans, age-sex prevalence: El Dorado County, California
- Age of host
Wellde BT et al
1981 Exper Parasitol 52 (2) Oct 219-232 Wa
Trypanosoma congolense, cattle, investigations of natural and acquired resistance with reference to age resistance, self-cure, chemotherapeutic cure, blood- vs. tsetse fly-induced infections, and challenge with homologous vs. heterologous strains
- Age of host
Wenlock RW
1978 Med J Zambia 12 (1) Feb-Mar 13-16 Wm
Schistosoma haematobium, hookworm, malaria, prevalence survey, age variations in rural communities: Zambia
- Age of host
Williams CS
1967 J Nat Hist 1 (2) Apr-June 299-301 Wa
Mytilicola intestinalis in Mytilus edulis, low infection rate in young mussels, female parasites significantly smaller in size in young mussels than in adult mussels: Whitstable, Kent
- Age of host
Willomitzer J
1980 Acta Vet Brno 49 (3-4) Sept-Dec 269-277 Wa
parasites of Ctenopharyngodon idella fry and fingerlings, intensity and extensity of infection, seasonal dynamics, host age; Diplostomum as cause of extensive eye lesions in C. idella, economic importance, relation between infection of fish and intermediate host snails, experimental infection of Lebistes reticulatus: State Fishery, Pohorelice
- Age of host
Wilson AJ
1979 J South African Vet Ass 50 (4) Dec 293-295 Wa
Anaplasma marginale, Bos indicus (nat. and exper.), effect of host nutrition, breed, and age on pathogenesis of anaplasmosis, natural transmission in endemic areas indicated that introduced cattle should not adversely affect enzootic stability: north Queensland
- Age of host
Wilson AJ; Parker R; Trueman KF
1980 Trop Animal Health and Prod 12 (2) May 90-94 Wa
Anaplasma marginale in Bos indicus crossbred and Bos taurus of 2 age groups, no significant differences in susceptibility were observed
- Age of host
Windon RG; Dineen JK; Kelly JD
1980 Internat J Parasitol 10 (1) Feb 65-73 Wa
Trichostrongylus colubriformis, lambs, vaccination with irradiated larvae, dissociation into 'responders' and 'non-responders': response to primary sequential challenge, response to rechallenge with single dose, correlation between haemoglobin type and faecal egg counts during primary and secondary challenge, effect of vaccination and challenge on liveweight gain and wool growth
- Age of host
World Health Organization. Scientific Working Group on Schistosomiasis
1980 Bull World Health Organ 58 (4) 629-638 Wa
Schistosoma japonicum, population of rural community, quantitative aspects of epidemiological study, prevalence and intensity assessed according to age and sex of hosts, and to pathological findings: Luzon, Philippines
- Age of host
Yebakima A et al
1979 Bull Soc Path Exot 72 (1) Jan-Feb 35-40 Wa
Onchocerca volvulus, humans, suburban focus, epidemiology, vector survey, incidence by host age: vicinity of Brazzaville, Congo

- Age of host
Young VE; Pence DB
1979 Proc Helminth Soc Washington 46 (1) Jan
28-35 Issued Mar 14 Wa
Pterygondermatites cahirensis from *Canis latrans* (upper intestine), redescription, synonymy, female-male ratios in male, female, and combined sexes of coyote, age of host, affinities with *Ancylostoma caninum* may be due to apparently independent preference of both species for younger immunologically tolerant hosts: Texas
- Age of host
Zajac AM; Williams JF
1980 J Parasitol 66 (2) Apr 366-367 Wa
Schistosomium douthitti in *Microtus pennsylvanicus*, prevalence, worm burdens, host age
- Age of host
Zarate LG et al
1980 J Med Entom 17 (2) Mar 31 103-116 Wa
blood meal sources of *Triatoma barberi*, correlation with *Trypanosoma cruzi* infection using "infective blood meal index", rate of infection, age of host, seasonal variation, evidence of strong link between *T. barberi* and peridomestic rodents: Magdalena Apazco, state of Oaxaca, Mexico
- Age of host
Zembrzuski K
1980 Pediat Polska 55 (10) 1143-1148 Wm
taeniasis, human intestinal infections, increasing incidence, age and sex factors: Poland
- Age of host
Zitek K; Palicka P
1979 Casop Lek Cesk 118 (47) Nov 23 1447-1450 Wm
human intestinal parasites, incidence, epidemiology, therapy, suggestions for future control: Karvina district
- Age of parasite
Adams TS; Holt GG; Sundet WD
1979 J Med Entom 15 (2) Feb 8 124-131 Wa
Cochliomyia hominivorax females, olfactometer bioassay for study of screwworm attractants, physical and physiological conditions that influence attraction, effect of diet on attractancy
- Age of parasite
Amin OM; Redlin MJ
1980 System Parasitol 2 (1) Dec 9-20 Wa
Echinorhynchus salmonis in *Coregonus hoyi* and *Osmerus mordax*, worm sex and age and the host species (salmonid host vs. non-salmonid host) affected worm growth and morphological variability, anomalies; extreme variability in cement gland pattern and the implications for using this diagnostic character on the generic level
- Age of parasite
Anderson JF; Magnarelli LA
1980 J Med Entom 17 (4) July 31 314-323 Wa
ixodid ticks of vertebrates, infestation levels, seasonal geographical distribution, parasite sex ratios, age of parasite; field studies suggest some *Dermacentor variabilis* and *Ixodes dammini* may have 2-year life cycles: Connecticut
- Age of parasite
Barus V
1969 Folia Parasitol 16 (4) 303-311 Wa
Subulura suctoria, morphological and metrical variability dependent upon parasite age and definitive host species
- Age of parasite
Beck JT
1980 Am Midland Naturalist 104 (1) July 135-154 Wa
Probopyrus pandalicola on *Palaeomonetes paludosus*, breeding season, brood size (annual and seasonal variation, relationship to host length, independent of host sex), attachment and size development of male and female parasites, host and parasite population structure and longevity: Wakulla Co., Florida
- Age of parasite
Blum K; Cioli D
1981 Parasite Immunol 3 (1) Spring 13-24 Wa
Schistosoma mansoni, age-dependent susceptibility to immune elimination of *Schistosomula* artificially introduced into preinfected mice
- Age of parasite
Broce AB
1980 Ann Entom Soc Am 73 (4) July 15 386-389 Wa
Cochliomyia hominivorax, effect of swarming-2 and its individual chemical components on sexual behavior of males vs. females 0 to 7 days old, laboratory studies
- Age of parasite
Bundy DAP
1981 Internat J Parasitol 11 (4) Aug 319-322 Wa
Transversotrema patialense, egg capsule morphometrics, age-dependency and population frequency distribution, implications for use as taxonomic criterion in *Transversotrematidae*
- Age of parasite
Bundy DAP
1981 J Parasitol 67 (4) Aug 531-534 Wa
Transversotrema patialense, collection and culture techniques required for development of eggs, survival characteristics of free-living miracidial populations (maximum longevity, mean expected life span, age-dependent mortality)
- Age of parasite
Cabaret J
1980 Ann Parasitol 55 (5) Sept-Oct 571-581 Wa
protostrongylid 1st stage larvae, relationship between motility and infectivity, effect of various factors (parasite age, density, temperature, light, ions, desiccation), epidemiological implications
- Age of parasite
Cabaret J
1980 Ann Soc Belge Med Trop 60 (1) Mar 97-101 Wa
protostrongylid larvae, exper. infection in land snail vectors, infection patterns related to age of hosts and infective larvae rather than to infective dose
- Age of parasite
Campbell AJ et al
1981 Molec and Biochem Parasitol 3 (2) June 91-101 Wa
Fasciola hepatica, proline biosynthesis at different developmental stages in vivo and in vitro

- Age of parasite
Castanheira EB; Gazzinelli G; Figueiredo EA
1981 Comp Biochem and Physiol 68B (3) 467-472
Wa
Schistosoma mansoni, key enzymes of carbohydrate metabolism, activities and isoenzyme electrophoretic patterns in relation to parasite developmental stage and sex and to host origin (permissive vs. non-permissive)
- Age of parasite
Coadwell WJ; Ward PFV
1981 Parasitology 82 (2) Apr 257-261 Wa
Haemonchus contortus, development, composition, and maintenance of experimental populations in sheep: relation between worm body length, dry weight, and age, growth curves, variations in sex ratio for infections of different ages, rate of expulsion
- Age of parasite
Coffman CC
1972 Diss (South Dakota State Univ) 107 pp Ann Arbor Michigan Wa (DISS 72-33,332)
Geomylicus geomydis n. sp. from Geomys b. bur-sarius, rates of infestation by season, sex of host, and age of host, statistical analysis and comparison with 4 other major ectoparasite populations (parasite age & sex structures, total and mean population densities, mean seasonal percent), distribution and behavior on host body, observations on eggs, survival after removal from host, body weights, life cycle
- Age of parasite
Crystal MM
1979 J Med Entom 15 (2) Feb 8 103-108 Wa
Cochliomyia hominivorax sterilization, optimum combination of dose, age, and developmental stage at time of irradiation that would not affect mating competitiveness and longevity
- Age of parasite
Daher VR; Krettli AU
[1981] J Protozool 27 (4) Nov 1980 440-442
Issued Mar 11 Wa
Plasmodium gallinaceum, infectivity for chicks of oocyst sporozoites isolated on different days after Aedes fluviatilis had fed on infected birds, comparison with infectivity of salivary-gland sporozoites isolated from same group of mosquitoes; antigenicity of oocyst and salivary-gland sporozoites is similar
- Age of parasite
Dickinson RG et al
1980 J Austral Entom Soc 18 (3) 1979 199-210
Issued Mar 14 Wa
Boophilus microplus, a prostaglandin and a second smooth muscle contracting component from saliva, salivary glands or hemolymph of engorged or partly engorged females; prostaglandin not dependent on host immune status nor of host origin, more likely produced by tick, possibly functions in establishing feeding lesion or has physiological role in tick; identity and role of second component not known
- Age of parasite
Fannaly MT
1980 Proc Louisiana Acad Sc 43 Dec 26-29 Wa
Oleocira praegustator on Brevoortia patronus, life history, host lengths, parasite lengths, parasite sex distribution, effect on host: Lake Pontchartrain, Louisiana
- Age of parasite
Franz M; Zielke E
1980 Tropenmed u Parasitol 31 (3) Sept 345-356
Wa
Wuchereria bancrofti, microfilariae from Libe-rian man, 1st-, 2nd-, and 3rd-stage larvae from vector, and 4th-stage larvae from experimental rodent hosts, surface structures, scanning electron microscopy
- Age of parasite
Goddard MJ; Jordan P
1980 Tr Roy Soc Trop Med and Hyg 74 (2) 185-191
Wa
Schistosoma mansoni, human, fluke life-span in hosts of different ages, statistical analysis: St. Lucia, West Indies
- Age of parasite
Goodenough JL; Wilson DD; Agee HR
1977 J Med Entom 14 (3) Nov 30 309-312 Wa
Cochliomyia hominivorax, electroretinographic measurements of visual sensitivity of wild vs. mass-reared flies, effect of sex, age, and irradiation, changes in rearing technique may be necessary to keep visual sensitivity of mass-reared flies more like that of wild flies
- Age of parasite
Hanna REB
1980 Exper Parasitol 50 (2) Oct 155-170 Wa
Fasciola hepatica, immunofluorescent study of antigenic changes in tegument during develop-ment in rat and sheep
- Age of parasite
Holscher KH; Gearhart HL; Barker RW
1980 Ann Entom Soc Am 73 (3) May 15 288-292 Wa
Amblyomma americanum, A. maculatum, Dermacentor variabilis, olfactory perception of carbon di-oxide, effect of sex, age, humidity, tempera-ture, and carbon dioxide preconditioning; field study with laboratory-reared A. americanum adults of various ages
- Age of parasite
Hopkins DE; Chamberlain WF
1980 Ann Entom Soc Am 73 (2) Mar 15 204-206 Wa
Bovicola ovis, gamma irradiation of eggs, ef-fect on egg mortality, egg productivity of subsequent females, and testes development of subsequent males, eggs progressively more re-sistant with increasing age
- Age of parasite
Ikeda T; Fujita K
1980 J Parasitol 66 (2) Apr 197-204 Wa
Paragonimus ohirai, rats, relationship between IgE titer, migration route, and parasite age, indirect hemagglutinating antibody response not influenced by same variables
- Age of parasite
Inslar GD
1981 Comp Biochem and Physiol 70B (4) 697-702
Wa
Hymenolepis diminuta, crowded vs. uncrowded worms, 10-day-old vs. 6-day-old worms, thymi-dine uptake kinetics, effect of succinate
- Age of parasite
Johnson P et al
1981 Parasite Immunol 3 (1) Spring 69-80 Wa
Brugia pahangi, serum-mediated adherence of feline eosinophils and neutrophils to microfilariae in vitro, involvement of IgG and complement, effect of age or origin of microfilariae

Age of parasite

Kearn GC
1980 Parasitology 81 (1) Aug 71-89 Wa
Entobdella soleae, oncomiracidia hatched with and without chemical stimulation in light and in darkness, light and gravity responses in relation to larval age and their role in host location

Age of parasite

Keshavarz-Valian H; Nollen PM
1980 J Parasitol 66 (4) Aug 684-686 Wa
Philophthalmus gralli miracidia, responses to gravity and light, effects of aging and temperature on these responses

Age of parasite

Keymer A
1981 J Animal Ecol 50 (3) Oct 941-950 Wa
Hymenolepis diminuta, population dynamics in *Tribolium confusum*: relationship between number of exposures to infection and resultant parasite burden per host; relationships between cysticeroid density, age, and infectivity; relationship between infective-stage density and resultant parasite burden per host (transmission to intermediate host; transmission to definitive host); influence of infection on intermediate host population growth

Age of parasite

Kuris AM
1980 Internat J Parasitol 10 (1) Feb 21-25 Wa
Echinostoma liei miracidia, infectivity for *Biomphalaria glabrata*, effect of echinostome egg age, habitat heterogeneity, and water quality and volume, results enhance competitive potential of echinostomes as possible biological control agents for *Schistosoma mansoni*

Age of parasite

Lawson JR; Wilson RA
1980 Parasitology 81 (2) Oct 337-348 Wa
Schistosoma mansoni cercariae, effect of water temperature on longevity, utilization of endogenous glycogen reserve during ageing

Age of parasite

Matthews BF
1981 Parasitology 83 (3) Dec 587-593 Wa
Cercaria vaulleardi in *Tigriopus brevicornis* (haemocoel) (exper.), inoculative mechanism whereby cystophorous cercariae infect copepod 2nd intermediate host related to ultrastructure of cercaria and to feeding mechanics of harpacticoids, cercarial viability decreased with age and varied with season

Age of parasite

Mills CA
1980 Internat J Parasitol 10 (4) Aug 287-291 Wa
Transversotrema patialense on *Brachydanio rerio*, (parasite) age- and density-dependent growth, increase in occurrence of reproductive abnormalities in old parasites

Age of parasite

Mills CA
1980 Parasitology 81 (1) Aug 91-102 Wa
Transversotrema patialense, temperature- and age-dependent survival and reproduction within parasite populations on *Brachydanio rerio*

Age of parasite

Mills GL; Taylor DC; Williams JF
1981 Molec and Biochem Parasitol 3 (5) Sept 301-318 Wa
Taenia taeniaeformis metacestodes, lipid composition, lipid changes at different growth stages

Age of parasite

Misra A; Katiyar JC; Sen AB
1980 Indian J Exper Biol 18 (8) Aug 906-909 Wa
Nippostrongylus brasiliensis, rats, factors modifying therapeutic efficacy of thiabendazole (worm burden, host resistance, age of parasite, and starvation altered efficacy; host age and weight and concurrent infection with *Hymenolepis nana* did not)

Age of parasite

Pandey VS
1980 Vet Parasitol 7 (4) Dec 357-362 Wa
Strongylus vulgaris, donkeys (anterior mesenteric artery), prevalence and intensity of infection, parasite sex ratio and age structure, seasonal patterns: Morocco

Age of parasite

Pandey VS
1981 Trop Animal Health and Prod 13 (2) May 119-122 Wa
Strongylus vulgaris in horses (anterior mesenteric artery), incidence, intensity, age structure of parasite population, data by month from August 1978 to July 1979: Morocco

Age of parasite

Parshad VR; Crompton DWT; Martin J
1980 Parasitology 81 (2) Oct 423-431 Wa
Moniliformis dubius (? = *M. moniliformis*), surface morphology of ovarian balls from worms of different ages, scanning electron microscopy; preliminary observations on division process of ovarian balls from uniseminated and inseminated worms of known age, light microscopy

Age of parasite

Rhodes AR; Norment BR
1979 J Med Entom 16 (6) Dec 18 488-492 Wa
ticks of mammals, frequency, developmental stage, seasonal distribution: Marshall County, Mississippi

Age of parasite

Smalley ME; Abdalla S; Brown J
1981 Tr Roy Soc Trop Med and Hyg 75 (1) 103-105 Wa
Plasmodium falciparum, distribution of asexual and (immature and mature) sexual parasites in peripheral blood and bone marrow of pyrimethamine-treated and untreated Gambian children

Age of parasite

Smith DH
1977 J Med Entom 14 (2) Nov 25 137-145 Wa
Cuterebra approximata in *Peromyscus maniculatus* and other rodent species, incidence, univoltine life cycle, localization, bimodal seasonal occurrence, effect of egg age, photoperiod, temperature, and ecdysone injections on development, lack of immune response, disparity in adult fly sex ratios, implications of high host specificity and mortality rate for use in biological control, laboratory and field studies: Missoula, Montana

- Age of parasite
Stullken RE
1980 J Helminth 54 (1) Mar 47-48 Wa
Nippostrongylus brasiliensis, changes in lipid content of infective larvae with age
- Age of parasite
Udonsi JK; Nwosu ABC; Anya AO
1980 Ztschr Parasitenk 63 (3) 251-259 Wa
Necator americanus, frequency distribution of human fecal deposits and infective larvae on farmlands in hookworm endemic area; age structure of larvae and their vertical distribution in soil; weekly and monthly fluctuations in L3 populations: Nigeria
- Age of parasite
Uspenskii IV; Emel'ianova OIU
1980 Zool Zhurnal 59 (5) May 699-704 Wa
Ixodes ricinus, I. persulcatus, both sexes attracted to aggregation pheromone from virgin adults, attraction more distinct in older ticks than in younger ones
- Age of parasite
Wrona FJ; Davies RW; Linton L
1979 Canad J Zool 57 (11) Nov 2136-2142 Wa
Glossiphonia complanata, analysis of food niche, serological techniques, examination of prey utilization with respect to field range, seasonality, and weight (size-age) differences
- Agglutination See Immunity, Agglutination
- Air-borne diseases See Disease transmission, Air
- Alaska See United States, Alaska
- Algeria
Anciaux de Faveaux M
1977 Bull Soc Hist Nat Afrique Nord 67 (1-2) Sept 1976 69-80 Wa
parasites of bats, review: Algeria
- Allergy See Immunity, Allergy
- Altitude
Beaucournu JC; Rahm U
1978 Acta Trop 35 (4) Dec 357-372 Wa
Siphonaptera of rodents and insectivores, survey, data on preferred hosts, dates of capture in relation to rainfall, altitude of collecting sites, and sex ratios: Zaire
- Altitude
Graf JF; Mermod C; Aeschlimann A
1979 Bull Soc Neuchatel Sc Nat 3 s 102 55-68 Wa
Ixodes trianguliceps, geographic distribution, ecology (seasonal fluctuation, altitude and biotope comparisons, mixed infestations), life cycle: Suisse
- Altitude
Rioux JA et al
1980 Ann Parasitol 55 (4) July-Aug 445-453 Wa
visceral leishmaniasis, inhabitants of farms and villages on slopes of hillsides at altitudes of 300-500 m are at greatest risk because these places are preferred habitat of sandfly vector: Cevennes
- Altitude
Tzoneva M et al
1980 Bull World Health Organ 58 (4) 659-662 Wa
Plasmodium falciparum, humans, frequency of glucose-6-phosphate dehydrogenase deficiency in relation to altitude, malaria hypothesis
- Altitude
Williams JE et al
1980 Bull World Health Organ 58 (3) 459-468 Wa
Xenopsylla cheopis and Stivalius cognatus, vectors of human Yersinia pestis, infected fleas found most often in houses and at higher altitudes, survey in mountain villages of the Boyolali Regency in Central Java
- Amebic abscess See Abscess, Amebic
- Ameboma See Granuloma
- Amino acids [See also Biochemistry; Metabolism; Proteins]
- Amino acids
Ando K; Mitsuhashi J; Kitamura S
1980 Am J Trop Med and Hyg 29 (2) Mar 213-216 Wa
Dirofilaria immitis, uptake of amino acids and glucose by microfilariae maintained in culture medium for 8 days
- Amino acids
Aomine M
1981 Comp Biochem and Physiol 68A (4) 531-540 Wa
Protozoa, amino acid absorption and transport, review
- Amino acids
Gillin FD; Diamond LS
1981 Exper Parasitol 52 (1) Aug 9-17 Wa
Entamoeba histolytica and Giardia lamblia in culture media, attachment of trophozoites to glass as function of phase of growth, effects of cysteine and ascorbic acid on kinetics of attachment, effects of cysteine, cystine, and ascorbic acid on trophozoite survival at different oxygen tensions
- Amino acids
Gillin FD; Diamond LS
[1981] J Protozool 27 (4) Nov 1980 474-478
Issued Mar 11 Wa
Entamoeba histolytica in defined maintenance medium, attachment to glass, motility, and survival, specific requirement for cysteine and ascorbic acid
- Amino acids
Isseroff H; Chi CW
1981 Comp Biochem and Physiol 70A (4) 547-550 Wa
uninfected rats infused intraduodenally with proline had depressed nitrogen retention comparable to that observed in animals infected with Fasciola hepatica
- Amino acids
Lussier PE; Podesta RB; Mettrick DF
[1980] J Parasitol 65 (6) Dec 1979 842-848
Issued Apr 2 Wa
Hymenolepis diminuta, Na⁺-dependent and Na⁺-independent components of neutral amino acid transport

- Amino acids
Pappas PW; Gamble HR
1980 Parasitology 81 (2) Oct 395-403 Wa
Hymenolepis diminuta, characteristics of aromatic amino acid transport
- Amino acids
Roy TK; Srivastava VML
1981 Exper Parasitol 51 (1) Feb 21-27 Wa
Cotugnia digonopora, mechanism of leucine transport through tegument
- Amino acids
Ruff MD; Wilkins GC
1980 Parasitology 80 (3) June 555-569 Wa
Eimeria spp., in vitro absorption of glucose and L-methionine in 8 regions of small intestine of infected broilers
- Amino acids
Thomas JD et al
1980 Comp Biochem and Physiol 66C (1) 17-27 Wa
Biomphalaria glabrata adults, behavioral responses to amino acids and related compounds (including propionic acid), postulated structure-activity relationship for compounds effective as attractants, arrestants, or repellents and their chemoreceptors
- Amino acids
Voorheis HP
1980 Biochem Soc Tr 8 (3) June 273-275 Wm
Trypanosoma brucei, energized amino acid transport requires glycolytic intermediate
- Amino acids
Willis GM; Baker DH
1981 J Nutrition 111 (7) 1157-1163 Wa
Eimeria acervulina-infected chicks (exper.) fed diets deficient in amino acid had increased rate and efficiency of weight gain while those fed adequate diets had expected severe growth depression, response resulted from parasitic infection per se and not from components of inoculum
- Amino acids, Host
Ball SJ; Heading CE; Tranter B
1980 Experientia 36 (7) July 15 839-840 Wm
Eimeria nieschulzi-infected rats, absorption of glycine and proline through jejunum and ileum was impaired when the amino acids were presented to mucosal surface as either a mixture or the dipeptide glycyl-proline
- Amino acids, Host
El-Shobaki FA et al
1980 Tropenmed u Parasitol 31 (1) Mar 94-98 Wa
Schistosoma mansoni, S. haematobium, Egyptian patients with different degrees of complications, amino acid patterns in plasma and urine
- Amino acids, Host
Findley AM; Blakeney EW jr; Weidner EH
1981 Biol Bull 161 (1) Aug 115-125 Wa
Ameson michaelis-infected Callinectes sapidus, parasite-induced alterations in biochemical composition of host tissues: Louisiana
- Amino acids, Host
Gad AM; Maier WA; Piekarski G
1979 Ztschr Parasitenk 60 (3) 263-276 Wa
Plasmodium berghei berghei-infected Anopheles stephensi, changes in amino acid contents
- Amino acids, Host
Isoun TT; Isoun MJ
1978 Acta Trop 35 (3) Sept 287-290 Wa
Trypanosoma brucei, amino acid profile of bloodstream form, plasma amino acid profile of normal vs. infected rats
- Amino acids, Host
Schmidt SP; Platzer EG
1980 J Invert Path 36 (2) Sept 240-254 Wa
Romanomermis culicivorax in Culex pipiens (exper.), histopathology, changes in fat body tissue, imaginal disc development, growth, and in hemolymph carbohydrates, amino acids, and proteins
- Amino acids, Host
Singh US; Mohan Rao VK
1981 Indian J Exper Biol 19 (2) Feb 186-188 Wa
Acanthamoeba culbertsoni, mice, experimental meningoencephalitis, changes in levels of amino acids and enzymes connected with their metabolism in brain
- Amino acids, Host
Soutter AM; Walkey M; Arme C
1980 Ztschr Parasitenk 63 (2) 151-158 Wa
Ligula intestinalis, amino acid composition in plerocercoids, and in perivisceral fluid and blood of infected Rutilius rutilus, L-leucine uptake by plerocercoids
- Amino acids, Host
Symons LEA; Jones WO
1981 Internat J Parasitol 11 (3) June 229-233 Wa
Trichostrongylus colubriformis-infected guinea pigs, distribution of ¹⁴C-L-leucine in organs and tissues, results show that intestinal nematode infection changes distribution of amino acids between different tissues and that there is appreciable change in protein metabolism of intestinal tract
- Amino acids, Parasite
Barrett J
1981 Biochemistry of parasitic helminths 308 pp
London (MacMillan Publishers Ltd) Wa(QL392.B3)
- Amino acids, Parasite
Bogitsh BJ; Carter OS
1980 Exper Parasitol 49 (3) June 319-327 Wa
Schistosoma mansoni, effect of colchicine on in vitro uptake and incorporation of proline in tegument of male vs. female adults, on cytochemical localization of alkaline phosphatase in tegumental invaginations, and on tegumental and subtegumental morphology
- Amino acids, Parasite
Boothroyd JC et al
1980 Nature London (5791) 288 Dec 11 624-626 Wa
Trypanosoma brucei, nucleotide sequence data which suggest that primary translation product of one variant surface glycoprotein gene contains hydrophobic tail at carboxy terminus which is not found on isolated mature glycoprotein, data also predict that glycosylated residue is aspartic acid rather than anticipated asparagine

- Amino acids, Parasite
Caldas RA et al
1980 J Parasitol 66 (2) Apr 213-216 Wa
Trypanosoma cruzi, incorporation of ammonium into amino acids via 3 different enzymatic systems
- Amino acids, Parasite
Campbell AJ et al
1981 Molec and Biochem Parasitol 3 (2) June 91-101 Wa
Fasciola hepatica, proline biosynthesis at different developmental stages in vivo and in vitro
- Amino acids, Parasite
El-Asmar MF; Abdel Aal TM; Rifaat MA
1975 Ain Shams Med J 26 (4) July 487-489 Wm
Fasciola gigantica, 14 free amino acids used in protein synthesis identified in acid extract of parasite, compared with those from Schistosoma mansoni
- Amino acids, Parasite
Fujimoto D; Horiuchi K; Hiramama M
1981 Biochem and Biophys Research Commun 99 (2) Mar 31 637-643 Wa
Ascaris lumbricoides, isolation and characterization of new crosslinking amino acid (isotritirosine) from cuticle collagen
- Amino acids, Parasite
Gaur AS; Agarwal SM
1980 Indian J Exper Biol 18 (12) Dec 1518-1519 W
Jaramphistomum cervi, quantitative studies of total protein, glycogen, lipids, cholesterol, and inorganic K, Na, and Ca, qualitative studies on free amino acids and sugars
- Amino acids, Parasite
Girotra KL; Isseroff H
1980 Exper Parasitol 49 (1) Feb 41-46 Wa
Fasciola hepatica-infected rats, azetidine inhibition of bile duct hyperplasia, results support hypothesis that hyperplasia is mediated through release of free proline from worms and suggest importance of collagen biosynthesis in hyperplasia
- Amino acids, Parasite
Gupta V; Agrawal SK
1979 Indian J Helminth 29 (1-2) Mar-Sept 1977 140-143 Issued Feb 28 Wa
Gastrothylax crumenifer, amino acid composition
- Amino acids, Parasite
Hall JE; Dahm KH; Seed JR
1981 Comp Biochem and Physiol 68B (4) 521-526 Wa
Trypanosoma brucei gambiense, quantification of tryptophan catabolites formed by intact and lysed trypanosomes in vitro, procedures may be useful in determining possible role of tryptophan metabolism in pathogenesis of African trypanosomiasis
- Amino acids, Parasite
Hall JE; Seed JR
1981 Comp Biochem and Physiol 69B (4) 791-796 Wa
Trypanosoma brucei gambiense, acutely infected mice, quantitation of aromatic amino acid catabolites in urine (presumably resulting from trypanosome catabolism although induction of host pathways may contribute), metabolic disturbance could contribute to pathogenesis of trypanosomiasis, may also prove to be useful diagnostically
- Amino acids, Parasite
Holder AA; Cross GAM
1981 Molec and Biochem Parasitol 2 (3-4) Feb 135-150 Wa
Trypanosoma brucei, glycopeptides from variant surface glycoproteins, amino acid and sugar composition and partial or complete amino acid sequence, C-terminal location of antigenically cross-reacting carbohydrate moieties
- Amino acids, Parasite
Hung CH; Butkowsky RJ; Hudson BG
1980 J Biol Chem 255 (10) May 25 4964-4971 Wa
Ascaris suum, intestinal basement membrane, properties of collagenous domain
- Amino acids, Parasite
Isoun TT; Isoun MJ
1978 Acta Trop 35 (3) Sept 287-290 Wa
Trypanosoma brucei, amino acid profile of bloodstream form, plasma amino acid profile of normal vs. infected rats
- Amino acids, Parasite
Krassner SM; Flory B
1977 Acta Trop 34 (2) June 157-166 Wa
Leishmania tarentolae, L. donovani, Trypanosoma scopolori, culture forms, physiologic interactions between L-proline and D-glucose, review
- Amino acids, Parasite
Labastie MC et al
1981 Biochem and Biophys Research Commun 99 (2) Mar 31 729-736 Wa
Trypanosoma equiperdum, variant specific glycoproteins, cross reacting determinants and chemical studies
- Amino acids, Parasite
Lutz PL; Iversen ES; Tocci PM
1981 J Parasitol 67 (2) Apr 280-281 Wa
Hirudinella ventricosa, protonephridial fluid, pH, chloride ion concentration, osmotic pressure, amino acid composition
- Amino acids, Parasite
Matthyssens G et al
1981 Nature London (5829) 293 Sept 17-23 230-233 Wa
Trypanosoma brucei, two variant surface glycoproteins have conserved C-terminus
- Amino Acids, Parasite
Olenick JG; Travis RW; Garson S
1981 Molec and Biochem Parasitol 3 (4) Aug 227-238 Wa
Trypanosoma rhodesiense, variant-specific surface coat glycoproteins, chemical and immunological characterization
- Amino acids, Parasite
Pathak KML; Gaur SNS; Verma HC
1980 Vet Parasitol 7 (4) Dec 375-378 Wa
Taenia hydatigena (Cysticercus tenuicollis), quantitative analysis of amino acid composition of cyst fluid, membranes, and scolices
- Amino acids, Parasite
Perov MF; Tal'drik AA
1975 Parazitologiya Leningrad 9 (6) Nov-Dec 535-539 Wa
Eimeria spp., hens (exper.), amino acid composition of oocysts, oocyst membranes, and sporocysts

Amino acids, Parasite

Popiel I; Erasmus DA
1981 J Helminth 55 (1) Mar 33-37 Wa
Schistosoma mansoni, changes in rate of tyrosine uptake and incorporation by unisexual females after stimulation by males and male extracts, implications for reproductive development

Amino acids, Parasite

Seed JL; Kilts CD; Bennett JL
1980 Exper Parasitol 50 (1) Aug 33-44 Wa
Schistosoma mansoni, evidence that L-tyrosine is substrate for phenol oxidase in vivo, concluded that it would be difficult if not impossible to control egg production in female schistosomes by limiting substrate availability

Amino acids, Parasite

Smith GM; Pettigrew GW
1980 European J Biochem 110 (1) Sept 1 123-130 Wm
Crithidia oncopelti, identification of N, N-dimethylproline as N-terminal blocking group of cytochrome c₅₅₇

Amino acids, Parasite

Soutter AM; Walkey M; Arme C
1980 Ztschr Parasitenk 63 (2) 151-158 Wa
Ligula intestinalis, amino acid composition in plerocercoids, and in perivisceral fluid and blood of infected Rutilus rutilus, L-leucine uptake by plerocercoids

Amino acids, Parasite

Tanaka RD; MacInnis AJ
1980 J Parasitol 66 (2) Apr 354-355 Wa
Moniliformis dubius, pseudocoelomic fluid, amino acids, glucose, and malate concentrations, osmolality

Amino acids, Parasite

Tandon RS; Misra KC
1980 J Helminth 54 (4) Dec 259-262 Wa
Fasciola indica, threonine and serine dehydratase activity

Amino acids, Parasite

Torre-Blanco A; Toledo I
1981 J Biol Chem 256 (11) June 10 5926-5930 Wm
Cysticercus cellulosae (larval stage of Taenia solium), isolation, purification, and characterization of collagen

Amino acids, Parasite

Wright FC; Crookshank HR; Cooper JF
1980 Southwest Entom 5 (3) Sept 187-190 Wa
Psoroptes ovis, P. cuniculi, determination and comparison of free amino acids and related compounds

Anabolism See Metabolism

Anaemia See Anemia

Anaphylaxis See Immunity, Allergy

Anatomy See Morphology

Anemia [See also Blood; Hemoglobin]

Anemia

Anosa VO; Obi TU
1980 Zentralbl Vet Med Reihe B 27 (9-10) 773-788 Wa
haematology and incidence of blood protozoans and helminths in 4 breeds of cattle under nutritional stress, role of host age, breed, and haemoglobin type

Anemia

Crowle PK; Reed ND
1981 Infect and Immun 33 (1) July 54-58 Wa
Nippostrongylus brasiliensis, evaluation of ability of mast cell-deficient W/W^V anemic mice to accumulate mucosal mast cells, produce worm-specific IgE antibody, and reject worms, results indicate that mucosal mast cells are not absolute requirement for rejection

Anemia

Haller L
1980 Acta Trop 37 (4) Suppl 11 Dec 74-89 Wa
anemia in school children, study of etiology, includes information on blood values in relation to parasitism: Ivory Coast

Anemia

Obi TU; Anosa VO
1980 Zentralbl Vet Med Reihe B 27 (9-10) 789-797 Wa
protozoan and helminth diseases in undernourished cattle, clinical and haematological manifestations: Nigeria

Anemia, Arthropoda

Ammelounx B
1980 Tierarztl Umschau 35 (10) Oct 1 692 695-696 Wa
Linognathus vituli, calves, massive infestation, anemia

Anemia, Arthropoda

Humphrey JD; Spradbery JP; Tozer RS
1980 Exper Parasitol 49 (3) June 381-397 Wa
Chrysomya bezziana, Brahman-cross steers (exper.), gross and histopathology, clinical syndrome, hematology and biochemistry, bacteriology

Anemia, Arthropoda

Mehrotra P; Singh T
1979 J Entom Research 3 (1) June 57-59 Wa
Haematopinus tuberculatus-infected Camelus dromedarius, haematology, blood chemistry, anemia: Bikaner

Anemia, Arthropoda

Obasaju MF; Otesile EB
1980 Trop Animal Health and Prod 12 (2) May 116-118 Wa
Ctenocephalides canis, sheep and goats, significant correlation between packed cell volume and degree of infestation: University of Ibadan Farm, Nigeria

Anemia, Arthropoda

Rechav Y; Kuhn HG; Knight MM
1980 J Med Entom 17 (6) Dec 30 555-560 Wa
Amblyomma hebraeum, rabbits (exper.), effect on host blood composition and weight, positive correlation between level of tick infestation and weight loss, anemia and weight loss appear to result from combination of blood loss and toxins introduced by feeding ticks

- Anemia, Cestoda
von Bonsdorff B; Gordin R
1980 Acta Med Scand 208 (3) 193-197 Wm
Diphyllobothrium latum anaemia, humans, differs from pernicious anaemia in that the parasite competes for vitamin B₁₂ in the host jejunum, absorbs vitamin contained in the food and prevents vitamin bound to intrinsic factor of gastric juices from reaching distal portions of the intestine, tapeworm anaemia can not be treated orally as can pernicious anaemia
- Anemia, Cestoda
Tkacz B; Chizynski Z
1979 Wiadom Lekar 32 (6) Mar 15 395-397 Wm
Taeniarrhynchus saginatus, elderly man, case report, severe anemia with other significant changes in blood values
- Anemia, Cestoda
Vijayakumaran Nair K; Nadakal AM
1981 Vet Parasitol 8 (1) Feb 49-58 Wa
Raillietina tetragona, domestic fowl (exper.), haematological changes
- Anemia, Nematoda
Anderson AJU
1981 J Trop Pediat 27 (1) Feb 26-35 Wm
Ascaris, Trichuris, and hookworms included as causes of anemia of young Iban children, findings of nutritional survey: Kalimantan (Indonesian Borneo)
- Anemia, Nematoda
Charoenlarp P et al
1980 Southeast Asian J Trop Med and Pub Health 11 (1) Mar 97-103 Wa
effect of riboflavin on hematologic changes in iron supplementation of schoolchildren, including those with hookworm: rural area near Bangkok, Thailand
- Anemia, Nematoda
Griffin L
1980 Vet Parasitol 7 (2) Sept 123-131 Wa
Haemonchus contortus, sheep of different hemoglobin types (exper.), phenothiazine treatment shortly after patency, faecal egg output, haematological indices, and worm burden (of arrested larvae and adults) at intervals after infection; removal of adult worms by treatment did not stimulate resumption of development of arrested larvae, hemoglobin type may be factor in arrest of larvae as it is in resistance to adult worms
- Anemia, Nematoda
Griffin L et al
1981 J Comp Path 91 (1) Jan 97-103 Wa
Trypanosoma congolense, Haemonchus contortus, 2 breeds of goat (Saanen x Galla and East African), mixed vs. single infections, red cell destruction rate, erythropoietic response of femoral bone marrow
- Anemia, Nematoda
Gujral S et al
1981 J Parasitol 67 (5) Oct 758-759 Wa
Ancylostoma ceylanicum-infected golden hamsters, altered serum lipid profile, increased turbidity of serum, anemia
- Anemia, Nematoda
Gupta JP et al
1980 Acta Gastroenter Belg 43 (4-5) May-June 209-217 Wm
hookworms, assessment of gastrointestinal pathology and anemia associated with infections in 53 patients: India
- Anemia, Nematoda
Hussein L et al
1981 Nutrition Rep Internat 23 (5) May 901-913 Wa
Giardia lamblia, Ascaris lumbricoides, school children, anemia, effect of low levels of iron supplementation (alone and in combination with anthelmintic treatment) on hemoglobin levels: Kafr-Hifna, Egypt
- Anemia, Nematoda
Ishihara K et al
1981 Japan J Vet Sc 43 (1) Feb 1-11 Wa
dirofilariasis, dogs with hemoglobinuria vs. normal dogs and dogs with chronic serious filariasis without hemoglobinemia and hemoglobinuria, hemolysis, lipid alterations in blood serum and red cell membrane
- Anemia, Nematoda
Krishna Das KV
1980 J Ass Physicians India 28 (12) Dec 521-533 Wm
nutritional anaemias, includes helminths as a major cause in children (survey by age groups): India
- Anemia, Nematoda
Mankodi NA et al
1981 J Ass Physicians India 29 (2) Feb 109-113 Wm
hookworm, C 9333-GO/CGP 4540, critical evaluation for possible effects on systolic time intervals in adults with chronic anaemia, no adverse effects detected
- Anemia, Nematoda
Maspes V; Tamigaki M
1979 Rev Saude Pub S Paulo 13 (4) Dec 357-365 Wm
ancylostomiasis, patients with anemia and high rate of parasitism, hematologic variations, importance of iron reabsorption in intestinal hemorrhage
- Anemia, Nematoda
Maspes V; Tamigaki M
1980 Rev Hosp Clin S Paulo 35 (2) Apr 60-66 Wm
ancylostomiasis, humans with anemia consequent to parasitic infections, blood parameters, application of these parameters to determination of degree of anemia
- Anemia, Nematoda
Nazari MR; Massoud J
1980 Bull Soc Path Exot 73 (1) Jan-Feb 108-111 Wa
intestinal helminths, population of 6 villages, incidence survey, intensity of hookworm infections correlated with blood changes, indications that hookworm anemia is not a significant problem: rural area of Khuzestan, south-west Iran
- Anemia, Nematoda
Rep BH
1980 Trop and Geogr Med 32 (3) Sept 251-255 Wa
Ancylostoma spp., method proposed for estimating reduction of hookworm population in host during infection period (population regression), based on calculations of daily blood loss per worm

- Anemia, Nematoda**
 Roberts AB et al
 1981 J Trop Pediat 27 (2) Apr 78-82 Wm
 malnutrition and anaemia in Gilbertese pre-school children, a case-finding and epidemiological survey, includes importance of hookworm in etiology: Gilbert Islands
- Anemia, Nematoda**
 Sobota K et al
 1979 Bratisl Lekar Listy 71 (6) June 731-733 Wm
 Trichuris trichiura, woman, severe sideropenic anemia which improved only after mebendazole therapy
- Anemia, Protozoa**
 Abdalla S; et al
 1980 Brit J Haematol 46 (2) Oct 171-183 Wa
 Plasmodium falciparum, Gambian children, haematological changes analysed during infection indicate that pathophysiological mechanisms responsible for anaemia are different at different stages of the illness
- Anemia, Protozoa**
 Aikat BK et al
 1979 Indian J Med Research 70 Oct 571-582 Wa
 kala-azar, early and late stages, patients, haematological findings, bone marrow picture, presence of complement (C3) on red blood cells demonstrated using anti C3, autoimmune mechanisms may be involved in anemia
- Anemia, Protozoa**
 Akinkugbe FM
 1980 Ann Trop Med and Parasitol 74 (6) Dec 625-633 Wa
 anemia in children, prevalence, causal factors including malaria, effect of hemoglobin genotype and glucose-6-phosphate dehydrogenase deficiency: Ilora, Nigeria
- Anemia, Protozoa**
 Anosa VO
 1980 Zentralbl Vet Med Reihe B 27 (3) 169-180 Wa
 Trypanosoma brucei in splenectomised and intact mice (exper.), parasitaemia, plasma volumes, leucocyte and bone marrow cell counts, moribund state
- Anemia, Protozoa**
 Anosa VO; Isoun TT
 1980 J Comp Path 90 (1) Jan 155-168 Wa
 Trypanosoma vivax, goats, intact and splenectomized sheep, anemia, red cell survival and sites of destruction, roles of bone marrow and spleen, changes in total and differential leucocyte counts
- Anemia, Protozoa**
 Anosa VO; Obi TU
 1980 Zentralbl Vet Med Reihe B 27 (9-10) 773-788 Wa
 haematology and incidence of blood protozoans and helminths in 4 breeds of cattle under nutritional stress, role of host age, breed, and haemoglobin type
- Anemia, Protozoa**
 Banks KL
 1980 J Parasitol 66 (1) Feb 34-37 Wa
 Trypanosoma congolense adhesion to host red blood cells followed by immune response to parasite may damage infected host by 'innocent bystander' mechanisms
- Anemia, Protozoa**
 Bienzle U; Guggenmoos-Holzmann I; Luzzatto L
 1981 Internat J Epidemiol 10 (1) Mar 9-15 Wm
 malaria in children (mostly Plasmodium falciparum) living in holoendemic malaria region, clinical parameters such as parasitaemia and degree of anaemia examined with respect to sex, age, haemoglobin types, and erythrocyte glucose-6-phosphate dehydrogenase variants: West Africa
- Anemia, Protozoa**
 Daddow KN
 1979 Austral Vet J 55 (9) Sept 433-434 Wa
 Eperythrozoon ovis, lambs (exper.), anemia, reduced wool production and weight gains, decreased exercise tolerance
- Anemia, Protozoa**
 Dash S; Dash RJ
 1980 Trop and Geogr Med 32 (4) Dec 312-316 Wa
 haemolytic anaemias, humans, analysis of impact of diverse racial and genetic factors in the causation, includes Plasmodium falciparum: Punjab, North India
- Anemia, Protozoa**
 Dubey JP et al
 1981 J Am Vet Med Ass 178 (7) Apr 1 683-699 Wa
 Sarcocystis capracanis, goats (exper.), clinical signs, pathologic and hematologic findings
- Anemia, Protozoa**
 Facer CA
 1980 Clin and Exper Immunol 41 (1) July 81-90 Wa
 Plasmodium falciparum, Gambian children, direct antiglobulin reactions, IgG subclass and Gm allotype distribution of red cell-bound IgG molecules, association with anemia
- Anemia, Protozoa**
 Facer CA; Brown J
 1981 Lancet London (8225) 1 Apr 18 897-898 Wa
 Plasmodium falciparum, human, monocyte erythrophagocytosis of non-parasitised cells exacerbates anaemia characteristic of this infection
- Anemia, Protozoa**
 Fayer R; Prasse KW
 1981 Vet Path 18 (3) May 351-357 Wa
 Sarcocystis bovicanis, acute infection in calves (exper.), qualitative and quantitative changes in cellular and serologic components of blood
- Anemia, Protozoa**
 Forrester DJ et al
 1980 J Wildlife Dis 16 (2) Apr 237-244 Wa
 Plasmodium hermani in domestic and laboratory-reared wild Meleagris gallopavo poults (exper.), anemia, splenomegaly, and decreased growth rates, results suggest that malaria may contribute to mortality of wild poults in Florida during first 3-4 weeks after hatching
- Anemia, Protozoa**
 Griffin L et al
 1981 J Comp Path 91 (1) Jan 97-103 Wa
 Trypanosoma congolense, Haemonchus contortus, 2 breeds of goat (Saanen x Galla and East African), mixed vs. single infections, red cell destruction rate, erythropoietic response of femoral bone marrow

- Anemia, Protozoa
 Cronstol H; Overaas J
 1980 Acta Vet Scand 21 (4) 523-532 Wa
 Eperythrozoon ovis, lambs (exper.), resulting haemolytic anaemia and acidosis may predispose for listeric septicaemia, but not for listeric meningo-encephalitis, immune response
- Anemia, Protozoa
 Hoffmann R; Schmid DO; Hoffmann-Fezer G
 1981 Vet Immunol and Immunopath 2 (2) Apr 111-119 Wa
 Eperythrozoon suis, pigs, acquired autoimmune hemolytic anemia due to 'cold' antibodies
- Anemia, Protozoa
 Howard RJ et al
 1981 Parasitology 83 (2) Oct 357-372 Wa
 Plasmodium falciparum, P. vivax, erythrocyte membrane sialoglycoproteins in infected and uninfected individuals: Papua New Guinea
- Anemia, Protozoa
 Howard RJ; Day KP
 1981 Exper Parasitol 51 (1) Feb 95-103 Wa
 Plasmodium berghei-infected mouse blood, modification of surface membrane glycoprotein sialic acids on uninfected and infected red cells, possible implications with regard to anemia induced by malaria (new sialic acid antigen(s) may elicit binding of autoantibody)
- Anemia, Protozoa
 Howard RJ; Smith PM; Mitchell GF
 1980 Parasitology 81 (2) Oct 251-271 Wa
 Babesia rodhaini-infected intact or hypothyemic BALB/c mice, characterization of surface protein and glycoproteins on red blood cells; considerations in radioisotope labelling
- Anemia, Protozoa
 Howard RJ; Smith PM; Mitchell GF
 1980 Parasitology 81 (2) Oct 273-298 Wa
 Plasmodium berghei-infected intact or hypothyemic BALB/c mice, characterization of surface proteins and glycoproteins on red blood cells; considerations in radioisotope labelling
- Anemia, Protozoa
 Howard RJ; Smith PM; Mitchell GF
 1980 Parasitology 81 (2) Oct 299-314 Wa
 Plasmodium yoelii-infected intact or hypothyemic BALB/c mice, characterization of surface proteins and glycoproteins on red blood cells; considerations in radioisotope labelling
- Anemia, Protozoa
 Hunter KW; et al
 1980 J Immunol 125 (1) July 169-174 Wm
 Plasmodium yoelii, mice, analysis of (parasitized and nonparasitized) erythrocyte surface-bound immunoglobulin by flow microfluorimetry, could contribute to development of anemia
- Anemia, Protozoa
 Hussein L et al
 1981 Nutrition Rep Internat 23 (5) May 901-913 Wa
 Giardia lamblia, Ascaris lumbricoides, school children, anemia, effect of low levels of iron supplementation (alone and in combination with anthelmintic treatment) on hemoglobin levels: Kafr-Hifna, Egypt
- Anemia, Protozoa
 Ikede BO; Lule M; Terry RJ
 1977 Acta Trop 34 (1) Mar 53-60 Wa
 Trypanosoma congolense, T. brucei, mice, mechanisms of erythrocyte destruction
- Anemia, Protozoa
 Jenkins GC et al
 1980 J Comp Path 90 (1) Jan 107-121 Wa
 Trypanosoma brucei brucei, rabbits, anemia, blood values, evidence for haemolysis
- Anemia, Protozoa
 Khan RA; Barrett M; Campbell J
 1980 J Wildlife Dis 16 (3) July 359-361 Wa
 Trypanosoma murmanensis in Myoxocephalus octodecemspinosus (exper.), hematological parameters, persistent anemia despite low parasitemias
- Anemia, Protozoa
 Kono I et al
 1980 Bull Fac Agric Kagoshima Univ (30) Mar 105-110 Wa
 Babesia gibsoni, dogs (exper.), hematology
- Anemia, Protozoa
 Lefrancois G et al
 1981 Lancet London (8248) 2 Sept 26 661-663 Wa
 Plasmodium falciparum, Gabon natives with chronic infections, and anti-erythrocyte autoimmunisation with anti-I specificity, possible associated interaction between I antigen and Plasmodium which facilitates penetration of the erythrocytes by malarial parasites: France
- Anemia, Protozoa
 McCrorie P et al
 1980 J Comp Path 90 (1) Jan 123-137 Wa
 Trypanosoma brucei brucei, splenectomized rabbits, anemia, hematological study of role of spleen
- Anemia, Protozoa
 Maede Y
 1980 Japan J Vet Sc 42 (3) June 281-288 Wa
 Haemobartonella felis-infected cats (exper.), changes of erythrocyte lipids concentration and their relation to osmotic fragility
- Anemia, Protozoa
 Maede Y
 1980 Nippon Zyuisei-Kai Zassi (J Japan Vet Med Ass) 33 (10) Oct 465-471 Wa
 Mechanism of occurrence of anemia in feline infectious anemia (feline hemobartonellosis)
- Anemia, Protozoa
 Maxie MG; Losos GJ; Tabel H
 1979 Tropenmed u Parasitol 30 (3) Sept 274-282 Wa
 Trypanosoma vivax, T. congolense, cattle (exper.), symptomatology, clinical pathology
- Anemia, Protozoa
 Moore DJ; Williams MC
 1979 J South African Vet Ass 50 (4) Dec 265-275 Wa
 Babesia canis, dogs, detailed examination of mild and severe clinical cases, marked thrombocytopenia, disseminated intravascular coagulation exhibited in severe cases, haematological and coagulation findings, macro- and microscopic pathology

- Anemia, Protozoa**
Obi GO; Chukudebelu WO
1981 Trop and Geogr Med 33 (2) June 129-133 Wa
iron status of anaemic pregnant Igbo women surveyed, malaria parasites detected in 7.5%, malaria apparently not an important factor as a cause of anaemia: Nigeria
- Anemia, Protozoa**
Paling RW; Grootenhuis JG; Young AS
1981 Vet Parasitol 8 (1) Feb 31-37 Wa
Theileria mutans, isolation from Kenyan *Syncerus caffer*, transmission to *Bos taurus* (exper.) by infected blood, transmission between cattle by *Amblyomma gemma* (exper.), severe anaemia developed in cattle
- Anemia, Protozoa**
Prasse KW; Fayer R
1981 Vet Path 18 (3) May 358-367 Wa
acute *Sarcocystis bovicanis* infection in calves (exper.), serum biochemistry and hemostasis studies
- Anemia, Protozoa**
Rickman WJ; Cox HW
1980 J Parasitol 66 (1) Feb 28-33 Wa
Trypanosoma brucei rhodesiense, rats, anemia, thrombocytopenia, and coagulopathy, association with antibodies against fibrinogen/fibrin-related products (anti-F), immunoconglutinin, soluble immune complexes (of anti-F and fibrinogen/fibrin-related products), and lytic complement consumption
- Anemia, Protozoa**
Roth EF jr
1981 Exper Parasitol 51 (1) Feb 116-123 Wa
Babesia microti, hamsters infected from human source, subacute hemolytic anemia, biochemistry and function of erythrocytes (oxygen affinity, organic phosphate content, reduced glutathione status)
- Anemia, Protozoa**
Rougemont A et al
1980 Human Hered 30 (4) 201-203 Wm
endemic malaria area, long-term studies of 98 unselected adults, haptoglobin level of blood increased after anti-malarial treatment, suggests that hypo- or anhaptoalbuminaemia in populations like this may have non-genetic basis: rural African community, Mali
- Anemia, Protozoa**
Schiliro G; et al
1980 Brit J Haematol 46 (2) Oct 207-210 Wa
kala-azar significantly increased fetal hemoglobin (HbF) levels in children with acute infections, after recovery these levels fall within normal limits thus suggesting that increased production of HbF is associated with accelerated erythropoiesis due to temporary marrow stress
- Anemia, Protozoa**
Schofield CJ
1981 Lancet London (8223) 1 June 13 1316 Wa
Trypanosoma cruzi, humans, anaemia associated with Chagas disease may be linked to triatomine vectors rather than resulting from parasitic infection
- Anemia, Protozoa**
Targett GA
1981 Developments Immunol 14 301-309 Wa
malaria infection, human, immunological and allergological aspects especially in relation to pathogenesis and pathology, review
- Anemia, Protozoa**
Thoongsuwan S; Cox HW
1981 J Parasitol 67 (4) Aug 481-486 Wa
Haemobartonella muris-like agent isolated and identified as occult companion agent in *Trypanosoma lewisi*-infected rats and implicated as cause of acute hemolytic anemia, splenomegaly with erythrophagocytosis, and proliferative glomerulonephritis in mature rats, disease was less severe in weanling rats, presence of cold-active hemagglutinin, immunoconglutinin, and antibody against fibrinogen products
- Anemia, Protozoa**
Timms P; Murphy GM
1980 Research Vet Sc 29 (3) Nov 367-369 Wa
Babesia bigemina-infected cattle, changes in erythrocytic Na⁺ and K⁺ levels result from anemia rather than simply presence of parasites
- Anemia, Protozoa**
Tosta CE; Hermans MAA
1981 Ann Trop Med and Parasitol 75 (3) June 363-365 Wa
Plasmodium berghei-infected rats, atypical reticulocytes as possible consequence of pitting function of spleen, may contribute to anemia
- Anemia, Protozoa**
Tosta CE; Wedderburn N
1980 Clin and Exper Immunol 42 (1) Oct 114-120 Wa
Plasmodium yoelii, immune phagocytosis of infected erythrocytes by macrophages and eosinophils, opsonizing antibodies alone in absence of macrophage activation cannot account for phagocytosis of non-parasitized erythrocytes which is probably involved in pathogenesis of malaria anemia
- Anemia, Protozoa**
Urquhart GM
1980 Tr Roy Soc Trop Med and Hyg 74 (6) 726-729 Wa
African trypanosomiasis in domestic animals, pathogenesis (anemia, tissue lesions, immunosuppression), immunology (prospects for vaccination, 'non-sterile immunity'), symposium presentation
- Anemia, Protozoa**
Valli VEO; Mills JN
1980 Tropenmed u Parasitol 31 (2) June 215-231 Wa
Trypanosoma congolense in neonatal and 6-month-old calves, quantitation of hematological changes (anemia, leukocytes, radioiron kinetics)

- Anemia, Protozoa
Whitelaw DD et al
1980 Infect and Immun 27 (3) Mar 707-713 Wa
Trypanosoma congolense in susceptible mouse strain vs. trypanotolerant mouse strain, host survival, parasitemia and anemia, erythrocyte survival, plasma and erythrocyte volumes, blood biochemistry, immunoglobulin levels, immunosuppression, infectivity neutralization tests on sera, results indicate ability of resistant mice to survive is dependent on humoral antibody
- Anemia, Protozoa
Woods RJ; Parbhoo SP
1981 Brit J Exper Path 62 (1) Feb 8-12 Wa
Haemobartonella muris, transplantation of isolated hepatocytes from infected Wistar rats into congenitally jaundiced Gunn rats resulted in haemolytic anaemia, removal of parasite by spleen from surface of infected red cells which then remain in the circulation
- Anemia, Trematoda
Caple IW et al
1978 J Wildlife Dis 14 (1) Jan 110-115 Wa
Fasciola jacksoni in Elephas maximus (bile ducts), severe submandibular and ventral abdominal oedema, anemia, haematologic values before and after nitroxylnil treatment, severe local reactions at injection site: Pahang, Central Malaysia
- Anemia, Trematoda
Ogunrinade AF; Anosa VO
1981 J Comp Path 91 (3) July 381-385 Wa
Fasciola gigantica-infected sheep, red blood cell survival and faecal clearance, implications for aetiology of anaemia
- Anemia, Trematoda
Ogunrinade AF; Bangboye EA
1980 Brit Vet J 136 (5) Sept-Oct 457-462 Wa
Fasciola hepatica, cattle, correlation of haematological findings with worm burdens, results indicate that degree of anaemia is related to intensity of infection: Nigeria
- Anemia, Trematoda
Omran SA et al
1978 J Egypt Med Ass 61 (11-12) 795-802 Wm
schistosomiasis patients with iron-deficiency anaemia and hypoproteinaemia, impairment of cell-mediated immune response when levels of haemoglobin fall to 10 g. or less
- Anemia, Trematoda
Robinson A; Lewert RM
1980 Am J Trop Med and Hyg 29 (6) Nov 1301-1306 Wa
Schistosoma japonicum, rabbits, production and nature of anemia
- Anemia, Trematoda
Saad AM et al
1980 Research Vet Sc 28 (1) Jan 105-111 Wa
Schistosoma bovis, zebu calves (exper.), development and clinical pathology of primary infections, relationship between clinico-pathological changes and the number and reproductive activities of the worms
- Anemia, Trematoda
Sykes AR; Coop RL; Rushton B
1980 Research Vet Sc 28 (1) Jan 63-70 Wa
Fasciola hepatica, sheep (exper.), chronic subclinical infection, effects on food intake, food utilisation and blood constituents
- Animal husbandry
Barger IA
1978 Epidemiol and Control Gastrointest Parasites Sheep Australia 53-63 Wa
nematodes, sheep, types of procedures used in grazing management and worm control, review: Australia
- Animal husbandry
Barger IA; Dash KM; Southcott WH
1978 Epidemiol and Control Gastrointest Parasites Sheep Australia 65-74 Wa
Fasciola hepatica, sheep, economic importance, occurrence, epidemiology, pathogenesis, control, review: Australia
- Animal husbandry
Boch J; Spiess A
1979 Berl u Munchen Tierarztl Wchnschr 92 (15) Aug 1 293-296 Wa
gastrointestinal nematodes, young cattle, chemoprophylaxis with citarin-L and change of pasture as preventive measures against clinical helminthiasis: Alpine pastures, South-west Bavaria
- Animal husbandry
Brunsdon RV
1980 Vet Parasitol 6 (1-3) Jan 185-215 Wa
gastro-intestinal nematodes of sheep and cattle, principles of control, extensive review
- Animal husbandry
de Chaneet GC; Dixon FF; Barker DJ
1981 Vet Parasitol 8 (2) May 143-148 Wa
Ostertagia, Cooperia, cattle, relative significance (in terms of larval availability during winter) of contamination of pasture with nematode eggs at different times during summer and autumn, implications of results for worm control programmes in a Mediterranean-type climatic environment: south-west Western Australia
- Animal husbandry
de Chaneet GC; Mitchell RK; Barker DJ
1981 Vet Parasitol 8 (2) May 149-163 Wa
gastrointestinal nematodes, strategic ant-helminthic treatment of young cattle during summer in a Mediterranean-type climatic environment, concluded that treatments may have been more effective had they been given during autumn: south-west Western Australia
- Animal husbandry
Ciordia H et al
1980 Am J Vet Research 41 (6) June 893-898 Wa
2 levels of nitrogen fertilization of fescue pastures compared, greater availability of forage responsible for lower level of parasitism in beef cattle
- Animal husbandry
Elder JK; et al
1980 Austral Vet J 56 (5) May 205-211 Wa
survey of tick and other parasite control 1977-78, cattle, managerial aspects: Queensland
- Animal husbandry
Elder JK; et al
1980 Austral Vet J 56 (5) May 219-223 Wa
cattle tick control, survey 1977-78, use of resistant cattle and pasture spelling: Queensland

Animal husbandry

Fox MF; Jacobs DE
1980 Vet Rec 107 (25-26) Dec 20-27 575-578 Wa
helminths, dairy cows in herds under different
feeding systems, daily intake of larvae esti-
mated by pasture larval counts, sources of
pasture contamination, faecal egg counts

Animal husbandry

Herd RP; Heider LE
1980 J Am Vet Med Ass 177 (1) July 1 51-54 Wa
internal parasites, control in dairy replace-
ment heifers by two treatments in the spring

Animal husbandry

Herd RP; Riedel RM; Heider LE
1980 J Am Vet Med Ass 176 (12) June 15 1370-
1372 Wa
identification of nematodes in dairy barns
refutes claims that adult dairy cattle in
confinement are continuously exposed to
trichostrongylids and that all cows should be
routinely treated

Animal husbandry

Kingsbury PA; Rowlands DT
1981 Vet Rec 109 (5) Aug 1 104 Wa
worm-free lambs dosed with levamisole hydro-
chloride and set to graze on worm-infested
paddocks showed presence of trichostrongyle
eggs in faeces; those dosed with oxfendazole
passed no worm eggs for up to 24 hours after
dosing, results indicate persistence of an-
thelmintic activity of oxfendazole and con-
venience to farmers at time of pasture rota-
tion

Animal husbandry

Kutzer E; Vasicek L
1980 Wien Tierarztl Monatschr 67 (2) Feb 41-46
Wa
Eimeria spp., broiler and laying chickens main-
tained on ground or in battery cages, grades of
intensity of infection during rearing and lay-
ing periods (1976-1978), review of various
anticoccidials: Österreich

Animal husbandry

Mackay RR
1980 Vet Parasitol 7 (4) Dec 319-331 Wa
effect of strategic anthelmintic treatment on
breeding performance of hill ewes: Scotland

Animal husbandry

Morley FHW; Donald AD
1980 Vet Parasitol 6 (1-3) Jan 105-134 Wa
gastro-intestinal helminthoses of grazing rumi-
nants, relationships between farm management
and systems of helminth control (systems of
grazing management and systems of treatment
with anthelmintics), extensive review

Animal husbandry

Nagle EJ et al
1980 Vet Parasitol 7 (2) Sept 143-152 Wa
Ostertagia ostertagi, cattle, effect of anthel-
mintic treatment on animal performance in sys-
tem of beef production designed to make maximum
use of grass and grass products (Leader/Follow-
er grazing programme): University College Dub-
lin

Animal husbandry

Sasaki Y et al
1980 Nippon Zyuuisi-Kai Zasshi (J Japan Vet Med
Ass) 33 (10) Oct 481-484 Wa
toxoplasmosis, outbreak in swine raised in barn
which had been previously disinfected against
Toxoplasma oocysts, results indicate oocysts
remained in barn for long time and abundant hot
water is effective form of disinfection

Animal husbandry

Schantz PM; Andersen FL
1980 Great Basin Nat 40 (3) Sept 30 216-220 Wa
Echinococcus granulosus, survey of dog owners
to determine knowledge of hydatid disease and
identification of basic sheep management prac-
tices to improve control program: Sanpete
County, Utah

Animal husbandry

Yazwinski TA; Bess C III
1980 Vet Med and Small Animal Clin 75 (2) Feb
310 312 314 Wa
nematodes, sheep, EPG (eggs per gram of feces)
levels before and during treatment with ox-
fendazole on 3 farms using different manage-
ment and grazing methods: Arkansas

Anomalies, Host

Singh P; Chugh TD; Garg P
1980 Indian Pediat 17 (4) Apr 350-353 Wm
Toxoplasma gondii, children with congenital
anomalies, possible etiologic factor: India

Anomalies, Parasite

Amin OM
1981 Tr Am Micr Soc 100 (1) Jan 42-51 Wa
Myzobdella lugubris, reproductive abnormalities
in number of testes

Anomalies, Parasite

Amin OM; Redlin MJ
1980 System Parasitol 2 (1) Dec 9-20 Wa
Echinorhynchus salmonis in *Coregonus hoyi* and
Osmerus mordax, worm sex and age and the host
species (salmonid host vs. non-salmonid host)
affected worm growth and morphological varia-
bility, anomalies; extreme variability in ce-
ment gland pattern and the implications for
using this diagnostic character on the generic
level

Anomalies, Parasite

Dias LCS; Ribeiro OB
1980 Tr Roy Soc Trop Med and Hyg 74 (6) 826 Wa
Schistosoma mansoni, eggs with 2 miracidia
found in faeces of patient from Brazil

Anomalies, Parasite

Homsher PJ; Yunker CE
1981 J Med Entom 18 (1) Feb 20 89-91 Wa
Dermacentor andersoni from laboratory-reared
colony, bilateral gynandromorphism, morphologic
and cytogenetic analysis, dimorphism is result
of unequal distribution of sex-linked chromo-
somes

Anomalies, Parasite

Joseph SA
1975 Cheiron 4 (2) Oct 137-139 Wa
Ctenocephalides felis felis, 1 specimen con-
sidered to be anomalous in shape of frons

Anomalies, Parasite

Mackiewicz JS; Blair D
1980 Proc Helminth Soc Washington 47 (2) July
168-178 Issued Aug 25 Wa
Caryoaustralus sprenti sp. n., anomalies include one individual with only three testes

Anomalies, Parasite

Rechav Y
1977 J Med Entom 14 (3) Nov 30 304 Wa
Amblyomma hebraeum, gynandromorphism, in specimen collected from a cow, scanning electron microscopy: near East London, South Africa

Anomalies, Parasite

Schwan TG; Dobkin DS
1981 Proc Entom Soc Wash 83 (1) Jan 93-98 Wa
Therassis fotus from Peromyscus maniculatus, teratogenic defects of mesothorax and middle legs: Colorado

Anomalies, Parasite

Smyth JD
1979 Ang Parasitol 20 (3) Sept 137-147 Wa
Echinococcus granulosus, E. multilocularis, in vitro culture of strobilar stages, appearance of extra scolex in some developing E. multilocularis strobila after prolonged culture

Anomalies, Parasite

Uznanski RL; Nickol BB
1980 J Parasitol 66 (3) June 506-512 Wa
Leptorhynchoides thecatus in Hyalella azteca, sequential ranking system for developmental stages which recognizes 22 stages; redescription of certain aspects of development; description of developmental anomalies thought to be induced by high temperatures

Antigenic variation See Immunity, Antigenic variation

Antigens See Immunity, Antigens

Appendicitis See Appendix

Appendix

Bosetti F; Lampertico P; Perrone E
1980 Pathologica (1020) 72 July-Aug 467-478 Wm
Enterobius vermicularis, histological examination of tissue from 6760 appendectomies showed Enterobius as the only parasite identified (with exception of 1 case with Taenia saginata)

Appendix

Danilewicz M et al
1978 Wiadom Lekar 31 (1) Jan 1 15-17 Wm
Enterobius vermicularis, humans, appendix, clinical aspects

Appendix

Iabuki K; Montenegro MR
1979 Rev Inst Med Trop S. Paulo 21 (1) Jan-Feb 33-36 Wm
Angiostrongylus costaricensis, man, case report, cause of acute appendicitis: Brazil

Appendix

Kaushik SP; Bhagwat AG
1981 Trop and Geogr Med 33 (3) Sept 291-293 Wa
Entamoeba histolytica, man, case report, cutaneous infection following appendectomy: India

Appendix

Noodleman JS
1981 Arch Path and Lab Med 105 (3) Mar 148-149 Wa
Strongyloides stercoralis, man, case report, causative agent of eosinophilic appendicitis

Appendix

Palmieri JR et al
1981 Am J Trop Med and Hyg 30 (1 pt 1) Jan 92-95 Wa
Schistosoma japonicum-like, man (eggs in appendix), case report, 2nd autochthonous case in Indonesia

Appendix

Wojcik K et al
1980 Wiadom Lekar 33 (7) Apr 1 523-525 Wm
oxyuriasis of intestinal tract in patients with appendicitis, clinical aspects, diagnostic findings

Aquaculture

Bermudez D
1980 J Fish Dis 3 (4) July 355-357 Wa
Ichthyophthirius multifiliis, control of fish diseases in warm water aquaculture operations using povisan and parasan: Venezuela

Aquaculture

Bylund G; Sumari O
1981 J Fish Dis 4 (3) May 259-264 Wa
Diplostomum spathaceum in Salmo gairdneri, laboratory tests with droncit

Aquaculture

Copland JW
1981 J Fish Dis 4 (3) May 231-242 Wa
Myxidium giardi, prevalence in wild and cultured Anguilla anguilla, description and distribution of trophozoites, first description of coelozoic trophozoite, apparent (host) age related pattern in organ location of histozoic trophozoite: England

Aquaculture

Huff JA; Burns CD
1981 Aquaculture 22 (1-2) Jan 181-184 Wa
Cryptocaryon irritans in Lutjanus campechanus (mucus), control trials using hypersaline dips both with and without additions of quinine hydrochloride and chloroquine, and minimal handling: fish culture, St. Petersburg, Florida

Aquaculture

Kirmse P
1980 J Fish Dis 3 (2) Mar 101-114 Wa
Haemogregarina sachai in Scopthalmus maximus under aquaculture conditions, pathogenicity, pathology, transmission experiments between fish were unsuccessful: farms at Hunterston, Scotland

Aquaculture

Maillard C; Lambert A; Raibaut A
1980 Compt Rend Acad Sc Paris 290 s D Sc Nat (7) Feb 18 535-538 Wa
Acanthostomum imbutiforme metacercariae as cause of mass mortality of Sparus aurata in marine fish farm, symptomatology, epidemiology: south of France

- Aquaculture**
 Modin JC
 1981 J Fish Dis 4 (3) May 203-211 Wa
 Microsporidium rhabdophilia n. sp. from rodlet cells of salmonid fishes: California fish hatcheries
- Aquaculture**
 Smith CE; Insllee T
 1980 J Fish Dis 3 (3) May 257-260 Wa
 Henneguya sp., interlamellar infestation in Ictalurus punctatus in epizootic proportions, severe Chilodonella sp. infestation may have been stimulus for extensive hyperplasia of gill epithelium and consequent infestation by Henneguya: Tishomingo National Fish Hatchery, Oklahoma
- Aquaculture**
 Thune RL; Rogers WA
 1981 J Fish Dis 4 (3) May 277-280 Wa
 Cleidodiscus robustus, pathology of gill lesions in Lepomis macrochirus: Beechwood Fish Hatchery, LeCompte, Louisiana
- Aral Sea** See Seas, Aral Sea
- Archeology** See Parasitology, History
- Armies, Parasites** See Medicine, Military
- Arrested development** See Development
- Arthritis**
 Bocanegra TS et al
 1981 Ann Int Med 94 (2) Feb 207-209 Wa
 Strongyloides stercoralis, Taenia saginata, patients with arthritis, evidence of abnormal humoral immunity to parasites, immune complex in serum and synovial fluid, and immunoglobulin deposits in synovia, anti-inflammatory agents were ineffective but specific antiparasitic treatment resulted in resolution of symptoms and immunologic abnormalities, findings suggest that arthritis induced by parasitic infestation may be mediated by immune complex formation in susceptible hosts
- Arthritis**
 Cossermelli W et al
 1978 Ann Rheumatic Dis 37 (3) June 277-280 Wm
 Trypanosoma cruzi, polymyositis marked clinical onset of Chagas disease in woman with rheumatoid arthritis, humoral immune system may play role in this pathogenesis
- Arthritis**
 El-Sewefy AZ; Wahab MA
 1976 Ain Shams Med J 27 (2) Mar 219-220 Wm
 Dracunculus medinensis, male immigrants from Yemen, calcified worms discovered in various body areas during radiologic studies, calcifications symptomless except for possible association with arthritis: Mecca
- Arthritis**
 Gerster JC et al
 1981 Brit Med J (6297) 283 Oct 10 951-952 Wa
 Ixodes ricinus, possible cause of erythema chronicum migrans and associated Lyme arthritis, woman, case report: Switzerland
- Arthritis**
 Kuberski TT
 1981 J Clin Microbiol 13 (5) May 880-881 Wa
 Trichomonas vaginalis, 35-year-old man, prostatitis, ankylosing spondylitis, case report, possibility that T. vaginalis might play role in prostatitis and pathogenesis of ankylosing spondylitis in some patients
- Arthritis**
 Paget S
 1981 Hosp Pract 16 (4) Apr 101-105 Wm
 Chronic arthritis preceded by skin rash, diagnosed as Lyme arthritis carried by tick vector Ixodes dammini, man, case report: New York City
- Arthritis**
 Robineau M; Sereni D
 1978 Bull Soc Path Exot 71 (1) Jan-Feb 85-89 Wa
 Dracunculus medinensis, 42-year-old man, case report, acute arthritis of knee with intra-articular presence of microfilariae, immunology: France (native of Africa)
- Arthritis**
 Thurlby WR
 1981 J Arkansas Med Soc 78 (4) Sept 152-154 Wm
 Lyme arthritis, 16-year-old boy with history of multiple tick bites, case review, first report from Arkansas
- Arthritis**
 Williams D; Roy S
 1981 Brit Med J (6285) 283 July 18 192 Wa
 toxocarasis, 18-year-old girl with positive toxocaral fluorescent antibody test, associated arthritis, choroiditis, and arthralgia which responded to diethylcarbamazine therapy
- Arthus' phenomenon** See Immunity, Skin tests
- Asthma**
 Aderele WI; Oduwole O
 1981 Tr Roy Soc Trop Med and Hyg 75 (5) 675-679 Wa
 skin sensitivity reactions in Nigerian children with bronchial asthma, including relatively high sensitivity to Ascaris antigen
- Asthma**
 Desowitz RS; Rudoy R; Barnwell JW
 1981 Internat Arch Allergy and Applied Immunol 65 (4) 361-366 Wa
 asthmatic and nonasthmatic children, prevalence of IgE and IgG antibodies to Toxocara canis and Dirofilaria immitis: Oahu, Hawaii
- Asthma**
 Gill GV
 1980 Tr Roy Soc Trop Med and Hyg 74 (3) 426 Wa
 Strongyloides stercoralis infections in patients who also had asthma, prevalence data do not support protective effect of helminth infections on development of asthma, spirometry before and after eradication course of thiabendazole, results suggestive of improved lung function after worm removal
- Asthma**
 Hirshman CA; Downes H
 1981 J Applied Physiol Respiratory Environmental and Exercise Physiol 50 (4) Apr 761-765 Wm
 Basenji-Greyhound dog model of asthma, influence of atropine on Ascaris antigen-induced bronchoconstriction

- Asthma**
 Hirshman CA; Malley A; Downes H
 1980 J Applied Physiol Respiratory, Environmental and Exercise Physiol 49 (6) Dec 953-957 Wm
 Basenji-Greyhound dog model of asthma, reactivity to *Ascaris suum*, citric acid, and methacholine
- Asthma**
 Kayhan B; Telatar H; Karacadag S
 1978 Am J Gastroenterol 69 (5) May 605-606 Wm
 intestinal parasites, especially *Ascaris lumbricoides*, increased incidence in persons with bronchial asthma, survey at Hacettepe University Medical Center, Turkey
- Asthma**
 Knight R; Merrett TG
 1981 Ann Trop Med and Parasitol 75 (3) June 299-314 Wa
Necator americanus, human, prevalence and intensity by age and sex, seasonal changes, morbidity (asthma, growth parameters, haemoglobin), total IgE levels, other parasites: The Gambia
- Asthma**
 Patterson R; Harris KE
 1981 J Allergy and Clin Immunol 67 (2) Feb 146-152 Wm
 inhibition of IgE-mediated *Ascaris* antigen-induced monkey asthma and skin reactions by 5,8,11,14-eicosatetraenoic acid
- Asthma**
 Patterson R; Harris K
 1981 Internat Arch Allergy and Applied Immunol 64 (3) 332-337 Wm
 asthmatic *Macaca mulatta* with airway and cutaneous reactivity to *Ascaris* antigen, chronic pruritic dermatitis which appears to be analogue of human atopic dermatitis
- Asthma**
 Weissberger D et al
 1981 J Allergy and Clin Immunol 67 (5) May 357-362 Wm
 sheep with *Ascaris suum* sensitivity, impaired tracheal mucus transport in allergic bronchoconstriction after *A. suum* challenge, effect of terbutaline pretreatment
- Attachment**
 Aikawa M
 1980 Ohio State Univ Biosc Colloq (5) 31-46 Wm; Wa
Plasmodium, host cell invasion, review: recognition and initial attachment, invagination of host plasmalemma, sealing of host cell membrane, alteration of host cell membrane
- Attachment**
 Banks KL
 1980 J Parasitol 66 (1) Feb 34-37 Wa
Trypanosoma congolense adhesion to host red blood cells followed by immune response to parasite may damage infected host by 'innocent bystander' mechanisms
- Attachment**
 Beck JT
 1980 Am Midland Naturalist 104 (1) July 135-154 Wa
Probopyrus pandalicola on *Palaemonetes paludosus*, breeding season, brood size (annual and seasonal variation, relationship to host length, independent of host sex), attachment and size development of male and female parasites, host and parasite population structure and longevity: Wakulla Co., Florida
- Attachment**
 Binnington KC; Kemp DH
 1980 Advances Parasitol 18 315-339 Wa
 ticks, role of salivary glands in feeding and disease transmission, review: salivary gland functions during attachment and feeding (secretion of attachment cement; salivary secretions and tick feeding; passage of material through salivary glands during feeding); toxicosis (host paralysis); disease transmission (*Theileria*; *Babesia*)
- Attachment**
 Bykhovskii BE; Nagibina LF
 1975 Parazitologiya Leningrad 9 (3) May-June 209-219 Wa
Monogonoidea spp., post-embryonic development with particular reference to attachment armature
- Attachment**
 Catalini N et al
 1978 Parassitologia 20 (1-3) Dec 169-173 Wa
 helminths, *Salmo trutta* (intestine), histological changes, attachment of *Cyathocephalus truncatus*: River Tirino (L'Aquila, Italy)
- Attachment**
 Cogley TP; Anderson JR; Weintraub J
 1981 Internat J Insect Morphol and Embryol 10 (1) 7-18 Wa
 warble fly eggs, ultrastructure and function of attachment organ
- Attachment**
 Coil WH
 1981 Ztschr Parasitenk 65 (3) 299-307 Wa
Fascioloides magna, miracidia, mechanisms of attachment and penetration, *Fossaria bulimoides*, transmission and scanning electron microscopy
- Attachment**
 Colli W; Andrews NW; Zingales B
 1981 2 Internat Cong Cell Biol (Berlin (West) Aug 31-Sept 5 1980) 401-410 Wm; Wa
Trypanosoma cruzi, overall chemical composition of epimastigote plasma membrane, surface glycoproteins, binding of host proteins to surface, attempts to discriminate between adhesion and penetration to in vitro cultured mammalian cells, review
- Attachment**
 Crites JL; Jilek R
 1981 Ohio J Sc 81 (3) May 120-124 Wa
Haastilesia tricolor, surface topography, tegumentary spination, spines aid in holding the trematode in its tissue site, scanning electron microscopy

Attachment

Current WL

1980 J Protozool 27 (3) Aug 278-287 Issued Oct 9 Wa

Cryptobia sp., 2 populations (attached and free swimming) within spermatheca of *Triadopsis multilineata*, fine structure of attached flagellates and their mode of attachment to spermatheca, venereal mode of transmission suggested: Platte River near Louisville, Sarpy Co., Nebraska

Attachment

Dvorak JA; Crane MSJ

1981 Science (4524) 214 Nov 27 1034-1036 Wa
Trypanosoma cruzi, *Toxoplasma gondii*, attachment and subsequent entry phase are dependent on position of vertebrate host cell in its growth cycle, cell surface components acting as receptors are probably responsible for this phenomenon

Attachment

El-Naggar MM; Kearns GC

1980 Ztschr Parasitenk 61 (3) 223-241 Wa
Dactylogyrus amphibothrium, D. hemiamphibothrium, anterior adhesive apparatus, ultrastructure, part played by glandular secretions in attachment and detachment of head region

Attachment

Fried B; Holmes ML

1979 Proc Helminth Soc Washington 46 (1) Jan 70-73 Issued Mar 14 Wa
Leucochloridiomorpha constantiae metacercariae, development on chick chorioallantoic membranes (CAM) and in chick embryos, worms grown singly were capable of self-fertilization, acetabular attachment to CAM is similar to attachment seen in chick bursa of Fabricius

Attachment

Gillin FD; Diamond LS

1980 J Protozool 27 (2) May 220-225 Issued July 17 Wa

Entamoeba histolytica, attachment and short-term maintenance of motility and viability of trophozoites in defined non-growth medium

Attachment

Gillin FD; Diamond LS

1981 Exper Parasitol 52 (1) Aug 9-17 Wa
Entamoeba histolytica and *Giardia lamblia* in culture media, attachment of trophozoites to glass as function of phase of growth, effects of cysteine and ascorbic acid on kinetics of attachment, effects of cysteine, cystine, and ascorbic acid on trophozoite survival at different oxygen tensions

Attachment

Gillin FD; Diamond LS

[1981] J Protozool 27 (4) Nov 1980 474-478 Issued Mar 11 Wa

Entamoeba histolytica in defined maintenance medium, attachment to glass, motility, and survival, specific requirement for cysteine and ascorbic acid

Attachment

Gusev AV

1976 Indian J Helminth 25-26 1973-1974 241 pp Issued Apr 7 Wa

Monogenoidea of freshwater fish, systematics, morphology, evolution, host age and size factors, attachment to host, zoogeographic analysis of Indian and other faunas

Attachment

Harry OG

1980 J Invert Path 36 (3) Nov 283-291 Wa
Licnophora auerbachii on *Chlamys opercularis* (eyes), pathology, attachment and locomotory activities of basal disc, scanning electron microscopy, phase contrast microscopy

Attachment

Hausmann K; Hausmann E

1981 J Ultrastructure Research 74 (2) Feb 144-155 Wa

Trichodina pediculus, adhesive disc, fine structure with particular reference to mode of function

Attachment

Hayunga EG

1979 Proc Helminth Soc Washington 46 (2) July 171-179 Issued Aug 14 Wa

Glaridacris catostomi, *G. laruei*, and *Hunterella nodulosa* from *Catostomus commersoni* (intestine), histology, histochemistry, and fine structure of scolex glands, electron microscopy, role in attachment to host and in causing intestinal pathology: vicinity of Albany, New York

Attachment

Hoffman DL

1979 Veliger 22 (1) July 1 75-77 Wm

Odostomia columbiana, attachment structure, description: East Sound, off Orcas Island, Washington

Attachment

Holberton DV

1981 J Cell Sc 47 Feb 167-185 Wa

Giardia spp., ventral sucking disk cytoskeleton, arrangement of subunits in isolated microribbons

Attachment

Holberton DV; Ward AP

1981 J Cell Sc 47 Feb 139-166 Wa

Giardia spp., isolation and structure of ventral sucking disk cytoskeleton, tubulin and low-molecular-weight protein associated with microribbon structures

Attachment

Howard RJ; Miller LH

1981 Ciba Found Symp (80) 202-219 Wm

invasion of erythrocytes by malaria merozoites, evidence for specific receptors involved in attachment and entry, review

Attachment

Johnson JG et al

1980 Parasitology 80 (3) June 539-550 Wa

Plasmodium knowlesi, factors affecting ability of isolated merozoites to attach to and invade erythrocytes

Attachment

Johnson JG et al

1981 J Protozool 28 (2) May 160-164 Wa

Plasmodium knowlesi, identification and characterization of surface proteins on viable merozoites, trypsin treatment removed receptor(s) for merozoite attachment to erythrocytes

Attachment

Kemp DH; Bourne A

1980 Parasitology 80 (3) June 487-496 Wa

Boophilus microplus, effect of histamine and other pharmacologically active chemicals on attachment and growth of larvae

Attachment

Kobiler D; Mirelman D
1981 J Infect Dis 144 (6) Dec 539-546 Wa
Entamoeba histolytica trophozoites, adhesion to monolayers of host cells is dependent on time, temperature, pH, and concentration and is mediated by carbohydrate binding protein (lectin) in the parasite membrane, adhesion is inhibited by such mechanisms as glucosamine-containing glycoconjugates, IgA, sera from patients with amoebiasis and IgG fraction from these sera

Attachment

Lambert A
1980 Ann Parasitol 55 (2) Mar-Apr 165-198 Wa
oncomiracidia and phylogenesis of Monogenea, review and synthesis of published work: experimental techniques; Dactylogyridea, method of infestation of host-fish by oncomiracidia, post-larval morphogenesis of haptor

Attachment

Luetzen J; Nielsen K
1975 Vidensk Medd Dansk Naturh Forening 138 Dec 171-199 Wa
Echineulima spp., sea urchins, mode of attachment, structure of alimentary tract, proboscideal movements and feeding, reproductive organs, oviposition, possible hermaphroditism, sporozoans found in E. mittrei (mantle and digestive glands)

Attachment

Mehta S; Gupta AN; Simlot MM
1980 Indian J Exper Biol 18 (12) Dec 1534 Wa
Paramphistomum cervi, muscle protein and acetylcholinesterase isoenzyme patterns in oral and posterior suckers

Attachment

Mills JN et al
1980 Tropenmed u Parasitol 31 (3) Sept 299-312 Wa
Trypanosoma congolense in neonatal and 6-month-old calves, hemocytometer vs. cytofluorograf counts of trypanosomes in jugular blood, localization and quantitation of trypanosome in microvasculature, tests of dispersing agents (including macromolecular blood volume expanders, immunosuppressive agents, and berenil) to determine their efficacy in dislodging organisms from capillary walls

Attachment

Mirelman D et al
1981 Biochem Parasites (Slutzky) 103-116 Wa
adherence of pathogenic microorganisms to intestinal tract, includes section on adhesive properties of Entamoeba histolytica (lectin found in cell membrane)

Attachment

Mirelman D; Kobiler D
1981 Ciba Found Symp (80) 17-35 Wm
Entamoeba histolytica, presence of lectin which apparently plays role in adhesion of trophozoites to host cells, similarities and differences between lectin and toxin-like activities of E. histolytica, review

Attachment

Mitchell JB; Mason AR
1980 Internat J Parasitol 10 (1) Feb 75-80 Wa
Gorgoderina vitelliloba, method of attachment of daughter sporocysts to gills of molluscan host, emergence of cercariae from daughter sporocysts

Attachment

Molyneux DH; Selkirk M; Lavin D
1978 Acta Trop 35 (4) Dec 319-328 Wa
Trypanosoma melophagium in Melophagus ovinus, scanning electron microscopy of parasites and of insect gut wall surfaces, method of attachment and relationship of parasites to host surfaces

Attachment

Owen RL
1980 Tr Roy Soc Trop Med and Hyg 74 (4) 429-433 Wa
Giardia lamblia, G. muris, ultrastructural basis of function

Attachment

Perkins M
1981 J Cell Biol 90 (3) Sept 563-567 Wa
Plasmodium falciparum, inhibitory effects of erythrocyte membrane proteins on in vitro invasion of merozoites into host cell, observations imply role for glycophorin A in attachment of malarial parasite to erythrocyte surface

Attachment

Purnomo; Carney WP; Stafford EE
1978 Proc Helminth Soc Washington 45 (2) July 171-174 Issued Aug 30 Wa
Euclinostomum multicaecum adults from Ardea purpurea (esophagus), description, attachment by means of acetabulum and oral field, comparison with E. heterostomum: near Paku and Muara, Lindu Valley of Central Sulawesi, Indonesia

Attachment

Radlett AJ
1980 Parasitology 80 (2) Apr 241-246 Wa
Notocotylus attenuatus, ventral papillae, structure, possible function as holdfast organs, damage inflicted to host caecum, scanning and transmission electron microscopy

Attachment

Richards KS; Arme C
1981 Parasitology 83 (3) Dec 477-487 Wa
Caryophyllaeus laticeps, scolex-neck syncytium, neck cells, frontal gland cells, ultrastructure, inter-relationships of gland distribution, scolex morphology, and host pathology

Attachment

Rowton ED; Lushbaugh WB; McGhee RB
1981 J Protozool 28 (3) Aug 297-301 Wa
Herpetomonas ampelophilae, ultrastructure of flagellar apparatus and attachment in gut and malpighian tubules of Drosophila melanogaster

Attachment

Shaw MK
1981 Parasitology 82 (2) Apr 231-240 Wa
Diplectanum aequans, pseudohaptorical squamodiscs, ultrastructure, arrangement of musculature of spines, presence of nerves some of which are assumed to be mechano-receptors

Attachment

Tetley L; Vickerman K; Moloo SK
1981 Tr Roy Soc Trop Med and Hyg 75 (3) 409-414 Wa
Trypanosoma vivax, trypomastigote metacyclic stage, attachment to wall of hypopharynx in Glossina m. morsitans, absence of surface coat, implications for mechanism of antigenic variation in this species and vaccination of cattle against it

Attachment

Thevenaz P; Hecker H
1980 Acta Trop 37 (2) June 163-175 Wa
Trypanosoma congolense, distribution and attachment in proximal part of proboscis of Glossina m. morsitans

Attachment

Udeinya IJ et al
1981 Science (4507) 213 July 31 555-557 Wa
Plasmodium falciparum-infected erythrocytes specifically bind to cultured human endothelial cells, results suggest specific receptor-ligand interaction between endothelial cells and component(s) in knobs of infected erythrocytes

Attachment

Whittaker FH; Carvajal G. J
1980 Proc Helminth Soc Washington 47 (2) July 256-259 Issued Aug 25 Wa
Orygmatobothrium musteli and Rhinebothrium distesticulum, scanning electron microscopy of scolices, description of adherent surfaces of O. musteli

Attachment

Yoneda K; Walzer PD
1981 Brit J Exper Path 62 (4) Aug 339-346 Wa
Pneumocystis carinii pneumonia, exper. infection in rats, pathogenesis of increased permeability of the alveolar-capillary membrane is discussed in relation to the parasite's attachment to the alveolar epithelium (results in subsequent degeneration of Type I pneumocytes)

Attachment

Zenian A
1981 Exper Parasitol 51 (2) Apr 175-187 Wa
Leishmania tropica, biochemical aspects of promastigotes' attachment to macrophages in vitro

Attractants [See also Host perception by parasites; Pheromones; Taxis]

Attractants

Adams TS; Holt GG; Sundet WD
1979 J Med Entom 15 (2) Feb 8 124-131 Wa
Cochliomyia hominivorax females, olfactometer bioassay for study of screwworm attractants, physical and physiological conditions that influence attraction, effect of diet on attractancy

Attractants

Belosevic M; Dick TA
1980 J Parasitol 66 (1) Feb 88-93 Wa
Trichinella spp., cross-specificity of chemical attraction as possible means of distinguishing between species, strains, and isolates

Attractants

Belosevic M; Dick TA; Chadee K
1981 J Parasitol 67 (5) Oct 692-696 Wa
Trichinella spiralis, chemical attraction in absence of worm-mediated tactile behavior, postulate that onset of pheromone production is during 4th developmental stage

Attractants

Bone LW et al
1980 J Chem Ecol 6 (2) Mar 297-308 Wa
Nippostrongylus brasiliensis females, aggregation pheromone nippolure partially purified, male response

Attractants

Broce AB
1980 Ann Entom Soc Am 73 (4) July 15 386-389 Wa
Cochliomyia hominivorax, effect of swormlure-2 and its individual chemical components on sexual behavior of males vs. females 0 to 7 days old, laboratory studies

Attractants

Emmens RL
1981 J Chem Ecol 7 (3) May 529-541 Wa
Lucilia cuprina, evidence for attractant in cuticular lipids of female flies, may play role in group oviposition behavior exhibited by this species

Attractants

Fried B; Imperia PS; Eveland LK
1981 Comp Biochem and Physiol 68B (1) 111-112 Wa
Schistosoma mansoni, neutral lipid fractions in whole body extracts of adult male and female worms, release of neutral lipids by adult worms maintained in vitro, lipophilic substances released from males may influence development and chemoattraction of females

Attractants

Fried B; Robinson GA
1981 Parasitology 82 (2) Apr 225-229 Wa
Amblosooma suwaense, pairing and aggregation of metacercariae in vitro, partial characterization of lipids involved in chemo-attraction

Attractants

Fried B; Tancer RB; Fleming SJ
1980 J Parasitol 66 (6) Dec 1014-1018 Issued May 6 1981 Wa
Echinostoma revolutum, in vitro pairing of immature and mature adults, characterization of worm products involved in chemoattraction as lipids

Attractants

Gaugler R et al
1980 Environment Entom 9 (5) Oct 649-652 Wa
Neoplectana carpocapsae, orientation behavior of infective stage juveniles in response to CO₂, results suggest this compound aids host finding

Attractants

Imperia PS; Fried B; Eveland LK
1980 J Parasitol 66 (4) Aug 682-684 Wa
Schistosoma mansoni, pheromonal attraction of females toward males in absence of worm-tactile behavior

Attractants

Koch HG; McNew RW
1981 Ann Entom Soc Am 74 (5) Sept 498-500 Wa
Amblyomma americanum, comparative catches of nymphs and male and female adult ticks by CO₂-emitting dry-ice, dry-chemical, and animal-baited devices

Attractants

Mackley JW; Carlson DA; Butler JF
1981 J Chem Ecol 7 (4) July 669-683 Wa
Haematobia irritans, identification of cuticular hydrocarbons, assays for biological activity as attractants

Attractants

Norval RAI et al
1980 Vet Parasitol 7 (3) Nov 255-263 Wa
Amblyomma tholloni, life cycle under laboratory conditions, durations of developmental periods, egg productivity, attachment and feeding on hosts, attraction of males to partially fed females and sex pheromone 2,6-dichlorophenol, presence of 2,6-dichlorophenol in partially fed females

Attractants

Peterson RD II et al
1981 Environment Entom 10 (4) Aug 511-516 Wa
attraction of non-target organisms to SWASS (bait toxicant system for Cochliomyia hominivorax)

Attractants

Pye AE; Burman M
1981 Exper Parasitol 51 (1) Feb 13-20 Wa
Neoplectana carpocapsae, nematode accumulations on chemical and bacterial gradients, results may help understand infection processes and provide tools for enhancing spread of nematode to targeted pest insects

Attractants

Spencer JP et al
1980 Southwest Entom 5 (3) Sept 175-178 Wa
Cochliomyia hominivorax, C. macellaria, comparison of captures in liver- and swormlure-baited traps: southern Mexico

Attractants

Thomas JD et al
1980 Comp Biochem and Physiol 66C (1) 17-27 Wa
Biomphalaria glabrata adults, behavioral responses to amino acids and related compounds (including propionic acid), postulated structure-activity relationship for compounds effective as attractants, arrestants, or repellents and their chemoreceptors

Attractants

Uspenskii IV; Emel'ianova OIu
1980 Zool Zhurnal 59 (5) May 699-704 Wa
Ixodes ricinus, I. persulcatus, both sexes attracted to aggregation pheromone from virgin adults, attraction more distinct in older ticks than in younger ones

Attractants

Zietse MA; Klaver-Wesseling JCM; Vetter CM
1981 J Helminth 55 (3) Sept 203-207 Wa
Ancylostoma caninum, dog serum contains factor that chemotactically attracts infective larvae, sera of other animal species also possess factor but to much lesser extent

Australia, Queensland

McKenzie RA et al
1979 Austral Vet J 55 (9) Sept 441-442 Wa
infectious diseases of feral goats, abattoir survey: Queensland, Australia

Australia, Tasmania

Goldsmid JM
1981 Tr Roy Soc Trop Med and Hyg 75 (1) 110-111 Wa
intestinal parasitic infections of man in Tasmania

Australia, Western Australia

Jones HI
1980 Med J Australia 2 (7) Oct 4 375-380 Wm
intestinal parasite infections, survey, Western Australian Aborigines

Austria

Picher O; Aspoeck H
1980 Wien Med Wchnschr 130 (5) Mar 15 190-193 Wm
parasitic infections, frequency and significance in Vietnamese refugees living in Austria

Autoimmunity See Immunity, Autoimmunity

Autoinfection See Disease transmission, Autoinfection

Axenic culture See Culture

B cells See Lymphocytes

Bacteria

Aitken MM et al
 Col Research Vet Sc 31 (1) July 120-126 Wa
 Fasciola hepatica-infected vs. non-infected
 cattle (exper.), resistance to reinfection with
 potentially lethal dose of Salmonella dublin,
 results indicate that Fasciola infection did
 not alter resistance but that bacteria per-
 sisted in tissues and were excreted in faeces
 of fluke-infected animals for longer than
 fluke-free animals

Bacteria

Aitken MM; Hughes DL; Jones PW
 1980 Research Vet Sc 28 (2) Mar 250-253 Wa
 Fasciola hepatica-infected rats, response to
 reinfection with Salmonella dublin

Bacteria

Al-Sheikhly F; Al-Saieg A
 1980 Avian Dis 24 (2) Apr-June 324-333 Wa
 Eimeria acervulina, E. necatrix, broiler chicks
 (exper.), role in production of necrotic en-
 teritis when administered before infection
 with Clostridium perfringens type A, clinical
 signs, gross and histopathology

Bacteria

Anderson WR
 1978 Proc Helminth Soc Washington 45 (2) July
 226-230 Issued Aug 30 Wa
 Stephanurus dentatus, swine (exper.),
 microbial flora associated with migrating
 larvae and with parasitized vs. helminth-free
 swine tissues

Bacteria

Anderson WR; Madden PA; Colglazier ML
 1978 Proc Helminth Soc Washington 45 (2) July
 219-225 Issued Aug 30 Wa
 Strongylus edentatus from horses, 4 types of
 cuticular lesions (filamentous, flat,
 cratered, proliferate), associated microbial
 flora, electron microscopy

Bacteria

Bundy DAP
 1981 Internat J Parasitol 11 (1) Feb 19-22 Wa
 Transversotrema patialense, egg capsule,
 scanning and transmission electron microscopy,
 thread-like extensions trap bacteria and
 detritus against egg capsule surface

Bacteria

Cunningham DS; Hazen TC; Kuhn RE
 1981 J Parasitol 67 (4) Aug 468-474 Wa
 Trypanosoma cruzi-susceptible and -resistant
 mice were both more resistant to challenge
 with Aeromonas hydrophila following infection
 with T. cruzi, increased resistance depended
 on several factors but was generally indepen-
 dent of the immunosuppressed condition caused
 by T. cruzi infection

Bacteria

Diters RW; Ryan MJ
 1980 Cornell Vet 70 (3) July 213-217 Wa
 streptococcal vegetative endocarditis with
 generalized bacterial embolism associated
 with Dracunculus insignis in Procyon lotor
 (intermuscular and subcutaneous fascia), histo-
 pathology, case report; phlegmon of forelimb
 associated with D. insignis infestation be-
 lieved to be primary site of bacterial inva-
 sion: near New Haven, Connecticut

Bacteria

Etherington WG; Prescott JF
 1980 J Am Vet Med Ass 177 (10) Nov 15 1025-1027
 Wa
 Corynebacterium equi cellulitis in a foal
 associated with Strongyloides westeri infec-
 tion, case report

Bacteria

Eustis SL; Nelson DT
 1981 Vet Path 18 (1) Jan 21-28 Wa
 coccidia and their interaction with other
 pathogens, nursing piglets, enteritis,
 diarrhea

Bacteria

Fayez MA et al
 1978 J Egypt Med Ass 61 (7-8) 463-470 Wm
 schistosomiasis, humans with hepatic bilharzial
 cirrhosis, increased levels of serum antibody
 titers to Escherichia coli in persons who had
 port-caval shunt surgery, supports hypothesis
 that immunoglobulins increase after establish-
 ment of surgical shunt in patients with cirrho-
 sis

Bacteria

Freytmüller E; Camargo EP
 1981 J Protozool 28 (2) May 175-182 Wa
 trypanosomatids with and without endosymbionts,
 ultrastructural differences (intraflagellar
 structure, peripheral mitochondrial branching,
 kinetoplast DNA fibrils)

Bacteria

Goetz P; Boman A; Boman HG
 1981 Proc Royal Soc London Biol Sc (1188) 212
 July 14 333-350 Wa
 Neoplectana carpocapsae and its associated
 bacterium in Hyalophora cecropia (exper.),
 symbiotic relationship between nematode and
 bacteria and its survival value against induced
 insect immunity

Bacteria

Grimfeld A et al
 1981 Nouv Presse Med 10 (22) May 16 1846-1847
 Wm
 Pneumocystis carinii, 5-year-old immunosup-
 pressed child, mixed infection with Chlamydia
 trachomatis: France

Bacteria

Gronstol H; Overaas J
 1980 Acta Vet Scand 21 (4) 523-532 Wa
 Eperythrozoon ovis, lambs (exper.), resulting
 haemolytic anaemia and acidosis may predispose
 for listeric septicaemia, but not for listeric
 meningo-encephalitis, immune response

Bacteria

Gunalp A; Sellioglu B; Uraz G
 1979 Mikrobiyol Bul 13 (1) Jan 73-79 Wm
 enteric bacterial flora of patients infected
 with intestinal parasites vs. those without
 parasitic infections, incidence and distribu-
 tion

Bacteria

Hall GA et al
 1981 J Comp Path 91 (2) Apr 227-233 Wa
 Fasciola hepatica, cattle (exper.),
 susceptibility to oral infection with
 Salmonella dublin was not increased or
 enhanced by fluke infection

Bacteria

Herweg C; Kunstyr I
1979 Zentralbl Bakteriologie 1 Abt Orig Reihe A
245 (1-2) Oct 262-269 Wa
Spiroplasma muris, athymic (nude) mice (exper.), effect of infection and dimetridazole on intestinal microflora

Bacteria

Humphrey JD; Spradbery JP; Tozer RS
1980 Exper Parasitol 49 (3) June 381-397 Wa
Chrysomya bezziana, Brahman-cross steers (exper.), gross and histopathology, clinical syndrome, hematology and biochemistry, bacteriology

Bacteria

Kaya, HK; Hara AH
1980 J Invert Path 36 (3) Nov 389-393 Wa
Neoaplectana carpocapsae and its associated bacterium, infectivity to 3 species of lepidopterous pupae

Bacteria

Lewis JW; Ball SJ
1980 J Parasitol 66 (6) Dec 948-953 Issued May 6 1981 Wa
Trypanosoma cobitis in Hemiclepsis marginata, ultrastructure of epimastigotes, presence of bacteria-like bodies in cytoplasm

Bacteria

Lewis JW; Ball SJ
1981 Internat J Parasitol 11 (2) Apr 121-125 Wa
Trypanosoma cobitis, presence of bacteria-like micro-organisms in all stages of life cycle

Bacteria

Licois D; Coudert P
1980 Ann Recherches Vet 11 (3) 273-278 Wa
Eimeria intestinalis, rabbits (exper.), immunization, unsuccessful attempts to suppress immunity using immunodepressors, an antibiotic, Escherichia coli, and Eimeria piriformis

Bacteria

Ljungstroem I et al
1980 Infect and Immun 30 (3) Dec 734-740 Wa
Trichinella spiralis, mice, effect of parasite infection on intestinal fluid transport in concomitant enterotoxic diarrhea (cholera) and on local and systemic antibody formation to cholera toxin immunization

Bacteria

LoVerde PT; Amento C; Higashi GI
1980 J Infect Dis 141 (2) Feb 177-185 Wa
Salmonella typhimurium, in vitro association with 3 human Schistosoma spp., sex of worms, mechanism of interaction between Salmonella and surface tegument of Schistosoma, scanning electron microscopy

Bacteria

Miegeville M; Marjolet M; Vermeil C
1979 Bull Soc Path Exot 72 (2) Mar-Apr 107-111 Wa
Schistosoma mansoni, scanning electron microscopic study shows association between parasite surface and Salmonella in anti-Salmonella serum, possible implications for human mixed infections

Bacteria

Mikhail IA et al
1981 Am J Trop Med and Hyg 30 (2) Mar 385-393 Wa
Schistosoma mansoni, Mesocricetus auratus as animal model to study association of salmonellosis and schistosomiasis, findings suggest that direct physical relationship between bacteria and worms facilitates establishment and growth of Salmonella paratyphi A in vivo and that deficit in host immune response is not major factor involved in enhanced growth of S. paratyphi A; concurrent Leishmania donovani infections have no effect on S. paratyphi A infections

Bacteria

Milstead JE
1980 J Invert Path 35 (3) May 256-259 Wa
Heterorhabditis bacteriophora and its associated bacterium causing inhibited silk production in Galleria mellonella seventh-instar larvae (exper.)

Bacteria

Milstead JE
1980 J Invert Path 35 (3) May 260-264 Wa
Heterorhabditis bacteriophora and its associated bacterium, pathophysiological influences on Schizura concinna fifth-instar larvae (exper.): decreased feeding rate, larval wet weight, and frass production

Bacteria

Moesgaard F; Steven K; Engbaek K
1981 Acta Med Scand 209 (4) 333-334 Wm
Strongyloides stercoralis, man, case report, associated with severe diarrhea and abnormal colonization of duodenum with Hafnia alvei, both conditions cleared with mebendazole, diagnostic significance of presenting symptoms: Denmark, formerly from Israel

Bacteria

Nicoli RM et al
1981 Ann Parasitol 56 (1) 23-31 Wa
Trichomonas vaginalis, human, disturbs equilibrium of vaginal bacterial populations

Bacteria

Pedro RJ et al
1980 Rev Inst Med Trop S Paulo 22 (1) Suppl 4 Jan-Feb English text 32-36 Portuguese text 148-152 Wm
Schistosoma mansoni, humans, observations on therapy with oxamniquine and hycanthone, some reports of toxicity and strain resistance; oxamniquine for concurrent Salmonella and schistosomiasis infections

Bacteria

Pye AE; Burman M
1981 Exper Parasitol 51 (1) Feb 13-20 Wa
Neoaplectana carpocapsae, nematode accumulations on chemical and bacterial gradients, results may help understand infection processes and provide tools for enhancing spread of nematode to targeted pest insects

Bacteria

Thenvenieau D
1981 Med Trop 41 (2) Mar-Apr 201-205 Wm
Sarcoptes scabiei, children, pathology, complications (especially renal) in the presence of mixed bacterial infections: Nouvelle Calédonie

Bacteria

Tzipori S et al
1981 Infect and Immun 33 (2) Aug 401-406 Wa
Cryptosporidium sp., enterotoxigenic Escherichia coli, rotavirus, lambs (exper.), single and mixed infections, clinical and pathological manifestations, age susceptibility

Bacteria

Uraz G; Gunalp A
1979 Mikrobiyol Bul 13 (1) Jan 143-152 Wm
human intestinal parasites, possible effects on permanent intestinal bacterial flora

Bacteria

Wade WF; Gaafar SM
1981 Vet Parasitol 8 (4) Sept 309-317 Wa
Ascaris suum, swine, effect of salmonellosis on subsequent Ascaris infections

Basophils [See also Granulocytes; Leukocytes]

Basophils

Brown SJ; Knapp FW
1981 Parasitology 83 (1) Aug 213-223 Wa
Amblyomma americanum on guinea pigs, effect of acquired host resistance on tick feeding, color, and survival ability, histological responses of resistant hosts to tick feeding

Basophils

Capron A; Dessaint JP
1981 Ann Immunol 132C (1) Jan-Feb 3-8 Wa
IgE, interaction with mast cells, basophils, eosinophils, macrophages, and lymphoid cells, regulatory function, review

Basophils

Handlinger JH; Rothwell TLW
1981 Internat J Parasitol 11 (1) Feb 67-70 Wa
Trichostrongylus colubriformis, resistant and susceptible guinea-pigs, resting populations of basophil and eosinophil leucocytes and mast cells and their responses to infection

Basophils

Kazura JW et al
1981 J Clin Invest 67 (1) Jan 93-102 Wa
Schistosoma mansoni, role of cell-generated hydrogen peroxide in granulocyte-mediated killing of schistosomula in vitro

Basophils

Leynadier F et al
1980 Brit Med J (6226) 280 May 24 1251-1252 Wa
hydatidosis, humans, diagnosis, basophil degranulation test, useful and simple

Basophils

Ogilvie BM; Askenase PW; Rose ME
1980 Immunology 39 (3) Mar 385-389 Wa
Nippostrongylus brasiliensis, Trichinella spiralis, basophils and eosinophils in 3 strains of rats and in athymic (nude) rats following infection

Basophils

Roth RL; Levy DA
1980 Exper Parasitol 50 (3) Dec 331-341 Wa
Nippostrongylus brasiliensis-infected rats, peripheral leukocyte responses, correlation of basophils with blood histamine concentrations

Bathers' itch See Dermatitis, Trematoda

Behavior, Host

Boyce NP
1979 Canad J Zool 57 (3) Mar 597-602 Wa
Eubothrium salvelini-infected Oncorhynchus nerka (exper.), deleterious effect on growth, survival, and swimming performance of fish

Behavior, Host

Brook I et al
1981 IC Infect Control 2 (4) July-Aug 317-320 Wm
increased rates of eosinophilia among children in institution for mentally retarded, serologic survey showed previous exposure to variety of parasites but principal cause of eosinophilia may be Toxocara infection due to frequent pica behavior and contact with resident animals: California

Behavior, Host

Callinan APL
1980 Austral Vet J 56 (10) Oct 484-486 Wa
Linognathus vituli, calves with artificially induced infestations, effects of host nutrition and self-grooming on development and pathogenicity

Behavior, Host

Cambon M et al
1980 Actualites Odonto-stomatol (130) 279-286 Wm
Trichomonas tenax, Entamoeba gingivalis, incidence in human oral cavity, predisposing factors (age, dental hygiene, disease, alcohol consumption)

Behavior, Host

Cheesmond A
1980 Tr Roy Soc Trop Med and Hyg 74 (5) 691-692 Wa
Schistosoma mansoni, migrant workers, sociologically distinct groups, water contact behavior patterns in relation to risk of infection: Gezira, Sudan

Behavior, Host

Crowden AE; Broom DM
1980 Animal Behaviour London 28 (1) Feb 287-294 Wa
Diplostomum spathaceum-infected Leuciscus leuciscus because of decreased feeding efficiency spend more time in surface waters feeding which increases likelihood of fish being eaten by gull

Behavior, Host

Dolinsky ZS et al
1981 Science (4512) 213 Sept 4 1142-1144 Wa
Toxocara canis, behavioral effects in mice administered parasites or lead or both, lesions and parasites in central nervous system

Behavior, Host

Ejezie GC; Ade-Serrano MA
1981 Trop and Geogr Med 33 (2) June 175-180 Wa
Schistosoma haematobium, primary school children, study on prevalence, intensity, and morbidity of infection (physical status, age, school performance, school attendance), concluded that only minimal morbidity is associated with infection in the Badagry area: Nigeria

- Behavior, Host
Freeland WJ
1981 Science (4506) 213 July 24 461-462 Wa
Heligmosomoides polygyrus, effect of infection on behavioral dominance among male mice, implications for host reproduction
- Behavior, Host
Glickman LT et al
1981 Am J Trop Med and Hyg 30 (1 pt 1) Jan 77-80 Wa
Toxocara canis, children, significant associations between: 1) feces, soil, or grass pica and infection; 2) dog ownership and infection; and 3) paint or plaster pica and elevated blood lead: Allegheny County, Pennsylvania
- Behavior, Host
Guillot FS
1981 J Med Entom 18 (1) Feb 20 44-47 Wa
Psoroptes ovis, population increase on stanchioned but not unstanchioned cattle suggests that host self-grooming contributes to decline of P. ovis and body scab during summer, deteriorating skin condition also a factor, evidence that P. ovis does not enter quiescent stage for summer survival
- Behavior, Host
Humphery-Smith I; Moorhouse DE
1981 Ann Parasitol 56 (3) 353-357 Wa
Ornithodoros capensis, survival in abandoned nests of Anous minutus during non-nesting season as mechanism of host acquisition when birds re-use nests: Heron Island, Capricorn Group, Great Barrier Reef
- Behavior, Host
Hutchison WM et al
1980 Ann Trop Med and Parasitol 74 (3) June 337-345 Wa
Toxoplasma gondii, behavioral abnormalities in infected mice
- Behavior, Host
Hutchison WM; Aitken PP; Wells BWP
1980 Ann Trop Med and Parasitol 74 (2) Apr 145-150 Wa
Toxoplasma gondii, mice, behavioral effects of infection, infected mice may be less responsive to novel stimuli and thus more likely to be taken by predators
- Behavior, Host
Hutchison WM; Aitken PP; Wells BWP
1980 Ann Trop Med and Parasitol 74 (5) Oct 507-510 Wa
Toxoplasma gondii, chronically infected mice, impaired motor performance
- Behavior, Host
Jenni L et al
1980 Nature London (5745) 283 Jan 24 383-385 Wm
Trypanosoma brucei-infected Glossina probed more frequently and fed more voraciously than uninfected flies, differences in feeding behavior result from impaired function of labral mechanoreceptors in infected flies, indicates advantageous adaptation by parasites that may have profound epidemiological and epizootiological implications
- Behavior, Host
Kawazoe U et al
1980 Rev Saude Pub S Paulo 14 (1) Mar 65-87 Wm
Biomphalaria glabrata, B. tenagophila, competitive behavior in 3 natural breeding sites with tendency for B. glabrata to be excluded, exact mechanism of phenomenon not determined: Ourinhos, Sao Paulo, Brasil
- Behavior, Host
Kloos H; Lemma A
1980 Ethiop Med J 18 (3) July 91-98 Wm
Schistosoma mansoni, humans, epidemiology, in depth study of water contact patterns according to exposure and contamination of local waters, applications for local control project: Tensae Berhan town, Ethiopia
- Behavior, Host
Lewis JW; D'Silva J
1980 J Zool London 191 (3) July 429-433 Wa
Syphacia muris in male and female rats, role of host feeding and defaecation activity in rhythmic deposition of eggs by female nematodes, infectivity of eggs in relation to timing of peak of egg deposition
- Behavior, Host
Lin CY; Chen SN
1980 Med J Osaka Univ 31 (1-2) Sept 7-11 Wm
Angiostrongylus cantonensis, children, epidemiology, vector and reservoir host survey, disease has close association with rainy season when Achatina fulica vectors are most active: North Taiwan
- Behavior, Host
Lucius R; Romig T; Frank W
1980 Ztschr Parasitenk 63 (3) 271-275 Wa
Dicrocoelium hospes, life cycle, development in Camponotus compressiscapus (exper.), behavioral changes of host
- Behavior, Host
Payneau A
1979 Ann Recherches Vet 10 (4) 567-569 Wa
ectoparasites, sheep, cause of 'on its back' syndrome, HCH spray effective: Saone-et-Loire, France
- Behavior, Host
Pearre S jr
1979 Internat Rev Ges Hydrobiol 64 (2) 193-206 Wa
hemiurid larval trematode-infected chaetognaths, morphological (gigantism) and behavioral (vertical migration to better-lit habitat) modifications, excess field mortality, lowered reproductive potential, contagious distribution of parasites within host population, may be optimal strategy to increase intermediate host predation by correct final host species and minimize damage to intermediate host population as a whole
- Behavior, Host
Radabaugh DC
1980 J Fish Biol 16 (6) June 621-628 Wa
Ornithodiplostomum ptychocheilus in Pimephales promelas, behavior changes in host, comparison of schooling patterns in control vs. infected minnows

Behavior, Host

Rao KH; Shyamsunderi K
1974 Indian J Helminth 24 (1-2) Mar-Sept 1972
40-46 Issued Sept 1 Wa
strigeid metacercaria, effect on weight and behavior of *Catla catla*: Andhra State fishery nursery pond, Samalkot, India

Behavior, Host

Romig T; Lucius R; Frank W
1980 Ztschr Parasitenk 63 (3) 277-286 Wa
Dicrocoelium hospes and *D. dendriticum* in ant brains, morphology and distribution compared, relationship to host behavioral changes

Behavior, Host

Schleger AV; Lincoln DT; Kemp DH
1981 *Experientia* 37 (1) Jan 15 49-50 Wa
Boophilus microplus-infected *Bos taurus*, mast cell histamine is translocated by eosinophils to attachment site, concentration pattern of histamine appears related to grooming behavior of host, could be important aspect of tick rejection mechanism

Behavior, Host

Seed JR; Hall JE
1980 Ann Soc Belge Med Trop 60 (4) Dec 341-348 Wa
Microtus montanus, useful animal model for study of human African trypanosomiasis, several special techniques for study of behavioral changes

Behavior, Host

Service MW
1980 Internat J Biometeorol 24 (4) Dec 347-353 Wa
mosquitoes and blackflies, effects of wind on behavior and distribution, review

Behavior, Host

Smith DH
1978 J Wildlife Dis 14 (1) Jan 28-39 Wa
Cuterebra approximata in *Peromyscus maniculatus* (exper.), host behavioral changes

Behavior, Host

Smith DH
1978 J Wildlife Dis 14 (1) Jan 40-51 Wa
Cuterebra approximata-infected *Peromyscus maniculatus* (exper.), vulnerability to short-tail weasel predation in the laboratory

Behavior, Host

Stpiczynska R
1979 Polskie Arch Hydrobiol 26 (4) 515-528 Wa
Fasciola hepatica, pathophysiology in *Lymnaea tomentosa*, host activity and growth

Behavior, Host

Tarimo CS
1980 Insect Sc and Its Applic 1 (1) 73-76 Wa
Trypanosoma rhodesiense, influence of cultural practices and occupational tendencies of the Masai on epidemiology in Lower Kitete, northern Tanzania

Behavior, Host

Tayo MA; Pugh RNH; Bradley AK
1980 Ann Trop Med and Parasitol 74 (3) June 347-354 Wa
Schistosoma haematobium study area, human water-contact activities, frequency, degree of bodily contact with water, diurnal variation, age and sex differences, dry vs. wet season, implications for schistosomiasis transmission and control: Ruwan Sanyi dam, Malumfashi District, northern Nigeria

Behavior, Host

Thomas JD et al
1980 Comp Biochem and Physiol 66C (1) 17-27 Wa
Biomphalaria glabrata adults, behavioral responses to amino acids and related compounds (including propionic acid), postulated structure-activity relationship for compounds effective as attractants, arrestants, or repellents and their chemoreceptors

Behavior, Host

Titmus G; Badcock RM
1981 Ztschr Parasitenk 65 (3) 353-357 Wa
mermithids, *Einfeldia dissidens*, morphometric changes in male and female hosts studied by canonical variates analysis, structural modifications discussed in relation to changes in host behaviour

Behavior, Host

Trail DRS
1980 Am Naturalist 116 (1) July 77-91 Wa
parasite-induced modifications of host behavior, analysis with respect to (1) dispersal of parasite propagules to new hosts, (2) modification of host's energy budget to provide energy for parasite's growth and maturation, and (3) keeping the host alive until the parasite has completed its life cycle, phenomenon of host 'suicide' and its possible role in evolution of complex life cycles

Behavior, Host

Witting PA
1979 Ztschr Parasitenk 61 (1) 29-51 Wa
Toxoplasma, learning capacity and memory of normal and infected laboratory rats and mice, relationship to number of brain cysts

Behavior, Host

Yanga K; Lusanga NK; Kabuiku P
1978 Afrique Med (163) 17 Oct 561-653 Wm
trichomoniasis, humans, urogenital infections, effects of polygamy, therapeutic regimens compared

Behavior, Parasite

Andrews RH; Bull CM
1980 Animal Behaviour London 28 (4) Nov 1280-1286 Wa
Aponomma hydrosauri, mating behavior

Behavior, Parasite

Andrews RH; Bull CM
1981 Animal Behaviour London 29 (2) May 518-522 Wa
Aponomma hydrosauri, inhibition of mating behaviour before feeding

- Behavior, Parasite
Bartoli P
1981 Ann Parasitol 56 (3) 261-270 Wa
Gymnophallus nereicola, biological and ecological factors favoring parasite recruitment by *Nereis diversicolor* (parasite endemiotope, cercarial emergence, cercarial behavior (swimming, phototropism, rheotropism), cercarial access to and penetration of host, localization of metacercariae in host)
- Behavior, Parasite
Beckett R; Pike AW
1980 J Helminth 54 (2) June 87-91 Wa
Nematospiroides dubius mating activity and sex ratio in infections of laboratory mice in relation to time post-infection, population size, and ontogenetic migration
- Behavior, Parasite
Belosevic M; Dick TA
1980 J Parasitol 66 (1) Feb 88-93 Wa
Trichinella spp., cross-specificity of chemical attraction as possible means of distinguishing between species, strains, and isolates
- Behavior, Parasite
Belosevic M; Dick TA; Chadee K
1981 J Parasitol 67 (5) Oct 692-696 Wa
Trichinella spiralis, chemical attraction in absence of worm-mediated tactile behavior, postulate that onset of pheromone production is during 4th developmental stage
- Behavior, Parasite
den Boer J; den Boer MH
1980 Physiol Entom 5(2) June 107-110 Wa
Rhipicephalus pulchellus, aggregation behavior, possible mechanisms, laboratory studies disturbed by presence of human observer
- Behavior, Parasite
Bolton HT; Butler JF; Carlson DA
1980 J Chem Ecol 6 (5) Sept 951-964 Wa
Haematobia irritans, mating stimulant pheromone, demonstration of biological activity in separated cuticular components
- Behavior, Parasite
Bone LW
1980 Proc Helminth Soc Washington 47 (2) July 228-234 Issued Aug 25 Wa
Nippostrongylus brasiliensis, activation of males by female pheromone, spot plate bioassay
- Behavior, Parasite
Broce AB
1980 Ann Entom Soc Am 73 (4) July 15 386-389 Wa
Cochliomyia hominivorax, effect of swormlure-2 and its individual chemical components on sexual behavior of males vs. females 0 to 7 days old, laboratory studies
- Behavior, Parasite
Brown SJ
1979 J Med Entom 16 (3) Oct 12 262 Wa
Dermacentor variabilis adult males, guinea pigs (exper.), mating behavior with respect to attached females
- Behavior, Parasite
Bundy DAP
1981 Parasitology 82 (2) Apr 319-334 Wa
Transversotrema patialense, swimming behavior of cercaria, high-speed micro-cinematography, quantitative analysis of configurational changes
- Behavior, Parasite
Burman M; Pye AE
1980 Exper Parasitol 49 (2) Apr 258-265 Wa
Neoapectana carpocapsae, movements of infective juveniles on thermal gradient, implications for dispersion and infection of insect larvae in field
- Behavior, Parasite
Catts EP
1979 J Med Entom 16 (6) Dec 18 461-464 Wa
Gasterophilus intestinalis, hilltop aggregation and mating behavior: Marin County, California; Whitman County, Washington
- Behavior, Parasite
Christensen NØ
1980 Acta Trop 37 (4) Dec 303-318 Wa
host-finding capacity of trematode miracidium, influence of host- and parasite-related factors and environmental conditions, review with special reference to *Fasciola* and *Schistosoma*
- Behavior, Parasite
Coffman CC
1972 Diss (South Dakota State Univ) 107 pp Ann Arbor Michigan Wa (DISS 72-33,332)
Geomylichus geomydis n. sp. from *Geomys* b. *bur-sarius*, rates of infestation by season, sex of host, and age of host, statistical analysis and comparison with 4 other major ectoparasite populations (parasite age & sex structures, total and mean population densities, mean seasonal percent), distribution and behavior on host body, observations on eggs, survival after removal from host, body weights, life cycle
- Behavior, Parasite
Cohen LM; Neimark H; Eveland LK
1980 J Parasitol 66 (2) Apr 362-364 Wa
Schistosoma mansoni, response of cercariae to thermal gradient, thermoresponse could contribute to host-finding and penetration
- Behavior, Parasite
Davis JC; Camin JH
1977 J Med Entom 14 (3) Nov 30 373-378 Wa
Dermanyssus prognepphilus, stimuli (chemical and tactile), receptors, mechanism, and adaptive value of aggregation behavior, laboratory study
- Behavior, Parasite
Dube BM
1979 Austral J Ecol 4 (4) Dec 345-360 Wa
Ixodes holocyclus on small mammals and birds, seasonal abundance and host relationships in different habitats, detachment behavior and survival of engorged ticks, host resistance: southeastern Queensland
- Behavior, Parasite
Emmens RL
1981 J Chem Ecol 7 (3) May 529-541 Wa
Lucilia cuprina, evidence for attractant in cuticular lipids of female flies, may play role in group oviposition behavior exhibited by this species
- Behavior, Parasite
Fried B; Jacobs JE
1980 Proc Helminth Soc Washington 47 (1) Jan 136-138 Issued Feb 15 Wa
Echinostoma revolutum, interspecific pairing with *Zygotocotyle lunata* and *Leucochloridiomorpha constantiae* in vitro

- Behavior, Parasite
Fried B; Robinson GA
1981 Parasitology 82 (2) Apr 225-229 Wa
Amblosuma suwaense, pairing and aggregation of metacercariae in vitro, partial characterization of lipids involved in chemo-attraction
- Behavior, Parasite
Fried B; Tancer RB; Fleming SJ
1980 J Parasitol 66 (6) Dec 1014-1018 Issued May 6 1981 Wa
Echinostoma revolutum, in vitro pairing of immature and mature adults, characterization of worm products involved in chemoattraction as lipids
- Behavior, Parasite
Gaugler R et al
1980 Environment Entom 9 (5) Oct 649-652 Wa
Neoapectana carpopapsae, orientation behavior of infective stage juveniles in response to CO₂, results suggest this compound aids host finding
- Behavior, Parasite
George JE; Cook B
1979 J Med Entom 16 (4) Nov 7 275-285 Wa
Argas cooleyi and Ornithodoros concanensis nymphs (hydrated, dehydrated, or engorged) in temperature gradient apparatus, exokinetic responses to various environmental temperatures, minimal and maximal lethal temperatures, activity index
- Behavior, Parasite
Haggart DA; Davis EE
1980 J Insect Physiol 26 (8) 517-523 Wa
Rhipicephalus sanguineus, electrophysiological evidence for ammonia-sensitive neurones on first tarsi, behavioral bioassay supports concept that ammonia plays role in directing host-seeking or other behaviors
- Behavior, Parasite
Heath JP
1981 Brit J Vener Dis 57 (2) Apr 106-117 Wm
Trichomonas vaginalis in mammalian cell cultures, light and electron microscopic study, parasites adhered to epithelial cells, developed an amoeboid morphology, and crawled over and under monolayer of cells, possibly important mechanisms of injury to host epithelium
- Behavior, Parasite
Holscher KH; Gearhart HL; Barker RW
1980 Ann Entom Soc Am 73 (3) May 15 288-292 Wa
Amblyomma americanum, A. maculatum, Dermacentor variabilis, olfactory perception of carbon dioxide, effect of sex, age, humidity, temperature, and carbon dioxide preconditioning; field study with laboratory-reared A. americanum adults of various ages
- Behavior, Parasite
Holt GG; Adams TS; Sundet WD
1979 J Med Entom 16 (3) Oct 12 248-253 Wa
Cochliomyia hominivorax females, sensory mechanisms for selection of ovipositional sites: behavior of ovipositing flies on substrates, olfactometer studies, effect of concentration and temperature of test materials on oviposition
- Behavior, Parasite
Humphreys WF; Reynolds SE
1980 Physiol Entom 5 (3) Sept 235-242 Wa
Gasterophilus intestinalis, regulation of body temperature by endothermy with associated sound production
- Behavior, Parasite
Kearn GC
1980 Parasitology 81 (1) Aug 71-89 Wa
Entobdella soleae, oncomiracidia hatched with and without chemical stimulation in light and in darkness, light and gravity responses in relation to larval age and their role in host location
- Behavior, Parasite
Kemp DH; Bourne A
1980 Parasitology 80 (3) June 487-496 Wa
Boophilus microplus, effect of histamine and other pharmacologically active chemicals on attachment and growth of larvae
- Behavior, Parasite
Kennedy MJ
1979 Canad J Zool 57 (3) Mar 603-609 Wa
Bunodera nediovitellata miracidia and cercariae, responses to light and gravity
- Behavior, Parasite
Keshavarz-Valian H; Nollen PM
1980 J Parasitol 66 (4) Aug 684-686 Wa
Philophthalmus gralli miracidia, responses to gravity and light, effects of aging and temperature on these responses
- Behavior, Parasite
Keshavarz-Valian H; Nollen PM; Maynard C
1981 J Parasitol 67 (4) Aug 527-530 Wa
Philophthalmus gralli, responses of miracidia to various chemicals stimulative to other miracidial species, miracidial behavior was klinokinetic rather than chemotactic
- Behavior, Parasite
Khalil GM; Nada SA; Sonenshine DE
1981 J Parasitol 67 (1) Feb 70-76 Wa
Hyalomma dromedarii, sex pheromone regulation of mating behavior
- Behavior, Parasite
Krinsky WL
1979 J Med Entom 16 (4) Nov 7 354-355 Wa
Ixodes dammini on rabbits (exper.), development in laboratory compared with published data about I. scapularis and I. muris; some differences in feeding and mating behavior between I. muris and the other 2 species
- Behavior, Parasite
LaRochelle PB; Dimock RV jr
1981 Oecologia 48 (2) 257-259 Wa
Unionicola formosa, occurrence and specificity of host recognition behavior of adult and nymphal mites, ability of adult mites to recolonize hosts: North Carolina; South Carolina
- Behavior, Parasite
Llewellyn J
1981 Parasitology 82 (4) July 57-68 Wa
biology of monogeneans, Workshop Proceedings, 3. European Multicollloquium of Parasitology

- Behavior, Parasite
Mackley JW; Broce AB
1981 Environment Entom 10 (3) June 406-408 Wa
Cochliomyia hominivorax, evidence of female sex recognition pheromone
- Behavior, Parasite
Meyer RP; Bock ME
1980 J Med Entom 17 (6) Dec 30 489-493 Wa
Cuterebra lepivora males in 2 aggregations, density, effect of temperature on perch site selection, perching and territorial behavior, mate acquisition: Kern Co., California
- Behavior, Parasite
Norval RAI; Rechav Y
1979 J Med Entom 16 (6) Dec 18 507-511 Wa
Amblyomma variegatum, assembly pheromone and its perception, role in regulating behavior of unfed adults; weaker response to *A. hebraeum* extracts: Rhodesia
- Behavior, Parasite
Florin GG; Gilbertson DE
1981 J Parasitol 67 (1) Feb 45-49 Wa
Schistosoma mansoni, descriptive statistics of swimming behavior of miracidia in artificial pond water
- Behavior, Parasite
Florin GG; Gilbertson DE
1981 J Parasitol 67 (5) Oct 727-728 Wa
Schistosoma mansoni, behavior of miracidia upon contacting solid surfaces
- Behavior, Parasite
Pye AE; Burman M
1981 Exper Parasitol 51 (1) Feb 13-20 Wa
Neoaeplectana carpocapsae, nematode accumulations on chemical and bacterial gradients, results may help understand infection processes and provide tools for enhancing spread of nematode to targeted pest insects
- Behavior, Parasite
Rechav Y
1978 J Med Entom 15 (1), Nov 7 81-83 Wa
Amblyomma hebraeum, specificity of assembly pheromone(s), response of 7 other species of hard ticks
- Behavior, Parasite
Rechav Y
1979 J Med Entom 16 (2) Sept 28 150-163 Wa
Amblyomma hebraeum, *Rhipicephalus appendiculatus*, *R. evertsi evertsi*, larvae, nymphs, adults, vertical and horizontal migration under field conditions, relationship among dispersal patterns, ecological factors (wind, humidity), and methods commonly used in studying tick populations
- Behavior, Parasite
Roberts TM; Linck RW; Chernin E
1980 J Exper Zool 211 (2) Feb 137-142 Wa
Schistosoma mansoni, role of cilia and sub-epithelial muscles in turning behavior of stimulated miracidia
- Behavior, Parasite
Schlein Y; Gunders AE
1981 Parasitology 82 (3) June 467-471 Wa
Ornithodoros, sex pheromone in coxal fluid of female ticks, induces mating behavior in males, both pheromone and recognition of behavioral pattern are essential components of mating behavior
- Behavior, Parasite
Short NJ; Norval RAI
1981 J Parasitol 67 (1) Feb 77-84 Wa
Rhipicephalus appendiculatus, larvae, nymphs, adults, seasonal activity, vertical migration of adults on vegetation, influence of climatic factors (temperature, humidity, day length)
- Behavior, Parasite
Sukhdeo MVK; Croll NA
1981 Internat J Parasitol 11 (2) Apr 157-162 Wa
Nematospiroides dubius, effects of bile on site selection behavior of larvae
- Behavior, Parasite
Sukhdeo MVK; Croll NA
1981 Internat J Parasitol 11 (2) Apr 163-168 Wa
Trichinella spiralis, factors affecting longitudinal distribution of worms in small intestine of mice
- Behavior, Parasite
Uspenskii IV; Emel'ianova OIU
1980 Zool Zhurnal 59 (5) May 699-704 Wa
Ixodes ricinus, *I. persulcatus*, both sexes attracted to aggregation pheromone from virgin adults, attraction more distinct in older ticks than in younger ones
- Behavior, Parasite
Valadares TE et al
1981 Rev Inst Med Trop S Paulo 23 (1) Jan-Feb 1-5 Wm
Schistosoma mansoni, mice, localization and migrating behavior of oviposition of 3 parasite strains compared
- Behavior, Parasite
Valadares TE et al
1981 Rev Inst Med Trop S Paulo 23 (1) Jan-Feb 6-11 Wm
Schistosoma mansoni, localization of female egg laying in intestine of mice
- Behavior, Parasite
Waladde SM; Kokwaro ED; Chintawi M
1981 Insect Sc and Its Applic 1 (2) 191-196 Wa
Rhipicephalus appendiculatus, cold receptor on tarsus I, electrophysiological and ultrastructural observations
- Behavior, Parasite
Webb JP jr
1979 J Med Entom 16 (5) Nov 23 437-447 Wa
Ornithodoros concanensis nymphs, host-locating behavior, effect of various stimuli (carbon dioxide, host odor and heat, tick odor, contact, gravity, light)
- Behavior, Parasite
Wharton DA
1981 Internat J Parasitol 11 (5) Oct 353-357 Wa
Trichostrongylus colubriformis infective larvae, initiation of coiling behavior prior to desiccation
- Behavior, Parasite
Wharton DA
1981 Parasitology 82 (2) Apr 269-279 Wa
Trichostrongylus colubriformis, effect of temperature and mechanical disturbances on behavior of infective larvae with special reference to initiation of coiling

Behavior, Parasite

Wrona FJ; Davies RW; Linton L
1979 Canad J Zool 57 (11) Nov 2136-2142 Wa
Glossiphonia complanata, analysis of food
niche, serological techniques, examination of
prey utilization with respect to field range,
seasonality, and weight (size-age) differences

Behavior, Parasite

Yoshida T
1980 Applied Entom and Zool 15 (3) Aug 198-206
Wa
Haemaphysalis longicornis larvae, measuring
apparatus for recording larval movement;
diurnal activity and behavior during light
and darkness and at different temperatures,
tick response to increased CO₂ in air, theory
for host perception

Behavior, Parasite

Zietse MA; Klaver-Wesseling JCM; Vetter CM
1981 J Helminth 55 (3) Sept 203-207 Wa
Ancylostoma caninum, dog serum contains factor
that chemotactically attracts infective larvae,
sera of other animal species also possess fac-
tor but to much lesser extent

Belgium

Cotteleer C; Fameree L
1981 Schweiz Arch Tierh 123 (5) May 263-271 Wa
parasitoses of horses, coprological and sero-
logical survey, public health importance: Bel-
gique

Bibliographies

van Bronswijk JEMH
1980 Vet Quart 2 (4) 220-233 Wa
bibliography on ticks and tick-borne diseases
in countries of Benelux (1567-1978)

Bibliographies

McCowan MJ; Barker RW
1980 Bull Entom Soc Am 26 (1) Mar 17-25 Wa
tick-host resistance and immunological rela-
tionships, selected bibliography

Bibliographies

White EM et al
1978 Rev Biol Trop 26 (1) July 43-102 Wa
hematozoa of Neotropical birds, regional
distribution, literature review

Bile

Hughes DL; Hanna REB; Symonds HW
1981 Exper Parasitol 52 (2) Oct 271-279 Wa
Fasciola hepatica, IgG and IgA levels in serum
and bile of cattle throughout 20-week period
of infection

Bile

Jacqueline E et al
1981 Ann Parasitol 56 (4) 395-400 Wa
Trichinella spiralis, rats (exper.) with bili-
ary secretion diverted from choledoch duct to
bladder, increased number of adult worms, in-
creased production of larvae by females, in-
creased length of females, increased number of
muscular larvae; in vitro inhibition of larvae
production by secretory IgA (SIgA) from bile,
more inhibition by immune SIgA than control
SIgA

Bile

Sukhdeo MVK; Croll NA
1981 Internat J Parasitol 11 (2) Apr 157-162 Wa
Nematospiroides dubius, effects of bile on site
selection behavior of larvae

Bile duct See Biliary tract

Biliary tract [See also Digestive system; Gall-
bladder; Liver]

Biliary tract

Foster JR
1981 Parasitology 83 (2) Oct 253-258 Wa
Fasciola hepatica-infected rats, initiation of
biliary hyperplasia, occurs in absence of
mechanical contact with parasite, support for
hypothesis of chemical aetiology

Biliary tract

Girotra KL; Isseroff H
1980 Exper Parasitol 49 (1) Feb 41-46 Wa
Fasciola hepatica-infected rats, azetidine in-
hibition of bile duct hyperplasia, results
support hypothesis that hyperplasia is mediated
through release of free proline from worms and
suggest importance of collagen biosynthesis in
hyperplasia

Biliary tract

Magomedov AZ; Deenichin PG; Makhatilov MM
1980 Khirurgiia (1) Jan 36-39 Wm
Echinococcus, humans, diagnostic pathology,
surgical management of cysts perforating into
the biliary tract

Biliary tract

Mayberry LF et al
1981 J Parasitol 67 (2) Apr 236-240 Wa
Brachylaime microti-infected Meriones unguicu-
latus (exper.), biliary tract histopathologic
responses

Biliary tract

Sanborn CR; Marquardt WC; Duszynski DW
1970 Tr Am Micr Soc 89 (2) Apr 274-276 Issued
Aug 19 Wa
Hymenolepis microstoma-infected mice (exper.),
changes in bile duct 4, 8, 12, and 16 days
after infection, evidence of acute pancreatitis

Biochemical taxonomy See Taxonomy

Biochemistry [See also Amino acids; Carbohy-
drates; Enzymes; Glycoproteins; Histochemistry;
Hormones; Lipids; Metabolism; Nucleic acids;
Prostaglandins; Proteins; Respiration]

Biochemistry

Barrett J
1981 Biochemistry of parasitic helminths 308 pp
London (MacMillan Publishers Ltd) Wa(QL392.B3)

Biochemistry

Zenian A
1981 Exper Parasitol 51 (2) Apr 175-187 Wa
Leishmania tropica, biochemical aspects of
promastigotes' attachment to macrophages in
vitro

Biochemistry, Acanthocephala

Cornish RA; Wilkes J; Mettrick DF
1981 J Parasitol 67 (5) Oct 754-756 Wa
Moniliformis dubius adults, concentrations of
some of metabolites in pathway of glucose meta-
bolism, identification of possible regulatory
enzymes, differences between male and female
worms

Biochemistry, Acanthocephala

Donahue MJ et al
1981 J Parasitol 67 (5) Oct 756-758 Wa
Macracanthorhynchus hirudinaceus, potential carbohydrate regulatory enzymes, metabolite levels

Biochemistry, Acanthocephala

Tanaka RD; MacInnis AJ
1980 J Parasitol 66 (2) Apr 354-355 Wa
Moniliformis dubius, pseudocoelomic fluid, amino acids, glucose, and malate concentrations, osmolality

Biochemistry, Arthropoda

Chinery WA
1981 J Parasitol 67 (1) Feb 15-19 Wa
Haemaphysalis spinigera, Rhipicephalus s. sanguineus, skin reaction after intracutaneous injection of salivary gland extract into sensitized and nonsensitized rabbits, indicates that ticks' saliva contains pharmacodynamic substance (closely related to histamine) in addition to having antigenic properties

Biochemistry, Arthropoda

Czeczuga B; Urban E
1979 Bull Acad Polon Sc Cl II s Sc Biol 27 (7) 557-560 Wa
Dermanyssus gallinae, Menopon gallinae, carotenoids in parasites and in infected hen skin compared, β -carotene metabolism, lowered β -carotene (vitamin A source) in birds

Biochemistry, Arthropoda

Feldman-Muhsam B; Bachrach U; Ben-Joseph M
1980 J Insect Physiol 26 (6) 407-413 Wa
Ornithodoros savignyi, presence of spermine in spermatophore, first report of spermine in the Arthropoda

Biochemistry, Arthropoda

Guenther PE; Barker DM; Sauer JR
1980 Ann Entom Soc Am 73 (4) July 15 485-488 Wa
Amblyomma maculatum, sheep (exper.), whole body water and concentrations of sodium and chloride in whole tick, gut content, hemolymph, and saliva of pre-fed and engorging females measured, comparison with published results for A. americanum; A. maculatum may imbibe considerable non-whole blood tissue while feeding on sheep

Biochemistry, Arthropoda

Kamal KA; Kamel MY
1977 J Med Entom 14 (2) Nov 25 204-207 Wa
Dermacentor andersoni, Argas arboreus, females, eggs, and larvae, total lipids and total phospholipids during oogenesis and embryogenesis

Biochemistry, Arthropoda

Mackley JW; Carlson DA; Butler JF
1981 J Chem Ecol 7 (4) July 669-683 Wa
Haematobia irritans, identification of cuticular hydrocarbons, assays for biological activity as attractants

Biochemistry, Arthropoda

Soranzo L
1980 Ann Sc Nat Zool et Biol Animale 14 s 2 (1) Jan-Mar 35-50 Wa
Hypoderma sp. bovine, oenocytes of 1st, 2nd, and 3rd larval stages, development and ultrastructure, cytological, ultrastructural, and cytochemical observations, role in lipid metabolism

Biochemistry, Arthropoda

Uma Devi DV; Shyamasundari K; Hanumantha Rao K [1980] Riv Parassitol Roma 39 (2-3) 1978
103-112 Issued Jan Wa
Pandarus niger, structure and cytochemistry of oocyte

Biochemistry, Cestoda

Barrett J; Lloyd GM
1981 Parasitology 82 (1) Feb 11-16 Wa
Schistocephalus solidus plerocercoids, possession of taurocyamine phosphotransferase but no detectable phosphagens; neither phosphagens nor phosphagen phosphotransferase activity detected in Fasciola hepatica, Hymenolepis diminuta, Moniezia expansa, or Ligula intestinalis

Biochemistry, Cestoda

Fletcher TC; White A; Baldo BA
1980 Parasite Immunol 2 (4) Winter 237-248 Wa
Bothriocephalus scorpii, antigenic determinants reactive with C-reactive protein (CRP) and with antiserum to phosphorylcholine, this C substance causes skin reaction when injected into Scopthalmus maximus, no evidence for CRP being toxic to worms, possibility that worms exploit host CRP for their own survival

Biochemistry, Cestoda

Frayha GJ; Haddad R
1980 Internat J Parasitol 10 (5-6) Nov-Dec 359-364 Wa
Echinococcus granulosus, protoscolices and hydatid cyst fluid, comparative chemical composition (electrolytes, nucleic acids, proteins, enzymes, nitrogenous waste products, carbohydrates, lipids), first report of sucrose in parasitic helminth

Biochemistry, Cestoda

Insler GD; Roberts LS
1980 J Exper Zool 211 (1) Jan 55-61 Wa
Hymenolepis diminuta, effects of major fermentation acids and of ammonia and urea on incorporation of ^3H -thymidine into DNA

Biochemistry, Cestoda

Ishii AI; Morimoto K; Sano M
1981 Experientia 37 (3) Mar 15 259-260 Wm
Diphyllobothrium erinacei, calcareous corpuscles, scanning electron microscopy, presence of calcium demonstrated by elemental X-ray analysis, peak of magnesium was weak

Biochemistry, Cestoda

McManus DP
1981 J Helminth 55 (1) Mar 21-27 Wa
Echinococcus granulosus, adult and cystic stages of human and animal origin from Kenya, biochemical composition, metabolic studies, results suggest unusually complex strain situation

Biochemistry, Cestoda

Nemeth I; Juhasz S
1980 Parasitology 80 (3) June 433-446 Wa
Taenia pisiformis, trypsin and chymotrypsin inhibitor from metacestodes

Biochemistry, Cestoda

Nemeth I; Juhasz S
1981 Internat J Parasitol 11 (2) Apr 137-144 Wa
Taenia pisiformis, properties of trypsin and chymotrypsin inhibitor secreted by metacestodes

- Biochemistry, Cestoda**
Reisin IL; Rabito CA; Cantiiello HF
1981 Internat J Parasitol 11 (5) Oct 405-410 Wa
Echinococcus granulosus, water and electrolyte balance in protoscolecetes incubated in vitro, effect of metabolic inhibitors
- Biochemistry, Cestoda**
Reisin IL; Rotunno CA
1981 Internat J Parasitol 11 (5) Oct 399-404 Wa
Echinococcus granulosus, water and electrolyte balance in protoscolecetes incubated in vitro, general procedures for determination of water, sodium, potassium, and chloride, evidence of active transport mechanism for Na⁺ and K⁺
- Biochemistry, Cestoda**
Sanchez Franco A; Sanchez Acedo C
1971 Rev Iber Parasitol 31 (3-4) July-Dec 347-366 Wa
hydatid cysts, ovine, bovine, human, from different body locations, physical and chemical properties
- Biochemistry, Cestoda**
Specian RD; Lumsden RD
1981 Ztschr Parasitenk 64 (3) 335-345 Wa
Hymenolepis diminuta, rostellar tegument, histochemical, cytochemical, and autoradiographic studies
- Biochemistry, Cestoda**
Ubelaker JE
1980 Biol Tapeworm Hymenolepis diminuta 59-156 Wa
Hymenolepis diminuta, structure and ultra-structure of larvae and metacestodes, development, emergence, penetration, chemical composition, external factors influencing development, review
- Biochemistry, Cestoda**
Watts SDM
1980 Biochem Soc Tr 8 (1) Feb 71-72 Wm
Hymenolepis diminuta, preparation of fraction with tubulin-like properties
- Biochemistry, Cestoda**
Watts SDM
1981 Biochim et Biophys Acta 667 (1) Jan 30 59-69 Wa
Hymenolepis diminuta, biochemical and pharmacological evidence that colchicine receptor in supernatant fraction of worm homogenate was almost certainly tubulin, refinement of preparation should facilitate further studies on mode of action of certain types of anthelmintics
- Biochemistry, Host**
Anderson N; Hansky J; Titchen DA
1981 Parasitology 82 (3) June 401-410 Wa
Ostertagia circumcincta-infected sheep, hypergastrinaemia
- Biochemistry, Host**
Briese LA; Smith MH
1980 J Mamm 61 (4) Nov 763-766 Wa
Mastophorus muris ascaroides in Sigmodon hispidus (stomach), rate of infection varies with host age but not with season or host sex, effect of parasitism on host body composition (15 elements plus fat, ash, and water content) appears to be slight: near Aiken, South Carolina
- Biochemistry, Host**
Czeczuga B; Urban E
1979 Bull Acad Polon Sc Cl II s Sc Biol 27 (7) 557-560 Wa
Dermanyssus gallinae, Menopon gallinae, carotenoids in parasites and in infected hen skin compared, β -carotene metabolism, lowered β -carotene (vitamin A source) in birds
- Biochemistry, Host**
Deas JE; Adler KA; Wilson LA
1981 Am J Trop Med and Hyg 30 (3) May 544-554 Wa
Plasmodium berghei, effect on membranes of murine erythrocytes, biochemical and immunological analyses, quantitative but not qualitative changes in membrane proteins and glycoproteins, no antigenic changes detected
- Biochemistry, Host**
El-Shobaki FA et al
1980 Tropenmed u Parasitol 31 (1) Mar 94-98 Wa
Schistosoma mansoni, S. haematobium, Egyptian patients with different degrees of complications, amino acid patterns in plasma and urine
- Biochemistry, Host**
Ette SI; Dickerson JWT
1979 Niger Med J 9 (3) Mar 361-365 Wm
Plasmodium berghei, effect of infection on serum proteins and trace element concentrations in rats offered peasant farmer's (low protein) diet
- Biochemistry, Host**
Findley AM; Blakeney EW jr; Weidner EH
1981 Biol Bull 161 (1) Aug 115-125 Wa
Ameson michaelis-infected Callinectes sapidus, parasite-induced alterations in biochemical composition of host tissues: Louisiana
- Biochemistry, Host**
Futter GJ et al
1981 J South African Vet Ass 52 (1) Mar 5-14 Wa
B[abesia] felis, cats (nat. and exper.) (blood), chemopathological changes, macroscopic and microscopic post mortem findings
- Biochemistry, Host**
Ghareeb AM et al
1979 Ain Shams Med J 30 (1-2) Jan-Mar 59-64 Wm
Schistosoma mansoni-infected mice vs. normal mice, changes in liver and brain enzyme activity and blood urea levels
- Biochemistry, Host**
Goldstein SM; Izaki S; Epstein WL
1979 Thromb Research 16 (5-6) 727-735 Wm
schistosomiasis-infected mice, inhibition of plasminogen activator associated with chronic granulomatous inflammation
- Biochemistry, Host**
Greichus A; Greichus YA
1980 Internat J Parasitol 10 (2) Apr 89-91 Wa
Ascaris lumbricoides suum, identification and quantification of some elements in nematodes and in swine tissue
- Biochemistry, Host**
de Gutierrez MV et al
1979 Acta Bioquim Clin Latinoam 13 (4) Dec 421-428 Wa
Chagas disease patients, cerebrospinal fluid, physical, cytological, chemical, and immunological analysis

- Biochemistry, Host
Haiba MH; Iskander AR
1979 Vet Med J Giza 26 (26) 1978 177-183 Is-
sued Aug 8 Wa
Ascaridia and Cotugnia-infected and uninfected
pigeons, hepatic vitamin A, carotene, serum
calcium, inorganic phosphorus, and magnesium
levels
- Biochemistry, Host
Hall JE; Seed JR
1981 Comp Biochem and Physiol 69B (4) 791-796
Wa
Trypanosoma brucei gambiense, acutely infected
mice, quantitation of aromatic amino acid ca-
tabolites in urine (presumably resulting from
trypanosome catabolism although induction of
host pathways may contribute), metabolic dis-
turbance could contribute to pathogenesis of
trypanosomiasis, may also prove to be useful
diagnostically
- Biochemistry, Host
Humphrey JD; Spradbery JP; Tozer RS
1980 Exper Parasitol 49 (3) June 381-397 Wa
Chrysomya bezziana, Brahman-cross steers
(exper.), gross and histopathology, clinical
syndrome, hematology and biochemistry, bacte-
riology
- Biochemistry, Host
Joseph A et al
1979 Bull Soc Path Exot 72 (1) Jan-Feb 40-50 Wa
Onchocerca volvulus and other filariasis (par-
ticularly Dipetalonema perstans), humans, sur-
vey (by age) of clinical and parasitological
parameters affecting host biochemistry (serum
proteins, immunoglobulins, vitamins, minerals):
Cameroun
- Biochemistry, Host
Katiyar JC; Gupta S; Sen AB
1980 Indian J Exper Biol 18 (11) Nov 1288-1290
Wa
Hymenolepis nana-infected rats, histamine
contents of intestines, possible role of
excess histamine with regard to immunity
and/or physiology
- Biochemistry, Host
Maines MD; Senft AW
1981 Am J Trop Med and Hyg 30 (5) Sept 1010-
1019 Wa
Schistosoma mansoni-infected mice, hepatic
heme biosynthesis and degradation, hepatic
hemoprotein content and mixed-function ox-
idase activities, mechanism of heme degrada-
tion, hemoprotein content of heart, serum and
urinary iron levels
- Biochemistry, Host
O'Kelly JC; Kennedy PM
1981 Brit J Nutrition 45 (3) May 557-566 Wa
Boophilus microplus, British and Africander x
British cattle, alterations in body metabolism
which would account for loss of body-weight due
to specific effect of tick infestation
- Biochemistry, Host
Patel NY; Youdeowei A; Odhiambo TR
1981 Insect Sc and Its Applic 1 (4) 383-387 Wa
Glossina morsitans morsitans, composition of
salivary gland secretion, findings discussed
in relation to nutritional requirements of
metacyclic forms of Trypanosoma brucei
- Biochemistry, Host
Roth EF jr
1981 Exper Parasitol 51 (1) Feb 116-123 Wa
Babesia microti, hamsters infected from human
source, subacute hemolytic anemia,
biochemistry and function of erythrocytes
(oxygen affinity, organic phosphate content,
reduced glutathione status)
- Biochemistry, Host
Sander BJ; Kruckeberg WC
1981 Exper Parasitol 52 (1) Aug 1-8 Wa
Plasmodium berghei-infected and normal mouse
erythrocytes, concentrations of glycolytic in-
termediates and related metabolites, data also
for uninfected mice with induced reticulocyto-
sis
- Biochemistry, Host
Sinha AK; Sahai BN; Prasad G
1978 Indian J Med Research 67 Jan 42-47 Wa
[Ancylostoma] duodenale, A. caninum, pups
(exper.), comparative histochemical study of
liver, lungs, and small intestine
- Biochemistry, Host
Steel JW; Symons LEA; Jones WO
1980 Austral J Agric Research 31 (4) July 821-
838 Wa
Trichostrongylus colubriformis-infected lambs,
interrelationships between level of exposure to
worms, production loss (liveweight gain, wool
growth), and host physiological and metabolic
changes associated with disease development
- Biochemistry, Host
Stringfellow F
1981 J Parasitol 67 (1) Feb 124-126 Wa
Ostertagia ostertagi, repellent effect of gas-
tric contents from uninfected calves for
sheathed and exsheathed larvae, may explain how
larvae localize only in abomasum
- Biochemistry, Host
Valli VEO et al
1980 Tropenmed u Parasitol 31 (3) Sept 288-298
Wa
Trypanosoma congolense in neonatal and 6-month-
old calves, quantitation of blood biochemical
changes (serum electrolytes and osmolality,
serum proteins, lipids, organ function tests)
- Biochemistry, Host
Vivares CP; Cuq JL
1981 J Invert Path 37 (1) Jan 38-46 Wa
Thelohania maenadis in Carcinus mediterraneus,
effect of infection on certain biochemical com-
ponents of hemolymph and tissues of host, ex-
perimental ecophysiological study ana-
lysing effect of variations in environmental
water temperature and salinity on proteinemia
and glucidic metabolism in healthy vs. parasiti-
zied crabs: Vic Lagoon, near Montpellier,
France
- Biochemistry, Host
Whitelaw DD et al
1980 Infect and Immun 27 (3) Mar 707-713 Wa
Trypanosoma congolense in susceptible mouse
strain vs. trypanotolerant mouse strain, host
survival, parasitemia and anemia, erythrocyte
survival, plasma and erythrocyte volumes,
blood biochemistry, immunoglobulin levels,
immunosuppression, infectivity neutralization
tests on sera, results indicate ability of
resistant mice to survive is dependent on hu-
moral antibody

- Biochemistry, Host**
Wong TCS; Desser SS
1980 Canad J Zool 58 (2) Feb 207-214 Wa
Leucocytozoon dubreuilii, Turdus migratorius (exper.), pathological alterations of parasitized and non-parasitized hepatocytes and renal proximal tubular cells, acid and alkaline phosphatase activities and glycogen distribution determined in parasite and in infected and non-infected host cells
- Biochemistry, Miscellaneous phyla**
Kulkarni GK; Nagabhushanam R
1977 Marathwada Univ J Sc (Nat Sc) 16 (9) 241-247 Wa
Poecilobdella viridis, biochemical constituents studied monthly to determine variability in course of reproductive cycle
- Biochemistry, Nematoda**
Czeczuga B
1981 Hydrobiologia 76 (1-2) Jan 5 13-15 Wa
Gordius aquaticus, presence of carotenoids in specimens from deep wells
- Biochemistry, Nematoda**
Greichus A; Greichus YA
1980 Internat J Parasitol 10 (2) Apr 89-91 Wa
Ascaris lumbricoides suum, identification and quantification of some elements in nematodes and in swine tissue
- Biochemistry, Nematoda**
Juhasz S; Kassai T
1981 Molec and Biochem Parasitol 3 (2) June 83-90 Wa
Nippostrongylus brasiliensis, somatic extracts contain protease inhibitor(s) capable of inhibiting activity of trypsin and chymotrypsin, partial purification and characterization
- Biochemistry, Nematoda**
Leutskaja ZK; Gerasimova NG
1978 Trudy Gel'mintol Lab Akad Nauk SSSR 28 108-115 Wa
Ascaris lumbricoides and other nematodes, steroids, partial review
- Biochemistry, Nematoda**
Rathaur S; Anwar N; Ghatak S
1980 Ztschr Parasitenk 62 (1) 85-93 Wa
Setaria cervi, microfilariae and adults, biochemical composition
- Biochemistry, Nematoda**
Sood ML; Kapur J
1980 J Helminth 54 (4) Dec 253-254 Wa
Haemonchus contortus adults, inorganic elements, sex differences
- Biochemistry, Nematoda**
Trimble JJ III; Thompson SA
1980 Cell and Tissue Research 205 (1) Jan 55-65 Wa
Ascaris suum, intestinal epithelium, strong electronegative charge on microvillar surface and basal membrane believed due to carboxyl groups of uronic acid and/or acidic amino acids
- Biochemistry, Protozoa**
Aley SB; Scott WA; Cohn ZA
1980 J Exper Med 152 (2) Aug 1 391-404 Wa
Entamoeba histolytica, plasma membrane, isolation and some properties
- Biochemistry, Protozoa**
Arroyo-Begovich A; Carabez-Trejo A; Ruiz-Herrera J
1980 J Parasitol 66 (5) Oct 735-741 Wa
Entamoeba invadens, cyst wall, isolation and purification, demonstration of microfibrillar component and its identification as chitin
- Biochemistry, Protozoa**
Bacchi CJ
1981 J Protozool 28 (1) Feb 20-27 Issued June 18 Wa
trypanosomatids, polyamines, content, biosynthesis, function, potential as critical drug targets, symposium presentation
- Biochemistry, Protozoa**
Bienen EJ; Hammadi E; Hill GC
1981 Exper Parasitol 51 (3) June 408-417 Wa
Trypanosoma brucei brucei, reproducible in vitro system for study of transformation of bloodstream to procyclic-trypanosomatids, morphological changes, nutritional requirements, respiration
- Biochemistry, Protozoa**
Colli W; Andrews NW; Zingales B
1981 2 Internat Cong Cell Biol (Berlin (West) Aug 31-Sept 5 1980) 401-410 Wm; Wa
Trypanosoma cruzi, overall chemical composition of epimastigote plasma membrane, surface glycoproteins, binding of host proteins to surface, attempts to discriminate between adhesion and penetration to in vitro cultured mammalian cells, review
- Biochemistry, Protozoa**
Dwyer DM
1980 J Protozool 27 (2) May 176-182 Issued July 17 Wa
Leishmania donovani promastigotes, surface membranes, technique for isolation, partial characterization
- Biochemistry, Protozoa**
Dwyer DM; D'Alessandro PA
1980 J Parasitol 66 (3) June 377-389 Wa
Trypanosoma lewisi bloodstream forms, pellicular membrane-microtubule complexes, isolation and characterization
- Biochemistry, Protozoa**
Franco da Silveira J; Colli W
1981 Biochim et Biophys Acta 644 (2) June 22 341-350 Wm
Trypanosoma cruzi, chemical composition of plasma membrane from epimastigote forms
- Biochemistry, Protozoa**
Gutteridge WE
1981 Tr Roy Soc Trop Med and Hyg 75 (4) 484-492 Wa
Trypanosoma cruzi, recent biochemical advances, review (methodology, biochemical composition, catabolic metabolism, anabolic metabolism)
- Biochemistry, Protozoa**
Hirayama K et al
1980 Biochim et Biophys Acta 612 (2) Apr 11 337-343 Wa
Crithidia fasciculata, detection of dihydropteridine reductase and tetrahydropterin

Biochemistry, Protozoa

James S
1980 Parasitology 80 (2) Apr 301-312 Wa
Eimeria necatrix, E. tenella, isolation of second-generation schizonts and their use in biochemical investigations (ability to metabolize radio-labelled glucose and accumulate thiamine against concentration gradient, characterization of serine hydroxymethyl transferase activity which is significantly different from that of host tissue)

Biochemistry, Protozoa

Johnson AM; McDonald PJ; Neoh SH
1981 Biochem and Biophys Research Commun 100 (3) June 16 934-943 Wa
Toxoplasma gondii, molecular weight analysis of major polypeptides and glycopeptides

Biochemistry, Protozoa

Kazakauskaitė IaS
1980 Tsitologija 22 (7) July 850-855 Wa
Sarcocystis ovifelis, cysts and cyst stages (merozoites), morphology, cytochemistry

Biochemistry, Protozoa

de Lederkremer RM et al
1980 FEBS Letters 116 (1) July 14 25-29 Wm
Trypanosoma cruzi, evidence for presence of D-galactofuranose in lipopeptidophosphoglycan modification and tritium labeling

Biochemistry, Protozoa

de Lederkremer RM et al
1980 Medicina Buenos Aires 40 Suppl (1) 245-247 Wm
Trypanosoma cruzi, lipopeptidophosphoglycan, variation of the sphingosine bases

Biochemistry, Protozoa

Mancini PE; Patton CL
1981 Molec and Biochem Parasitol 3 (1) May 19-31 Wa
Trypanosoma brucei brucei, parasite strain-related pattern of cyclic 3',5'-adenosine monophosphate changes during parasite developmental cycle in normal and immunosuppressed rats, possible regulatory role of cyclic AMP in differentiation of trypanosomes

Biochemistry, Protozoa

Morrow CD; Flory B; Krassner SM
1980 Comp Biochem and Physiol 66B (2) 307-311 Wa
Leishmania donovani, polyamine changes during transformation, evidence for spermine in amastigote stage; ornithine decarboxylase activity in all stages

Biochemistry, Protozoa

Morrow CD; Flory-Granger B; Krassner SM
1981 Comp Biochem and Physiol 69A (1) 65-72 Wa
Leishmania donovani, effect of ionophores A23187 and X-537A (lasalocid) and of divalent cations Ca^{2+} , Ba^{2+} , and Mn^{2+} on amastigote to promastigote transformation

Biochemistry, Protozoa

Reeves RE; Guthrie JD; Lobelle-Rich P
1980 Exper Parasitol 49 (1) Feb 83-88 Wa
Entamoeba histolytica, isolation and properties of ferredoxin (low molecular weight iron-sulfur protein)

Biochemistry, Protozoa

Rovis L; Baekkeskov S
1980 Parasitology 80 (3) June 507-524 Wa
Trypanosoma brucei, subcellular fractions, isolation, partial purification, chemical and enzymatic characterization, special emphasis on plasma membranes

Biochemistry, Protozoa

Sander BJ; Kruckeberg WC
1981 Exper Parasitol 52 (1) Aug 1-8 Wa
Plasmodium berghei-infected and normal mouse erythrocytes, concentrations of glycolytic intermediates and related metabolites, data also for uninfected mice with induced reticulocytosis

Biochemistry, Protozoa

Sherman IW
1979 Microbiol Rev 43 (4) Dec 453-495 Wa
Plasmodium, life cycle, biochemical determinants of parasite specificity for host cells, morphology and growth of blood stages, morphological alterations of infected cells, membrane structure and function in malaria, metabolic pathways (carbohydrate transport and metabolism; nucleic acids; protein synthesis; lipid biosynthesis; vitamins and cofactors; cation alterations), review

Biochemistry, Protozoa

Smith GM; Pettigrew GW
1980 European J Biochem 110 (1) Sept 1 123-130 Wm
Crithidia oncopelti, identification of N, N-dimethylproline as N-terminal blocking group of cytochrome c557

Biochemistry, Protozoa

Souto-Padron T et al
1980 Ztschr Parasitenk 62 (2) 127-143 Wa
Leptomonas samueli, promastigotes, fine structure, cytochemistry

Biochemistry, Protozoa

de Souza W; Souto-Padron T
1980 J Parasitol 66 (2) Apr 229-235 Wa
Trypanosomatidae spp., flagellum, fine structure and cytochemistry, paraxial structure

Biochemistry, Protozoa

Takahashi Y; Sherman IW
1980 Exper Parasitol 49 (2) Apr 233-247 Wa
Plasmodium lophurae, lectin-mediated agglutination of infected red cells, cytochemical fine-structure detection of lectin binding sites on parasite and host cell membranes

Biochemistry, Protozoa

Wong TCS; Desser SS
1980 Canad J Zool 58 (2) Feb 207-214 Wa
Leucocytozoon dubreuilii, Turdus migratorius (exper.), pathological alterations of parasitized and non-parasitized hepatocytes and renal proximal tubular cells, acid and alkaline phosphatase activities and glycogen distribution determined in parasite and in infected and non-infected host cells

Biochemistry, Trematoda

Barrett J; Lloyd GM
1981 Parasitology 82 (1) Feb 11-16 Wa
Schiostoccephalus solidus plerocercoids, possession of taurocyamine phosphotransferase but no detectable phosphagens; neither phosphagens nor phosphagen phosphotransferase activity detected in Fasciola hepatica, Hymenolepis diminuta, Moniezia expansa, or Ligula intestinalis

- Biochemistry, Trematoda**
 Fried B; Butler CS
 1979 Rev Iber Parasitol 39 (1-4) Jan-Dec 395-400
 Wa
Fasciola hepatica metacercariae, chemical excystation, development on chorioallantoic membrane, histochemical and thin layer chromatographic analyses of neutral lipids
- Biochemistry, Trematoda**
 Gaur AS; Agarwal SM
 1980 Indian J Exper Biol 18 (12) Dec 1518-1519
 Wa
Paramphistomum cervi, quantitative studies of total protein, glycogen, lipids, cholesterol, and inorganic K, Na, and Ca, qualitative studies on free amino acids and sugars
- Biochemistry, Trematoda**
 Goil MM
 1980 Ztschr Parasitenk 61 (3) 271-275 Wa
Fasciola gigantica, *Paramphistomum explanatum*, presence of 3 phosphagens, phosphokinases involved in transphosphorylation of these phosphagens studied in terms of specific activity and response to certain important inhibitors
- Biochemistry, Trematoda**
 Kanwar U; Agrawal M; Nath V
 1980 Zool Polon 28 (2) 189-198 Wa
Gastrothylax crumenifer, *Ceylonocotyle dawesi*, non-enzymatic components in ovary, cytochemical analysis
- Biochemistry, Trematoda**
 Kanwar U; Kansal M
 1980 J Helminth 54 (4) Dec 263-266 Wa
Paramphistomum epiclitum, *Paradistomoides orientalis*, prostate glands, cytochemistry
- Biochemistry, Trematoda**
 Lutz PL; Iversen ES; Tocci PM
 1981 J Parasitol 67 (2) Apr 280-281 Wa
Hirudinella ventricosa, protonephridial fluid, pH, chloride ion concentration, osmotic pressure, amino acid composition
- Biochemistry, Trematoda**
 Siddiqui AA; Nizami WA
 1981 J Helminth 55 (2) June 89-93 Wa
Clinostomum complanatum, metacercariae, biochemical composition and carbohydrate metabolism
- Biochemistry, Trematoda**
 Simpson AJG et al
 1981 Parasitology 83 (1) Aug 163-177 Wa
Schistosoma mansoni, tegumental outer membrane of adult worms, method for isolation, partial biochemical and morphological characterization
- Biogeography** See Geographic distribution
- Biological clocks** See Periodicity
- Biological control**
 Akhtar R; Hayes CG; Baqar S
 1981 J Parasitol 67 (4) Aug 571-573 Wa
Nosema algerae-infected and uninfected *Culex tritaeniorhynchus*, comparison of susceptibility to infection with West Nile virus and of ability to transmit virus; results indicate that if *N. algerae* were used as biological control agent for anopheline vectors of malaria in Pakistan, the infection of *C. tritaeniorhynchus* with this parasite should not result in increased level of West Nile virus activity
- Biological control**
 Anderson RM; May RM
 1980 Science (4470) 210 Nov 7 658-661 Wa
 infectious diseases (including protozoa) and population cycles of forest insects, models combining elements of conventional epidemiology with dynamic elements drawn from predator-prey studies
- Biological control**
 Andreadis TG
 1980 J Invert Path 35 (3) May 229-233 Wa
Nosema pyrausta, a parasite of *Ostrinia nubilalis*, may limit or prevent establishment of *Macrocercus grandii* populations in *Ostrinia nubilalis*: Hamden, Connecticut
- Biological control**
 Asitinskaia SE
 1975 Parazitologija Leningrad 9 (5) Sept-Oct 432-433 Wa
Ascaris suum, role of various mollusks as benthos components in ridding water bodies of eggs
- Biological control**
 Ataur-Rahim M
 1981 Ann Trop Med and Parasitol 75 (3) June 359-362 Wa
Aphanius dispar (cyprinodontid fish) will eat mosquito larvae, possible practical value in mosquito control and anti-malarial work in Saudi Arabia
- Biological control**
 Bailey DL et al
 1980 Am J Trop Med and Hyg 29 (1) Jan 141-149 Wa
 technique for mass rearing genetically-altered MACHO strain of *Anopheles albimanus* that produces virtually all males
- Biological control**
 Balaraman K; Jambulingam P; Rajagopalan PK
 1981 Indian J Med Research 73 Suppl Jan 160-162
 Wa
Metarrhizium anisopliae, highly entomotoxic to local strains of *Culex filariasis* vectors and *Anopheles malaria* vectors in Pondicherry, India
- Biological control**
 Bartoli P
 [1975] Bull Soc Zool France 99 (4) 1974 551-559
 Issued Feb 28 Wa
Gymnophallus choledochus in *Nereis diversicolor*, competitive exclusion by experimental infection with *G. nereicola*: Calvados (Manche)
- Biological control**
 Bedding RA; Miller LA
 1981 Environment Entom 10 (4) Aug 449-453 Wa
Neoaplectana bibionis, use for disinfecting blackcurrant cuttings of *Synanthedon tipuliformis*, considerably more effective than *N. carpocapsae* or *Heterorhabditis heliothidis*, feasible for commercial scale use
- Biological control**
 Brooks WM et al
 1980 J Invert Path 35 (1) Jan 93-95 Wa
 microsporidiosis of soybean beetle pests
- Biological control**
 Bullini L
 1977 Parassitologia 19 (3) Dec 175-180 Wa
 insect vectors, biological and genetic control methods, review

- Biological control
Burman M; Pye AE
1980 *Exper Parasitol* 49 (2) Apr 258-265 Wa
Neoalectana caropcapsae, movements of infective juveniles on thermal gradient, implications for dispersion and infection of insect larvae in field
- Biological control
Castello JA; Gil Rivas MJJ
1980 *Medicina Buenos Aires* 40 (6 pt 1) Nov-Dec 673-677 Wm
Tarentola mauritanica (Moorish gecko) as possible biological control agent for *Triatoma infestans* vector of human Chagas infections: Argentina
- Biological control
Chi LW
1975 *Veliger* 18 (1) July 1 95-98 Wm
Oncomelania hupensis, techniques used for mass control (environmental, chemical, and biological) in The People's Republic of China
- Biological control
Chiu JK et al
1981 *Internat J Parasitol* 11 (5) Oct 391-397 Wa
Schistosoma japonicum, susceptibility of *Oncomelania hupensis formosana* recombinants and hybrids with *O. h. nosophora* to infection with 3 parasite strains, possibility of using *O. h. formosana* in biological control of *S. japonicum*
- Biological control
Cornelissen AWCA et al
1979 *Acta Leidensia* 47 79-88 Wa
Plasmodium berghei berghei, 'wild strain' of *Anopheles atroparvus* vs. introduced *Plasmodium*-refractory strain, survival and fecundity, laboratory studies
- Biological control
Creighton CS; Fassuliotis G
1980 *J Econom Entom* 73 (2) Apr 296-300 Wa
Filipjevimermis leipsandra, seasonal population fluctuations, viability, infectivity, and potential as a biological control agent of *Diabrotica balteata*: Charleston, S.C.
- Biological control
Crystal MM
1979 *J Med Entom* 15 (2) Feb 8 103-108 Wa
Cochliomyia hominivorax sterilization, optimum combination of dose, age, and developmental stage at time of irradiation that would not affect mating competitiveness and longevity
- Biological control
Curtis CF; Suya TB
1981 *Ann Trop Med and Parasitol* 75 (1) Feb 101-106 Wa
Culex quinquefasciatus, variations in cytoplasmic incompatibility properties, implications for possible biological control methods for filariasis
- Biological control
DeVaney JA; Beerwinkle KR
1980 *Poultry Science* 59 (6) June 1226-1228 Wa
Ornithonyssus sylviarum, White Leghorn chickens (exper.), effective control on hens but not roosters by clipping feathers in vent area to 2-3 mm length, effect on egg production
- Biological control
DeVaney JA; Beerwinkle KR
1980 *Poultry Science* 59 (10) Oct 2198-2201 Wa
Ornithonyssus sylviarum, off-host survival, manipulation of ambient temperature and humidity would be effective in exterminating mites on inanimate objects, microwave irradiation had no lethal effect
- Biological control
Dhillon MS; Mulla MS; Platzer EG
1980 *Mosquito News* 40 (4) Dec 531-535 Wa
Romanomermis culicivora, evaluation against *Culex quinquefasciatus* and *Culiseta incidens* in laboratory and in cemetery vases, not effective as control agent in cemetery vases: southern California
- Biological control
Dixit RS; Sachdeva NL; Varma BD
1981 *Indian J Med Research* 73 Suppl Jan 155-159 Wa
Gambusia affinis, larvivorous efficacy studied under simulated field conditions, use of the fish recommended as a biological agent in tanks, ponds, and wells to control larvae of *Anopheles*, *Culex*, and *Aedes malaria* vectors
- Biological control
Ellis RA; Chapman HC
1980 *Mosquito News* 40 (1) Mar 115-116 Wa
Diximermis [sp.], probably *peterseni*, potential for biological control of anophelines: Quebec
- Biological control
Etzel LK; Levinson SO; Andres LA
1981 *Environment Entom* 10 (2) Apr 143-146 Wa
Nosema sp., elimination from quarantine culture of *Galeruca rufa* (potential biological control agent for field bindweed), brief review of protozoan diseases in insects studied for biological control of weeds
- Biological control
Ewen AB; Mukerji MK
1980 *J Invert Path* 35 (3) May 295-303 Wa
Nosema locustae, field trial evaluation as grasshopper control agent, infectivity, host age factors, effect on populations and reproductive potential: Saskatchewan, Canada
- Biological control
Fedorko A
1979 *Bull Acad Polon Sc Cl II s Sc Biol* 27 (11) 959-961 Wa
Fristionchus uniformis (parasite of Colorado beetle), 2 herbicides did not cause death of nematode but did have some effect on development
- Biological control
Finney JR; Mokry JE
1980 *J Invert Path* 35 (2) Mar 211-213 Wa
Romanomermis culicivora, experimental infection of *Simulium verecundum* and *S. vittatum* in moving-water system, not practical for serious biological control
- Biological control
Finney JR; Mokry JE
1980 *Mosquito News* 40 (3) Sept 440-441 Wa
Romanomermis nielsenii, evaluation of mosquito species for use in in vivo cultivation of this mermithid and extension of list of mosquitoes susceptible to infection as possible candidates for biological control

- Biological control
Geetha Bai M et al
1979 Indian J Med Research 70 Oct 620-624 Wa
Nosema algerae in Anopheles stephensi (nat. and exper.), relationship between spore density and infection rate, insemination rates, fecundity, and longevity compared with non-infected mosquitoes, susceptibility of different mosquito species to infection, possible biological control agent: Pondicherry
- Biological control
Graber M; Euzéby J; Gevrey J
1980 Hydrobiologia 71 (1-2) May 27 131-135 Wa
Helisoma duryi may be useful in biological control of Biomphalaria glabrata (vector of Schistosoma mansoni)
- Biological control
Graber M; Euzéby J; Gevrey J
1980 Hydrobiologia 71 (1-2) May 27 163-167 Wa
Helisoma duryi not promising as biological control agent for Biomphalaria pfeifferi (vector of Schistosoma mansoni), Bulinus truncatus sericinus (vector of S. haematobium, S. bovis, and Paramphistomum microbothrium), and Limnea natalensis (vector of Fasciola gigantica)
- Biological control
Graber M; Thomasset R; Euzéby J
1979 Rev Iber Parasitol 39 (1-4) Jan-Dec 411-454 Wa
Schistosoma mansoni, biological control of Biomphalaria glabrata vectors with predators, competitive aquatic animals, toxogenic algae, and infectious agents; method for laboratory breeding of vectors
- Biological control
Hamon J
1981 Parasitology 82 (4) July 117-129 Wa
control of vectors by parasites and pathogens, Workshop Proceedings, 3. European Multicolloquium of Parasitology
- Biological control
Haq N; Reisen WK; Aslamkhan M
1981 J Invert Path 37 (3) May 236-242 Wa
Nosema algerae in Anopheles stephensi (exper.), effects of different spore dosages on horizontal life table attributes of mosquitoes reared under controlled insectary conditions, implications for biological control of this malaria vector mosquito
- Biological control
Henry JE
1981 Ann Rev Entom 26 49-73 Wa
Protozoa, natural and applied control of insects, review
- Biological control
Henry JE et al
1979 J Invert Path 34 (2) Sept 125-132 Wa
Nosema acridophagus, N. cuneatum, comparison of infection in Heliothis zea and Melanoplus sanguinipes, virulence and spore production
- Biological control
Hostounsky Z; Weiser J
1978 Vestnik Ceskoslov Spolec Zool 42 (2) May 112-114 Wa
Pleistophora grossa sp. n. in chrysomelid beetles, development, not useful for field application
- Biological control
Jayasekera N et al
1980 Tropenmed u Parasitol 31 (4) Dec 507-511 Wa
Wuchereria bancrofti, strains from Liberia and Sri Lanka differ in their ability to infect different strains of Culex quinquefasciatus, concluded that Liberian C. quinquefasciatus could not provide genes for use in construction of refractory strain intended for replacement of Sri Lankan vector populations
- Biological control
Jordan P; Christie JD; Unrau GO
1980 Acta Trop 37 (2) June 95-135 Wa
schistosomiasis transmission, review with particular reference to possible ecological and biological methods of control
- Biological control
Kawazoe U et al
1980 Rev Saude Pub S Paulo 14 (1) Mar 65-87 Wm
Biomphalaria glabrata, B. tenagophila, competitive behavior in 3 natural breeding sites with tendency for B. glabrata to be excluded, exact mechanism of phenomenon not determined: Ourinhos, Sao Paulo, Brasil
- Biological control
Kaya HK
1980 J Invert Path 35 (1) Jan 20-25 Wa
Neoaplectana carpcapsae, granulosis virus in intestine, virus infectivity retained after formaldehyde or high pH treatment of nematode
- Biological control
Kaya HK; Hara AH
1980 J Invert Path 36 (3) Nov 389-393 Wa
Neoaplectana carpcapsae and its associated bacterium, infectivity to 3 species of lepidopterous pupae
- Biological control
Kaya HK; Hotchkiss PG
1981 Environment Entom 10 (4) Aug 474-478 Wa
Neoaplectana carpcapsae, effect on selected ichneumonid and braconid parasites; detrimental effects on beneficial insect parasites should not preclude development of N. carpcapsae as biological control agent
- Biological control
Kechemir N
1980 Ann Parasitol 55 (1) Jan-Feb 68 Wa
Echinoparyphium combesi sp. n., life cycle, sterilization of Bulinus truncatus (vector of Schistosoma haematobium): Algeria
- Biological control
Kelly JF; Anthony DW
1979 J Invert Path 34 (2) Sept 164-169 Wa
Nosema algerae, susceptibility of spores to sunlight and germicidal ultraviolet radiation, incidence and intensity of infection in Anopheles albimanus (exper.)
- Biological control
Kelly JF; Anthony DW; Dillard CR
1981 J Invert Path 37 (2) Mar 117-122 Wa
Vavraia culicis, susceptibility in mosquitoes (exper.), dosage-effect studies, mass production of spores in Heliothis zea (exper.), viability of spores following exposure to sunlight, potential biological control agent

Biological control

Khalil GM; Abdu RM
1979 J Med Entom 16 (4) Nov 7 339-342 Wa
Argas arboreus, effect of substerilizing doses of gamma radiation on male fertility, female fecundity, and progeny, results suggest substerilizing doses induce delayed lethal genes

Biological control

Khalil GM; Abdu RM; Shanbaky NM
1980 Ztschr Parasitenk 62 (2) 113-118 Wa
Argas arboreus, effect of gamma radiation on survival of first nymphal instar and on adult fertility

Biological control

Krafsur ES; Hightower BG; Vargas M
1980 J Med Entom 17 (3) May 31 235-241 Wa
Cochliomyia hominivorax, variation of release indices to test hypothesis that increasing the probability of sterile male placement into mating locations results in greater sterile mating frequencies among target populations, data are consistent with hypothesis: Veracruz, Mexico

Biological control

Kuris AM
1980 Internat J Parasitol 10 (1) Feb 21-25 Wa
Echinostoma liei miracidia, infectivity for Biomphalaria glabrata, effect of echinostome egg age, habitat heterogeneity, and water quality and volume, results enhance competitive potential of echinostomes as possible biological control agents for Schistosoma mansoni

Biological control

Kuris AM
1980 Internat J Parasitol 10 (4) Aug 303-308 Wa
Echinostoma liei, effect of exposure to miracidia on growth and survival of young (1-2mm) vs. 4-6mm Biomphalaria glabrata, implications for use of E. liei for biological control of Schistosoma mansoni and its intermediate host

Biological control

Kuris AM; Warren J
1980 J Parasitol 66 (4) Aug 630-635 Wa
Echinostoma liei, mortality of previously uninfected second intermediate host Biomphalaria glabrata of different ages following exposure to cercarial penetration, relative role of cercarial penetration vs. presence of encysted metacercariae in pericardial sac, observations on cercarial infectivity and host searching; results suggest echinostome penetration and encystment may be unlikely to contribute much to population control of these snails in nature

Biological control

Lai PF; Canning EU
1980 Internat J Parasitol 10 (4) Aug 293-301 Wa
Nosema algerae derived from Anopheles stephensi, replication in Pieris brassicae, susceptibility of Schistosoma mansoni to infection in relation to spore dose and age of trematodes, effect of infection on cercaria production, histology

Biological control

Laird M
1980 Advances Vet Sc and Comp Med 24 145-177 Wa
biological control of pests and vectors of veterinary and public health significance, review

Biological control

Laumond C; Mauleon H; Kermarrec A
1979 Entomophaga 24 (1) 13-27 Wa
Neoaeplectana carpocapsae, host range studied in 128 insects collected in Antibes, Guadeloupe, and Madagascar, experimental infections under controlled laboratory conditions, virulence and rapidity of parasite development in host, possible biological control agent

Biological control

Loker ES; Moyo HG; Gardner SL
1981 Parasitology 83 (2) Oct 381-399 Wa
trematode-gastropod associations in 9 non-lacustrine habitats, prevalence of infection, seasonal changes; high prevalence of 2 xiphidiocercariae may alter transmission patterns of Fasciola gigantica and Schistosoma mansoni; findings discussed in relation to biological control of trematode diseases: Mwanza region of Tanzania

Biological control

Lublinkhof J; Lewis LC
1980 Environment Entom 9 (1) Feb 67-71 Wa
Nosema pyrausta, percentage and intensity of infection in Ostrinia nubialis larvae when treated with combination of N. pyrausta and insecticides under field and laboratory conditions

Biological control

McCullough FS
1981 Acta Trop 38 (1) Mar 5-13 Wa
Schistosoma, biological control of snail intermediate hosts of human spp.. review of present status and future prospects

Biological control

Milner RJ; Lutton GG
1980 J Invert Path 36 (2) Sept 198-202 Wa
Pleistophora oncoperae in Oncopera alboguttata, incidence by host age and sex, no adverse effects on duration of larval and pupal development, adult life span, number of eggs laid, or fecundity; transovum transmission, role in biological control

Biological control

Milstead JE
1980 J Invert Path 35 (3) May 256-259 Wa
Heterorhabditis bacteriophora and its associated bacterium causing inhibited silk production in Galleria mellonella seventh-instar larvae (exper.)

Biological control

Milstead JE
1980 J Invert Path 35 (3) May 260-264 Wa
Heterorhabditis bacteriophora and its associated bacterium, pathophysiological influences on Schizura concinna fifth-instar larvae (exper.): decreased feeding rate, larval wet weight, and frass production

Biological control

Molloy D; Gaugler R; Jamnback H
1980 J Invert Path 36 (3) Nov 302-306 Wa
Neoaeplectana carpocapsae in Simulium spp. larvae (exper.), pathogenicity, laboratory assays, potential as blackfly biocontrol agent

Biological control

Nasir P
[1980] Riv Parassitol Roma 40 (1-2) 1979 13-22
Issued Feb Wa
Schistosoma mansoni, biological control by predation of both molluscs and parasite and intra-molluscan interspecific trematode antagonism, review of literature and present research efforts

Biological control

Nassi H
1980 Ann Parasitol 55 (1) Jan-Feb 41-55 Wa
Petasiger caribbensis n. sp., life cycle, sterilization of Biomphalaria glabrata (vector of Schistosoma mansoni): Guadeloupe

Biological control

Nassi H; Bayssade-Dufour C
1980 Ann Parasitol 55 (5) Sept-Oct 527-540 Wa
Clinostomum golvani n. sp., life cycle, sterilizes Biomphalaria glabrata (intermediate host of Schistosoma mansoni), first chaetotaxic description of cercaria of Clinostomidae

Biological control

Nickle WR
1979 Proc Helminth Soc Washington 46 (1) Jan 21-27 Issued Mar 14 Wa
Romanomermis culicivorax, field releases and possible natural occurrence in mosquito breeding areas, percent parasitism and mosquito mortality, overwintering, unsuccessful attempt to infect Simulium vittatum, compatibility with malathion and altocid but not abate: Maryland

Biological control

Owczarzak A; Stibbs HH; Bayne CJ
1980 J Invert Path 35 (1) Jan 26-33 Wa
Schistosoma mansoni mother sporocysts destroyed in vitro by penetrating amoebae, Nuclearia sp., isolated from Biomphalaria glabrata, ultrastructural study, possible role in snail resistance to S. mansoni

Biological control

Pant CP et al
1981 Bull World Health Organ 59 (3) 325-333 Wa
malaria, progress in vector control, review

Biological control

Petersen JJ
1981 J Invert Path 37 (3) May 290-294 Wa
Octomyomermis muspratti, infectivity for Culex pipiens over range of salinities and dilutions of organically rich tree-hole water (comparison with Romanomermis culicivorax), effect of host diet, host density, and worm burden on parasite male-female sex ratios, longevity of laboratory cultures subjected to continual intermittent floodings, advantages of O. muspratti over R. culicivorax as potential biological control agent for mosquitoes

Biological control

Pflueger W; Roushdy MZ
1980 Ztschr Parasitenk 63 (3) 287-288 Wa
Helisoma duryi, possible use as biological control agent of schistosomiasis vector snails: Qaha, Egypt

Biological control

Platzer EG; Mackenzie-Graham LL
1980 Mosquito News 40 (2) June 252-257 Wa
Romanomermis culicivorax, predation of pre-parasitic stages by Cyclops vernalis under laboratory conditions, high densities of copepods in mosquito infested waters may interfere with mosquito control by R. culicivorax

Biological control

Poinar GO jr; Hislop RG
1981 IRCS J Med Sc 9 (7) July 641 Wa
Neoaplectana carpocapsae and Heterorhabditis heliothidis causing mortality in Mediterranean fruit fly (Ceratitis capitata) (exper.) (body cavity), possible use of nematodes in an integrated field control program

Biological control

Pye AE; Burman M
1981 Exper Parasitol 51 (1) Feb 13-20 Wa
Neoaplectana carpocapsae, nematode accumulations on chemical and bacterial gradients, results may help understand infection processes and provide tools for enhancing spread of nematode to targeted pest insects

Biological control

Rajagopalan PK
1981 Indian J Med Research 73 Suppl Jan 163-173 Wa
protozoa and nematodes as candidate biological agents of mosquito vectors of malaria and other human infections, general review

Biological control

Rondelaud D
1981 Ann Parasitol 56 (1) 45-56 Wa
Lymnaea truncatula, biological control by predatory snails, positive and negative results, reasons for negative results: Haute-Vienne, France

Biological control

Rubtsov IA
1975 Parazitologia Leningrad 9 (3) May-June 299-300 Wa
some problems in the study of mermithids for biological control of simuliids

Biological control

Rubtsov IA; Polevik NL
1979 Vestnik Zool Akad Nauk Ukrainsk SSR Inst Zool (3) May-June 16-19 Wa
Neoaplectana tabanivora sp. n., possible biological control agent for gad flies: Chernigovsk obl. at s. Krasnoe

Biological control

Service MW; Elouard JM
1980 Bull Entom Research 70 (4) Dec 657-663 Wa
Simulium damnosum complex (vectors of Onchocerca volvulus), serological identification of natural predators of larvae and pupae: Ivory Coast

Biological control

Sexton S
1979 3 Austral Applied Entom Research Conf (Lawes Queensland June 11-15) 2(a)4-6 Wa
Nosema locustae in some Australian acridids (exper.), infectivity tests, potential biological control agent; preliminary field trials against Phaulacridium vittatum populations

- Biological control
Shanbaky NM; Khalil GM; Abdu RM
1979 J Med Entom 16 (2) Sept 28 116-120 Wa
Argas arboreus, effects of different doses of gamma radiation on fertility and longevity of males and females, implications for sterile release programs
- Biological control
Shcherbak VP; Lysikova EA; Abduganiev K
1977 Uzbek Biol Zhurnal (6) 60-62 Wa
Eurymermis tuberculata in Tabanus leleani larvae (body cavity), pathology, possible biological control: Zaaminsk region, Dzhizaksk oblast, Uzbekistan
- Biological control
Simons WR
1980 Integrated Control Insect Pests Netherlands 275-278 Wa
Neoaplectana carpocapsae as biological control of insect pests, results of pot and field trials, future outlook: Netherlands
- Biological control
Smith DH
1977 J Med Entom 14 (2) Nov 25 137-145 Wa
Cuterebra approximata in Peromyscus maniculatus and other rodent species, incidence, univoltine life cycle, localization, bimodal seasonal occurrence, effect of egg age, photoperiod, temperature, and ecdysone injections on development, lack of immune response, disparity in adult fly sex ratios, implications of high host specificity and mortality rate for use in biological control, laboratory and field studies: Missoula, Montana
- Biological control
Smith PH et al
1981 Bull Entom Research 71 (1) Mar 1-10 Wa
Lucilia cuprina, assessment of quality of mass-reared males treated with dieldrin as larvae in female-killing procedure, further studies needed before commitment is made to use female-killing system in major program of genetic control
- Biological control
Sneller VP
1979 J Invert Path 34 (1) July 62-70 Wa
Ascocystis culicis in Aedes aegypti, pathology; gregarine infections may be useful in reducing aedine mosquito populations in areas endemic for heartworm, may interrupt transmission of Dirofilaria immitis
- Biological control
Sodeman WA jr; Rodrick GE; Vincent AL
1980 Am J Trop Med and Hyg 29 (2) March 319 Wa
lampyrid larva (Coleoptera) found to be natural predator of schistosome vector snails (Biomphalaria pfeifferi and Bulinus globosus) in Liberia, West Africa
- Biological control
Streett DA; Ralph D; Hink WF
1980 J Protozool 27 (1) Feb 113-117 Issued Apr 28 Wa
Nosema algerae (potential biological control agent), replication in 3 insect cell lines
- Biological control
Subra R
1981 Insect Sc and Its Applic 1 (4) 319-338 Wa
Culex pipiens quinquefasciatus (vector of Wuchereria bancrofti), biology and control (including attempts at biological control by parasites), review with special reference to Africa
- Biological control
Takaoka H
1980 Am J Trop Med and Hyg 29 (3) May 467-472 Wa
parasites and pathogens in larval blackflies and their possible significance as regulatory factors upon natural populations of 3 onchocerciasis vectors: Guatemala
- Biological control
Thompson GD et al
1981 Experientia 37 (2) Feb 15 127-128 Wa
Boophilus annulatus, B. microplus, male offspring resulting from interspecific crosses are sterile, hybrid females produce sterile sons through 3 backcross generations, sustained infertility of hybrid males may provide mechanism that could be utilized in control program
- Biological control
Van der Vloedt AMV et al
1980 Insect Sc and Its Applic 1 (1) 105-112 Wa
trypanosomiasis, experimental helicopter applications of decamethrin followed by release of sterile males for control of riverine vectors in Upper Volta
- Biological control
Whitten CJ
1980 Ann Entom Soc Am 73 (1) Jan 15 7-10 Wa
Cochliomyia hominivorax, isozyme technique to assess the quality of mass-reared sterile flies released in the Screwworm Eradication Program 1975-1976; direct correlation between average daily temperature and frequencies of heterozygous α -glycerophosphate dehydrogenase genotypes among native and post-release flies: Texas
- Biological control
Willis OR; Chapman HC; Petersen JJ
1980 Mosquito News 40 (1) Mar 71-73 Wa
Romanomermis culicivorax extremely effective against larvae of Anopheles albimanus: coastal area, El Salvador
- Biological control
Wilson GG
1980 Proc Entom Soc Ontario 110 1970 97-99 Issued Sept Wa
Nosema disstriae in Malacosoma disstria (ex-per.), adverse effects upon pupal weights, adult fecundity, and longevity, potential biological control agent
- Biological control
Ziv M et al
1981 J Chem Ecol 7 (5) Sept 829-840 Wa
Dermacentor variabilis-infested dogs, use of sex pheromone (2,6-dichlorophenol) to disrupt tick mating
- Biological tags See Tagging
- Biometrics See Technique, Statistical methods
- Bionomics See Ecology
- Bladder See Urine and urinary tract
- Blindness See Eye

Blood [See also Anemia; Basophils; Cardiovascular system; Disease transmission, Blood; Eosinophils; Erythrocytes; Globule leukocytes; Granulocytes; Hemocytes; Hemoglobin; Hemorrhage; Leukocytes; Lymphocytes; Monocytes; Neutrophils]

Blood

Abdalla S; et al
1980 Brit J Haematol 46 (2) Oct 171-183 Wa
Plasmodium falciparum, Gambian children, haematological changes analysed during infection indicate that pathophysiological mechanisms responsible for anaemia are different at different stages of the illness

Blood

Ackerman SJ et al
1981 J Immunol 127 (3) Sept 1093-1098 Wm
Wuchereria bancrofti, human, eosinophilia and elevated serum levels of eosinophil major basic protein and Charcot-Leyden crystal protein after treatment with diethylcarbamazine

Blood

Aikat BK et al
1979 Indian J Med Research 70 Oct 571-582 Wa
kala-azar, early and late stages, patients, haematological findings, bone marrow picture, presence of complement (C3) on red blood cells demonstrated using anti C3, autoimmune mechanisms may be involved in anemia

Blood

Allen PC; Kuttler KL; Amerault TE
1981 Am J Vet Research 42 (2) Feb 322-325 Wa
Anaplasma marginale, cows, blood chemical changes, differential pathologic effects of 3 isolates

Blood

Allen PC; Kuttler KL; Amerault TE
1981 Am J Vet Research 42 (2) Feb 326-328 Wa
Anaplasma marginale, cows, comparative serum protein changes elicited by attenuated and virulent isolates, fluctuations in immunoglobulins, card test titers and total WBC compared and correlated with parasitemia

Blood

Al-Mudhaffar SA; Al-Saffar NR
1978 Indian J Med Research 68 Oct 592-594 Wa
kala-azar, Iraqi patients, changes in serum proteins: Baghdad

Blood

Anderson PH et al
1981 Research Vet Sc 31 (1) July 1-4 Wa
evaluation of plasma enzyme activities, some other blood components and bromsulphthalein clearance rates as indicators of liver disease in cattle following carbon tetrachloride poisoning and experimental fascioliasis

Blood

Andrews P; Dycka J; Frank G
1980 Ann Trop Med and Parasitol 74 (2) Apr 167-177 Wa
Schistosoma mansoni-infected vs. healthy mice, hepatic and haematopoietic functions, response to praziquantel treatment

Blood

Anosa VO
1980 Zentralbl Vet Med Reihe B 27 (3) 169-180 Wa
Trypanosoma brucei in splenectomised and intact mice (exper.), parasitaemia, plasma volumes, leucocyte and bone marrow cell counts, moribund state

Blood

Anosa VO; Isoun TT
1980 J Comp Path 90 (1) Jan 155-168 Wa
Trypanosoma vivax, goats, intact and splenectomized sheep, anemia, red cell survival and sites of destruction, roles of bone marrow and spleen, changes in total and differential leucocyte counts

Blood

Anosa VO; Obi TU
1980 Zentralbl Vet Med Reihe B 27 (9-10) 773-788 Wa
haematology and incidence of blood protozoans and helminths in 4 breeds of cattle under nutritional stress, role of host age, breed, and haemoglobin type

Blood

Ben-Ismaïl R et al
1979 Compt Rend Acad Sc Paris 289 s D Sc Nat (16) Dec 17 1323-1324 Wm
Fasciola hepatica antigenic extracts of bovine and ovine origin, detection of substances with Lewis blood group activity, first report of such specificities other than in the human body

Blood

Bernstein SC et al
1980 Human Hered 30 (4) 251-258 Wm
Plasmodium falciparum, human, malaria appears to be selective pressure keeping hemoglobin S frequencies high but may not be major selective force maintaining glucose-6-phosphate dehydrogenase polymorphism: Cameroon

Blood

Bhattacharyya PK et al
1981 Tr Roy Soc Trop Med and Hyg 75 (4) 615-616 Wa
Plasmodium vivax and P. falciparum endemic area, first report of sickle cell trait in Santhals (a tribal community): Ajodhya hills, Purulia district, West Bengal, India

Blood

Bhopale MK; Menon S; Kulkarni L
1980 J Helminth 54 (2) June 97-104 Wa
Necator americanus in infant rabbits, complete development, humoral antibody, leucocyte response, serum protein changes, suitable laboratory model

Blood

Bienzle U; Guggenmoos-Holzmann I
1979 Immun u Infekt 7 (6) Dec 196-201 Wm
malaria, significance of hereditary red cell traits HbS and G6PD-deficiency in innate resistance

- Blood**
 Bienzle U; Guggenmoos-Holzmann I; Luzzatto L
 1981 Internat J Epidemiol 10 (1) Mar 9-15 Wm
 malaria in children (mostly Plasmodium falciparum) living in holoendemic malaria region, clinical parameters such as parasitaemia and degree of anaemia examined with respect to sex, age, haemoglobin types, and erythrocyte glucose-6-phosphate dehydrogenase variants: West Africa
- Blood**
 Blount ER; Hartmann R; Nernoff J
 1980 Clin Pediat Philadelphia 19 (2) Feb 139-140 Wa
 Leishmania donovani, three-year-old Caucasian girl, cause of disseminated intravascular coagulation, case report: Gaeta, Italy
- Blood**
 Boid R et al
 1980 Vet Parasitol 6 (4) Mar 333-345 Wa
 Trypanosoma evansi, camels (nat. and exper.), serum immunoglobulin levels and electrophoretic patterns of serum proteins
- Blood**
 Boreham PFL et al
 1981 Tr Roy Soc Trop Med and Hyg 75 (2) 193-200 Wa
 malaria, human, relationship to aphantoglobinaemia: The Gambia
- Blood**
 Borgsteede FHM
 1980 Tijdschr Diergeneesk 105 (18) Sept 15 758-763 Wa
 Ostertagia ostertagi, calves kept on contaminated pastures, pattern of infestation, seasonal distribution, correlation between serum pepsinogen level and loss of weight: Netherlands
- Blood**
 Bushara HO et al
 1980 Am J Trop Med and Hyg 29 (3) May 442-451 Wa
 Schistosoma bovis, cattle, experimental demonstration of naturally acquired resistance, gross clinical observations, body weights, hematology, pathophysiology, parasitology, histopathology: Kosti, Sudan
- Blood**
 Caple IW et al
 1978 J Wildlife Dis 14 (1) Jan 110-115 Wa
 Fasciola jacksoni in Elephas maximus (bile ducts), severe submandibular and ventral abdominal oedema, anemia, haematologic values before and after nitroxylin treatment, severe local reactions at injection site: Pahang, Central Malaysia
- Blood**
 Carnevale P et al
 1981 Ann Genet 24 (2) 100-104 Wa
 Plasmodium falciparum, human, relationship between sickle cell trait and malaria, data for this region fail to confirm hypothesis that AS genotype protects carrier against infection: Djoumouna (region de Brazzaville), Republique Populaire du Congo
- Blood**
 Chavalittamrong B; Suntornpoch V; Siddhikol C
 1980 Southeast Asian J Trop Med and Pub Health 11 (2) June 245-249 Wa
 Giardia lamblia-infected children vs. non-infected children, serum vitamin A and β -carotene levels, indications that there may be malabsorption of vitamin A and that low serum vitamin A levels may be found in infected children, recommends supplementary vitamin A given with anti-giardia agent: Thailand
- Blood**
 Chhabra MB; Mahajan RC; Ganguly NK
 1980 Indian Vet J 57 (8) Aug 627-631 Wa
 Toxoplasma gondii, RH strain vs. local human isolates, mice (exper.), antibody response and serum protein alterations determined by indirect haemagglutination test and electrophoresis respectively, rise in gamma-globulins in later stages appeared to indicate developing immune response
- Blood**
 Clayton CE et al
 1980 Infect and Immun 28 (3) June 824-831 Wm
 Trypanosoma b. brucei, mice, cellular proliferation and functional depletion in blood, peritoneum, and spleen related to changes in bone marrow stem cells
- Blood**
 Collins GH; Sutton RH; Charleston WAG
 1980 N Zealand Vet J 28 (8) Aug 156-158 Wa
 Sarcocystis sp. in goats infected with dog-derived sporocysts, haematology, indirect fluorescent antibody test, pathology
- Blood**
 Costa JS et al
 1980 Rev Inst Med Trop S Paulo 22 (5) Sept-Oct 246-260 Wm
 Schistosoma mansoni-infected mice, growth, blood picture, histology of glands and reproductive organs, effect of splenectomy
- Blood**
 Date A et al
 1980 Tr Roy Soc Trop Med and Hyg 74 (1) 137 Wa
 patients with filarial chyluria, lymphocytopenia
- Blood**
 Dubey JP et al
 1981 J Am Vet Med Ass 178 (7) Apr 1 683-699 Wa
 Sarcocystis capracanis, goats (exper.), clinical signs, pathologic and hematologic findings
- Blood**
 El-Hawey AM et al
 1978 J Egypt Med Ass 61 (3-4) 299-311 Wm
 schistosomiasis, patients, patterns of hepatic fibrosis and their relationship to serum histamine levels, parameters measured before and after oxamniquine or tartar emetic therapy: Egypt
- Blood**
 El-Shobaki FA et al
 1980 Tropenmed u Parasitol 31 (1) Mar 94-98 Wa
 Schistosoma mansoni, S. haematobium, Egyptian patients with different degrees of complications, amino acid patterns in plasma and urine

Blood

Ette SI; Dickerson JWT
1979 Niger Med J 9 (3) Mar 361-365 Wm
Plasmodium berghei, effect of infection on serum proteins and trace element concentrations in rats offered peasant farmer's (low protein) diet

Blood

Eysker M; Ogunsusi RA
1980 Research Vet Sc 28 (1) Jan 58-62 Wa
Haemonchus contortus, Trichostrongylus spp., sheep, epidemiological and clinical aspects during rainy season: northern Nigeria

Blood

Fayer R; Prasse KW
1981 Vet Path 18 (3) May 351-357 Wa
Sarcocystis bovicanis, acute infection in calves (exper.), qualitative and quantitative changes in cellular and serologic components of blood

Blood

Ferrante FM; Pike EH
1980 Tr Roy Soc Trop Med and Hyg 74 (6) 795-797 Wa
Schistosoma mansoni-infected mice, malate dehydrogenase isoenzymes of liver and plasma

Blood

Foreyt WJ; Todd AC
1979 J Wildlife Dis 15 (1) Jan 83-89 Wa
Fascioloides magna in Odocoileus virginianus (exper.), hematologic and biochemical values, weight gains

Blood

Franco ELF; de Souza AVR
1979 Rev Inst Med Trop S Paulo 21 (4) July-Aug 161-165 Wm
Schistosoma mansoni, mice, blood leukocyte pattern, serum proteins, blood urea and glucose

Blood

Futter GJ et al
1981 J South African Vet Ass 52 (1) Mar 5-14 Wa
B[abesia] felis, cats (nat. and exper.) (blood), chemopathological changes, macroscopic and microscopic post mortem findings

Blood

Futter GJ; Belonje PC; van den Berg A
1980 J South African Vet Ass 51 (4) Dec 271-280 Wa
B[abesia] felis, cats (nat. and exper.), haematological changes

Blood

Gajjanana A et al
1981 Indian J Med Research 73 Suppl Jan 97-106 Wa
Wuchereria bancrofti, infected and non-infected humans living under similar environmental conditions, assay of E and EAC rosette forming peripheral lymphocytes as well as total and differential WBC counts, neutropenia, eosinophilia, and unaltered lymphocyte counts observed in infected group: Pondicherry, India

Blood

Gloria-Bottini F
1980 Experientia 36 (5) May 15 541-543 Wa
relations between G-6-PD deficiency, thalassemia, and malaria: Sardinia; Po Valley

Blood

Goodger BV; Bremner KC
1979 Ztschr Parasitenk 60 (3) 239-247 Wa
Oesophagostomum radiatum-infected cattle (exper.), presence of cryofibrinogen complex in plasma, suggested mechanism of formation and role in pathophysiology of infection

Blood

Goodger BV; Wright IG
1979 Ztschr Parasitenk 60 (3) 211-220 Wa
Babesia bovis (argentina)-infected cattle (exper.), isolation of fibrogen and fibrogen-like proteins from plasma and serum, sizes and chain structure of these proteins consistent with hypothesis that fibrin cross-linking and subsequent fibrinolysis is not important in pathogenesis of infection

Blood

Goodger BV; Wright IG; Mahoney DF
1980 Austral J Exper Biol and Med Sc 58 (2) Apr 179-188 Wa
Babesia bovis (argentina), acutely infected cattle, analysis of paracoagulation proteins in plasma and serum, not correct to diagnose disseminated intravascular coagulation per se on basis of positive reaction with protamine sulphate or ethanol

Blood

Goodger BV; Wright IG; Mahoney DF
1981 Austral J Exper Biol and Med Sc 59 (5) Oct 531-538 Wa
Babesia bovis, acutely infected cattle, pathophysiology, changes in conglutinin, immunconglutinin, complement C3, and fibronectin concentrations

Blood

Goodger BV; Wright IG; Mahoney DF
1981 Ztschr Parasitenk 65 (3) 271-276 Wa
Babesia bovis (argentina), Bos taurus (exper.), acute infections, alterations in plasma lipid and lipoprotein metabolism

Blood

Greenblatt CL et al
1981 Lancet London (8218) 1 Feb 28 505-506 Wa
evidence to support hypothesis that leishmanial parasites may utilize system of camouflage or mimicry of host blood group antigens to evade host defense mechanisms

Blood

Greene CE; Prestwood K; Tsang VC
1981 J Parasitol 67 (5) Oct 730-731 Wa
Haemonchus contortus does not appear to inhibit intrinsic or extrinsic blood coagulation as mechanism for producing blood loss

Blood

Griffin L
1980 Vet Parasitol 7 (2) Sept 123-131 Wa
Haemonchus contortus, sheep of different hemoglobin types (exper.), phenothiazine treatment shortly after patency, faecal egg output, haematological indices, and worm burden (of arrested larvae and adults) at intervals after infection; removal of adult worms by treatment did not stimulate resumption of development of arrested larvae, hemoglobin type may be factor in arrest of larvae as it is in resistance to adult worms

Blood

Griffin L et al
1981 J Comp Path 91 (1) Jan 97-103 Wa
Trypanosoma congolense, Haemonchus contortus,
2 breeds of goat (Saanen x Galla and East
African), mixed vs. single infections, red
cell destruction rate, erythropoietic response
of femoral bone marrow

Blood

Gronstol H; Overaas J
1980 Acta Vet Scand 21 (4) 523-532 Wa
Eperythrozoon ovis, lambs (exper.), resulting
haemolytic anaemia and acidosis may predispose
for listeric septicaemia, but not for listeric
meningo-encephalitis, immune response

Blood

Guggenmoos-Holzmann I; Bienzle U; Luzzatto L
1981 Internat J Epidemiol 10 (1) Mar 16-22 Wm
Plasmodium falciparum, children under age 6,
incidence and severity of infection with re-
spect to haemoglobin types and red cell glu-
cose-6-phosphate dehydrogenase variants, re-
sults suggest that the presence of these gen-
etic traits offers selective advantage against
infections, possible mechanisms discussed

Blood

Gujral S et al
1981 J Parasitol 67 (5) Oct 758-759 Wa
Ancylostoma ceylanicum-infected golden ham-
sters, altered serum lipid profile, increased
turbidity of serum, anemia

Blood

Haiba MH; Iskander AR
1979 Vet Med J Giza 26 (26) 1978 177-183 Is-
sued Aug 8 Wa
Ascaridia and Cotugnia-infected and uninfected
pigeons, hepatic vitamin A, carotene, serum
calcium, inorganic phosphorus, and magnesium
levels

Blood

Haller L
1980 Acta Trop 37 (4) Suppl 11 Dec 74-89 Wa
anemia in school children, study of etiology,
includes information on blood values in rela-
tion to parasitism: Ivory Coast

Blood

Hambrey PN; Tizard IR; Mellors A
1980 Tropenmed u Parasitol 31 (4) Dec 439-443
Wa
Trypanosoma brucei-infected rabbits, accumula-
tion of phospholipase A₁ (of trypanosomal ori-
gin) in tissue fluid, also detected in blood
plasma but at a lower level, possible contri-
bution to pathology

Blood

Hammerberg B; Dangler C; Williams JF
1980 J Parasitol 66 (4) Aug 569-576 Wa
Taenia taeniaeformis, chemical composition of
parasite factors affecting coagulation and com-
plement cascades

Blood

Hashemi-Nasab A; Zadeh-Shirazi H
1980 J Trop Med and Hyg 83 (3) June 119-122 Wa
visceral leishmaniasis (kala-azar), 130 cases,
age and sex distribution, clinical and haemato-
logical data, mortality rate, complications,
response to therapy, use of immunofluorescence
for diagnosis: Fars Province, Iran

Blood

Hinz E
1979 Tropenmed u Parasitol 30 (3) Sept 387-390
Wa
Echinococcus multilocularis, mice, intraperi-
toneal primary infection inhibits growth of
subcutaneous superinfection; intraperitoneal
primary infection is responsible for variations
in serum proteins, white blood cell counts, and
hemoglobin content

Blood

Hitzeroth HW; Bender K
1980 Human Genet 54 (2) 233-242 Wm
[Plasmodium] falciparum, South African Negroes
belonging to 7 different ethnic groups, high
geographic co-distribution and interrelation-
ship of G-6-PD deficiency and the occurrence
of falciparum malaria in South Africa

Blood

Horstmann RD et al
1981 Blut 42 (3) Mar 157-164 Wm
P[lasmodium] falciparum, P[lasmodium] vivax,
patients before and after schizontocidal treat-
ment, haematological, coagulation, and para-
sitological parameters, thrombocytopenia due to
shortened life span of platelets in peripheral
blood

Blood

Hubert J; Kerboeuf D; Gruener L
1979 Ann Recherches Vet 10 (4) 503-518 Wa
gastrointestinal nematodes, sheep, monthly
prevalence, thiabendazole-treated vs. non-
treated groups, host growth, parasite counts,
coproscopical examination, plasma pepsinogen
levels: North Limousin area, France

Blood

Humphrey JD; Spradbery JP; Tozer RS
1980 Exper Parasitol 49 (3) June 381-397 Wa
Chrysomya bezziana, Brahman-cross steers
(exper.), gross and histopathology, clinical
syndrome, hematology and biochemistry, bacte-
riology

Blood

Hutchinson GW
1981 Research Vet Sc 30 (2) Mar 175-180 Wa
Stephanurus dentatus, pigs (exper.), prepatent
infection, haematological parameters and liver-
specific serum enzymes, effect of treatment
with flubendazole, levamisole, and disophenol,
liver damage is insufficiently traumatic to
release sufficient enzymes into serum to be
pathognomonic or to assess anthelmintic effi-
cacy

Blood

Ishihara K et al
1981 Japan J Vet Sc 43 (1) Feb 1-11 Wa
dirofilariasis, dogs with hemoglobinuria vs.
normal dogs and dogs with chronic serious
filariasis without hemoglobinemia and
hemoglobinuria, hemolysis, lipid alterations
in blood serum and red cell membrane

Blood

Jenkins GC et al
1980 J Comp Path 90 (1) Jan 107-121 Wa
Trypanosoma brucei brucei, rabbits, anemia,
blood values, evidence for haemolysis

Blood

Jokipii L; Jokipii AMM
1980 Am J Trop Med and Hyg 29 (1) Jan 5-7 Wa
Giardia lamblia, human, no evidence that predisposition to disease was associated with ABO blood groups

Blood

Kaaya GP et al
1980 Tropenmed u Parasitol 31 (2) June 232-238 Wa
Trypanosoma congolense, sera from infected calves inhibited bovine granulocyte/macrophage (but not erythroid) colony formation in vitro, partial characterization of inhibitory factor; sonicated T. brucei, T. congolense, or T. theileri added directly into cultures had no effect on granulocyte/macrophage colony formation but enhanced erythroid colony formation

Blood

Khan RA; Barrett M; Campbell J
1980 J Wildlife Dis 16 (3) July 359-361 Wa
Trypanosoma murmanensis in Myoxocephalus octodecempinosus (exper.), hematological parameters, persistent anemia despite low parasitemias

Blood

Khorsandi HO; Tabibi V
1978 Bull Soc Path Exot 71 (1) Jan-Feb 95-100 Wa
Echinococcus granulosus, comparative analysis (electrophoresis, immunoelectrophoresis, biochemical tests) of hydatid cyst fluid and human host sera revealed similarities in protein patterns

Blood

Kimmig P; Piekarski G; Heydorn AO
1979 Immun u Infekt 7 (5) Nov 170-177 Wm
Sarcocystis suihominis, human volunteers infected by eating infected raw pork, symptoms and clinical findings, laboratory findings

Blood

Kono I et al
1980 Bull Fac Agric Kagoshima Univ (30) Mar 105-110 Wa
Babesia gibsoni, dogs (exper.), hematology

Blood

Lal DM; Hussain QZ
1978 Indian J Med Research 67 Mar 362-366 Wa
Plasmodium berghei-infected albino mice, changes in transaminase activity in plasma and liver

Blood

Lawson BM et al
1980 Tropenmed u Parasitol 31 (4) Dec 425-434 Wa
Trypanosoma congolense, in vitro culture of myeloid and erythroid bone marrow cells from infected calves

Blood

Liddell KG; Lucas SB; Williams H
1981 Parasitology 82 (2) Apr 205-224 Wa
Babesia divergens (strain isolated from fatal human case)-infected Meriones unguiculatus, useful laboratory host: general course of disease, cryopreservation of infected blood, host adaptation/parasite virulence during semi-continuous passage, parasite morphology, haematological, blood biochemical, and pathological findings, immunity of recovered animals to further challenge

Blood

Li Volti S; Fischer A; Musumeci S
1980 Acta Trop 37 (4) Dec 351-365 Wa
Leishmania donovani, kala-azar patients aged 6 months to 12 years, hematological and serological alterations

Blood

Lloyd S
1980 Ztschr Parasitenk 61 (3) 213-221 Wa
Taenia saginata, calves, primary infection, treatment with albendazole, and challenge infection, haematological response, antigen-induced lymphocyte responsiveness

Blood

Lowe-Jinde L
1980 J Fish Biol 17 (1) July 23-30 Wa
Cryptobia salmostica-infected Salmo gairdneri (exper.), changes in size, glycogen content of certain vital organs and blood lactic acid and dehydrogenase levels

Blood

Luffau G; Pery F; Petit A
1981 Vet Parasitol 9 (1) Oct 57-67 Wa
Haemonchus contortus, sheep with AA vs. BB hemoglobin types infected once or several times before challenge, attempt to distinguish between self-cure and resistance to reinfection phenomena

Blood

Lushbaugh WB et al
1981 Am J Trop Med and Hyg 30 (3) May 575-585 Wa
Entamoeba histolytica, inhibition of parasite cytotoxin by alpha-1 antiprotease and alpha-2 macroglobulin from non-immune sera, results suggest that amebal toxin has protease activity

Blood

McCrorie P et al
1980 J Comp Path 90 (1) Jan 123-137 Wa
Trypanosoma brucei brucei, splenectomized rabbits, anemia, hematological study of role of spleen

Blood

Mahoney DF; Wright IG; Goodger BV
1980 Ztschr Parasitenk 62 (1) 39-45 Wa
Babesia bovis, changes in haemolytic activity of serum complement during acute infection of susceptible and immunized Bos taurus (exper.), activity of alternative pathways, effect of kinin inhibition

Blood

Marsden PD et al
1981 Tr Roy Soc Trop Med and Hyg 75 (2) 314-315 Wa
Leishmania chagasi in Callithrix jacchus jacchus (exper.) as possible model for American visceral leishmaniasis, course of disease, no consistent coagulation defects occurred

Blood

Maspes V; Tamigaki M
1979 Rev Saude Pub S Paulo 13 (4) Dec 357-365 Wm
ancylostomiasis, patients with anemia and high rate of parasitism, hematologic variations, importance of iron reabsorption in intestinal hemorrhage

Blood

Maspes V; Tamigaki M
1980 Rev Hosp Clin S Paulo 35 (2) Apr 60-66 Wm
ancylostomiasis, humans with anemia consequent
to parasitic infections, blood parameters,
application of these parameters to determina-
tion of degree of anemia

Blood

Mathews HM; Armstrong JC
1981 Am J Trop Med and Hyg 30 (2) Mar 299-303
Wa
Plasmodium vivax. prevalence in representatives
of 2 ethnic groups, results support hypothesis
relating Duffy-negative blood type with re-
fractoriness to vivax malaria; relative preva-
lence of 3 other Plasmodium spp.: Ethiopia

Blood

Maurois P et al
1980 Ann Trop Med and Parasitol 74 (1) Feb 17-28
Wa
Plasmodium spp., strains of varying virulence,
mice, kinetic study of serum lipoproteins,
total cholesterol, and triacylglycerides

Blood

Mehrotra P; Singh T
1979 J Entom Research 3 (1) June 57-59 Wa
Haematopinus tuberculatus-infected Camelus
dromedarius, haematology, blood chemistry,
anemia: Bikaner

Blood

Meyers TR; Millemann RE; Fustish CA
1980 J Parasitol 66 (2) Apr 274-281 Wa
Margaritifera margaritifera-infected Oncorhyn-
chus kisutch vs. O. tshawytscha, hematology,
infection intensities, parasite growth, histo-
pathology, in vitro tests (attachment to ex-
cised gills; survival in fish mucus and plas-
ma), serology

Blood

Minami T et al
1980 National Inst Animal Health Quart Tokyo 20
(2) Summer 44-52 Wa
Theileria sergenti, comparison of Japanese and
Russian strains in cattle: morphology, clinical
and hematologic findings, transmission by
Haemaphysalis longicornis, serology in comple-
ment fixation and indirect fluorescent antibody
tests

Blood

Mincis M et al
1980 AMB Rev Ass Med Brasil 26 (11) Nov 363-
365 Wm
Schistosoma mansoni, human, electrophoretic
blood protein profile (beta-gamma area and H
fraction), comparison to patients with cirrho-
sis and connective tissue diseases

Blood

Mohammed MA et al
1979 Vet Med J Giza 25 (25) 1977 435-445 Issued
Jan 14 Wa
Eimeria tenella, chickens (exper.), electropho-
retic pattern of serum proteins and changes in
some serum constituents and vitamin storage in
liver during course of infection and recovery
phase

Blood

Moore DJ; Williams MC
1979 J South African Vet Ass 50 (4) Dec 265-275
Wa
Babesia canis, dogs, detailed examination of
mild and severe clinical cases, marked
thrombocytopenia, disseminated intravascular
coagulation exhibited in severe cases,
haematological and coagulation findings,
macro- and microscopic pathology

Blood

Mossalam I; Abdel Ghani M; Mansour SA
1979 Vet Med J Giza 26 (26) 1978 241-250 Is-
sued Aug 8 Wa
Neoscaris vitulorum, guinea pigs, blood pic-
ture; role of migrating larvae in transmission
of micro-organisms

Blood

Musumeci S et al
1981 Tr Roy Soc Trop Med and Hyg 75 (2) 304-305
Wa
visceral leishmaniasis, children, haematological
data (including immunoglobulin levels), lympho-
cyte subpopulations, K cell activity

Blood

Nagel RL et al
1981 J Clin Invest 68 (1) July 303-305 Wa
Plasmodium falciparum, impairment of growth in
HbEE erythrocytes, might be advantageous to
carrier in regions with endemic malaria

Blood

Obi TU; Anosa VO
1980 Zentralbl Vet Med Reihe B 27 (9-10) 789-797
Wa
protozoan and helminth diseases in under-
nourished cattle, clinical and haematological
manifestations: Nigeria

Blood

Ogunrinade AF; Bamgboye EA
1980 Brit Vet J 136 (5) Sept-Oct 457-462 Wa
Fasciola hepatica, cattle, correlation of
haematological findings with worm burdens,
results indicate that degree of anaemia is
related to intensity of infection: Nigeria

Blood

O'Kelly JC
1980 Vet Parasitol 6 (4) Mar 381-390 Wa
effects of natural parasitic infestations
(treated and untreated) on body growth and
blood composition of 3 breeds of cattle grazing
in a tropical environment: Belmont, Australia

Blood

Oormazdi H; Baker KP
1980 Brit Vet J 136 (2) Mar-Apr 146-153 Wa
Linognathus vituli, Bovicola bovis, calves
(exper.), no significant effect on haemoglobin
levels, packed cell volumes, erythrocyte or
leucocyte counts, or weight gains, increased
number of eosinophils; concluded that pedicu-
losis is of economic importance in the Repub-
lic of Ireland because of resulting hide damage

Blood

- Orjih AU et al
1981 Science (4521) 214 Nov 6 667-669 Wa
Plasmodium berghei, parasites isolated from mouse erythrocytes are lysed by hemin or by chloroquine-hemin complex, effect of hemin may explain protection against malaria provided by thalassemia and other conditions causing intracellular denaturation of hemoglobin, toxicity of chloroquine-hemin complex may explain selective antimalarial action of chloroquine

Blood

- Panday RS et al
1981 Vet Quart 3 (1) Jan 25-30 Wa
Dirofilaria immitis, dogs (peripheral blood), incidence survey (1977-1978), relationship between presence of microfilariae and host age, sex, breed, residence, clinical symptoms, liver and kidney function blood values, and presence of antibodies using indirect fluorescent antibody test: Surinam

Blood

- Pathak KML; Gaur SNS
1981 Vet Parasitol 8 (1) Feb 95-97 Wa
Cysticercus tenuicollis (*Taenia hydatigena*), goats (exper.), serum levels of GOT, GPT, and OCT enzymes, possible diagnostic significance

Blood

- Patwari A et al
1979 Indian Pediat 16 (8) Aug 665-667 Wm
Plasmodium vivax, children, serum haptoglobins measured by paper electrophoresis, values lower than normal in children with hemolytic anemia or hepatic dysfunction

Blood

- Paull NI; et al
1980 Austral Vet J 56 (6) June 267-271 Wa
Anaplasma marginale, *Bos indicus*-cross calves, epidemiologic aspects in 2 endemic areas, clinical, haematological, and serological responses in vaccinated and unprotected calves, seasonal activity of *Boophilus microplus*, complement fixation test most effective in detection of recent infections: northern Queensland

Blood

- Pedro RJ; Amato Neto V; de Mendonca JS
1979 Rev Inst Med Trop S Paulo 21 (3) May-June 125-129 Wm
toxoplasmosis, humans with acquired lymphoglandular infections, blood changes as measure of hepatic injury, useful in differential diagnosis

Blood

- Pepys MB et al
1980 Immunology 39 (2) Feb 249-254 Wa
Schistosoma mansoni, mice, effect of T-cell deprivation on formation of hepatic granulomata and serum levels of acute phase proteins (C3 and serum amyloid P-component)

Blood

- Poelvoorde J; Berghen P
1981 Research Vet Sc 31 (1) July 10-13 Wa
Oesophagostomum dentatum, repeated daily mass infection in pigs fed limited ration, severe diarrhoea and anorexia, average body-weights, blood and plasma analyses, histopathology of ileum, colon, and caecum, number of larvae in incubated and digested tissue and total number of larvae in intestinal lumen

Blood

- Powell MB et al
1980 Am J Vet Research 41 (6) June 877-882 Wa
Otodectes cynotis, cats (nat. and exper.), reaginic hypersensitivity, precipitating antibodies, hematologic indices; mode of feeding requires ingesting feline tissue fluids and its route by which parasite antigens are presented to host

Blood

- Prasse KW; Fayer R
1981 Vet Path 18 (3) May 358-367 Wa
acute *Sarcocystis bovicanis* infection in calves (exper.), serum biochemistry and hemostasis studies

Blood

- Przyjalkowski Z; Cabaj W; Kontny E
1979 Zentralbl Bakteriol 1 Abt Suppl (7) 181-187 Wa
Trichinella pseudospiralis, germfree and conventional mice, course of infection, hematological and serological changes, humoral response determined by immunodiffusion and hemagglutination tests; ". . . it seems unjustified to distinguish the two types of *Trichinella* [*spiralis* and *pseudospiralis*] as separate species only on the basis of the presence of the envelope sheathing *T. spiralis* larvae"

Blood

- Przyjalkowski Z; Kontny E; Cabaj W
1980 Bull Acad Polon Sc Cl II s Sc Biol 28 (1-2) 87-93 Wa
Trichinella spiralis-infected germfree and conventional mice, haematological changes as index of course of infection

Blood

- Raisinghani PM; Lodha KR
1980 Indian Vet J 57 (6) June 579-584 i e 479-484 Wa
Trypanosoma evansi, camels, prognostic value of some haematological and biochemical parameters following treatment with 4 different trypanocides: Bikaner

Blood

- Rajasekariah GR; Howell MJ
1981 Internat J Parasitol 11 (1) Feb 59-65 Wa
Fasciola hepatica in susceptible (5-week-old) vs. age-resistant (25-week-old) rats, worm recovery, histopathology, haematological changes, precipitating antibody titres

Blood

- Rechav Y; Kuhn HG; Knight MM
1980 J Med Entom 17 (6) Dec 30 555-560 Wa
Amblyomma hebraeum, rabbits (exper.), effect on host blood composition and weight, positive correlation between level of tick infestation and weight loss, anemia and weight loss appear to result from combination of blood loss and toxins introduced by feeding ticks

Blood

- Rickman WJ; Cox HW
1980 J Parasitol 66 (1) Feb 28-33 Wa
Trypanosoma brucei rhodesiense, rats, anemia, thrombocytopenia, and coagulopathy, association with antibodies against fibrinogen/fibrin-related products (anti-F), immunocoagulinin, soluble immune complexes (of anti-F and fibrinogen/fibrin-related products), and lytic complement consumption

Blood

Rickman WJ; Cox HW; Thoongsuwan S
1981 J Parasitol 67 (2) Apr 159-163 Wa
Trypanosoma brucei rhodesiense, rats, interactions of immunoglobulin and immune complexes in cold autohemagglutination

Blood

Rieckmann KH et al
1979 Bull World Health Organ 57 suppl 1 139-151 Wa
Plasmodium knowlesi, rhesus monkeys, immunization with 3 nonviable blood-stage antigens, response to challenge, haematology, indirect fluorescent antibody test, IgG values, radioimmunoassay values, opsonization and merozoite inhibition tests, B and T cell values, lymphocyte transformation test, intradermal skin test

Blood

Rifaat MA; Abdel Aal TM
1975 Ain Shams Med J 26 (1) Jan 39-44 Wm
Schistosoma mansoni-infected mice, serum protein changes at different stages of infection, testing for CHR

Blood

Roberts-Thomson IC et al
1980 Gut 21 (5) May 397-401 Wm
human and murine giardiasis, in humans with prolonged Giardia lamblia infection genetic markers were analyzed, higher than expected frequency of certain antigens and phenotypes were observed; in infected inbred strains of mice several genes appeared to influence susceptibility to prolonged infection with G. muris

Blood

Roth RL; Levy DA
1980 Exper Parasitol 50 (3) Dec 331-341 Wa
Nippostrongylus brasiliensis-infected rats, peripheral leukocyte responses, correlation of basophils with blood histamine concentrations

Blood

Rougemont A et al
1980 Human Hered 30 (4) 201-203 Wm
endemic malaria area, long-term studies of 98 unselected adults, haptoglobin level of blood increased after anti-malarial treatment, suggests that hypo- or anhaploglobinaemia in populations like this may have non-genetic basis: rural African community, Mali

Blood

Saad AM et al
1980 Research Vet Sc 28 (1) Jan 105-111 Wa
Schistosoma bovis, zebu calves (exper.), development and clinical pathology of primary infections, relationship between clinico-pathological changes and the number and reproductive activities of the worms

Blood

Sakamoto H et al
1980 Bull Fac Agric Kagoshima Univ (30) Mar 117-122 Wa
Eurytrema coelomaticum, cattle, clinicopathological findings, diagnosis, nitroxylin treatment: Kagoshima Prefecture

Blood

Salmon C
1979 Rev Epidemiol et San Pub 27 (5-6) 389-397 Wm
Plasmodium spp., humans, relationships between Duffy blood group antigens and malaria

Blood

Sandeman RM; Howell MJ
1980 Vet Parasitol 6 (4) Mar 347-357 Wa
Fasciola hepatica, excysted metacercariae cultured in serum taken from sheep weekly for 20 weeks following infection, formation of precipitate on tegument and in surrounding medium, comparison of amount of precipitate formed with levels of liver and bile duct enzymes in serum

Blood

Sandeman RM; Howell MJ
1981 Research Vet Sc 30 (3) May 294-297 Wa
Fasciola hepatica, sheep, primary and challenge infections, serum enzyme and precipitating antibody levels, worm recoveries, no resistance to challenge, apparent suppression of antibody response during challenge infection; recoveries of adult flukes from rats injected with metacercariae cultured in serum from normal and infected sheep or with freshly excysted metacercariae

Blood

Santiyanont R; Wilairat P
1981 Am J Trop Med and Hyg 30 (3) May 541-543 Wa
Plasmodium falciparum, red cells containing hemoglobin E do not inhibit malaria parasite development in vitro

Blood

Schiliro G; et al
1980 Brit J Haematol 46 (2) Oct 207-210 Wa
kala-azar significantly increased fetal hemoglobin (HbF) levels in children with acute infections, after recovery these levels fall within normal limits thus suggesting that increased production of HbF is associated with accelerated erythropoiesis due to temporary marrow stress

Blood

Scott AL; Grizzle JM
1979 J Fish Dis 2 (1) Jan 69-73 Wa
Bothriocephalus gowkongensis, cyprinid fishes, histopathology, haematocrits and condition factors of infected and uninfected Notemigonus crysoleucas compared

Blood

Singhal KC et al
1977 Indian J Helminth 28 (1) Mar 1976 43-53 Issued Oct 26 Wa
Setaria cervi, intraperitoneal implantation in rats, changes in leucocyte pattern of host during a six-week period

Blood

Snider TG III et al
1981 Vet Parasitol 8 (2) May 173-183 Wa
Ostertagia ostertagi, calves (exper.), single doses of larvae followed by increasing multiple inoculation series, fecal egg counts, plasma pepsinogen levels, inhibited larval development, abomasal lesions, host immunological response suggested by lymphoid cell infiltration in mucosa

Blood

Stockdale PHG et al
1981 Canad J Comp Med 45 (1) Jan 34-37 Wa
Eimeria zuernii, calves, alterations in levels
of blood ions, cells and proteins

Blood

Stong RC; Stone WH
1980 Animal Blood Groups and Biochem Genet 11
(3) 185-192 Wm
Macaca mulatta, study of Fy antigen blood
groups, apparently no Duffy-like polymorphism
in rhesus monkeys, applications for Plasmodium
knowlesi research

Blood

Suteu E et al
1981 Arch Exper Vet-Med 35 (2) Mar 231-234 Wa
Eimeria tenella, chickens (exper.), influence
of some coccidiostats on carotenoids and A-
vitamin blood levels and blood serum fatty
acids, comparison with non-treated group; drug
efficiency evaluated by various methods

Blood

Sykes AR; Coop RL; Rushton B
1980 Research Vet Sc 28 (1) Jan 63-70 Wa
Fasciola hepatica, sheep (exper.), chronic
subclinical infection, effects on food intake,
food utilisation and blood constituents

Blood

Tabel H; Losos GJ
1980 Vet Parasitol 7 (4) Dec 297-303 Wa
Trypanosoma vivax organisms purified by DEAE-
cellulose chromatography from blood of cattle
do not have bovine serum proteins on their sur-
face

Blood

Tabel H; Losos GJ; Maxie MG
1980 Tropenmed u Parasitol 31 (1) Mar 99-104 Wa
Trypanosoma vivax, T. congolense, cattle (ex-
per.), serum levels of total protein albumin,
activity of hemolytic complement, and comple-
ment component C3 decreased by infection

Blood

Tabel H; Losos GJ; Maxie MG
1981 Tropenmed u Parasitol 32 (2) June 99-100
Wa
Trypanosoma congolense, cattle, lack of rela-
tionship between level of parasitemia and J
blood group antigens

Blood

Valli VEO et al
1980 Tropenmed u Parasitol 31 (3) Sept 288-298
Wa
Trypanosoma congolense in neonatal and 6-month-
old calves, quantitation of blood biochemical
changes (serum electrolytes and osmolality,
serum proteins, lipids, organ function tests)

Blood

Valli VEO; Mills JN
1980 Tropenmed u Parasitol 31 (2) June 215-231
Wa
Trypanosoma congolense in neonatal and 6-month-
old calves, quantitation of hematological
changes (anemia, leukocytes, radioiron kinet-
ics)

Blood

Vasil'ev AA
1963 Trudy Vsesoiuz Inst Gel'mint 10 98-119 Wa
F[asciola] hepatica, calves (exper.), clinical
picture before and after treatment with carbon
tetrachloride

Blood

Vernes A et al
1980 Path Biol 28 (7) Sept 457-460 Wa
Plasmodium falciparum, P. vivax, P. ovale, hu-
mans, P. inui, Macaca fascicularis, serum tri-
acylglycerides, total cholesterol, and lipo-
proteins (VLDL, LDL, HDL)

Blood

Vijayakumaran Nair K; Nadakal AM
1981 Vet Parasitol 8 (1) Feb 49-58 Wa
Raillietina tetragona, domestic fowl (exper.),
haematological changes

Blood

Wellde BT; Diggs CL; Anderson S
1979 Bull World Health Organ 57 suppl 1 153-157
Wa
Plasmodium falciparum, immunization of Aotus
trivirgatus with irradiated blood forms, hae-
matological status of immunized monkeys

Blood

Whitelaw DD et al
1980 Infect and Immun 27 (3) Mar 707-713 Wa
Trypanosoma congolense in susceptible mouse
strain vs. trypanotolerant mouse strain, host
survival, parasitemia and anemia, erythrocyte
survival, plasma and erythrocyte volumes,
blood biochemistry, immunoglobulin levels,
immunosuppression, infectivity neutralization
tests on sera, results indicate ability of
resistant mice to survive is dependent on hu-
moral antibody

Blood

Willadsen P; Riding GA
1980 Biochem J 189 (2) Aug 1 295-303 Wm
Boophilus microplus, proteolytic-enzyme
inhibitor, variations in concentration
throughout life cycle, effect on isolated
enzymes, on blood coagulation, on haemolytic
complement, and on lymphocyte transformation

Blood

Witlock DR
1980 Proc Helminth Soc Washington 47 (1) Jan
122-128 Issued Feb 15 Wa
Eimeria tenella-infected and noninfected chick-
ens, thromboplastin-like activity of protein-
containing extract prepared from chicken ceca,
injection of extract caused toxic reaction and
death apparently due to intravascular coagu-
lation

Blood

Wright IG; Goodger BV; Mahoney DF
1980 Ztschr Parasitenk 63 (1) 47-57 Wa
Babesia bovis, pathogenicity of irradiated
vs. non-irradiated parasites in Bos taurus
(exper.), differences in various blood param-
eters

Blood groups See Blood

Blood picture See Blood

Blood transfusion See Disease transmission,
Blood

Body location See Localization

Body wall See Parasite surfaces

Bolivia

Kaneko K et al
1977 Aichi Ika Daigaku Igakkai Zasshi (J Aichi Med Univ Ass) 5 (1) Jan 60-64 Wm
intestinal parasitological survey, school children living in Japanese colonies of San Juan and Okinawa, Province of Santa Cruz, Bolivia

Bones

Borochovitz D; Martinez AJ; Patterson GT
1981 Human Path 12 (6) June 573-576 Wm
woman with osteomyelitis of mandibular bone graft, pathologic examination of tissue demonstrated mixed infection including *Acanthamoeba castellanii*, first recorded instance of invasion of bone by free living ameba

Brain [See also Nervous system]

Brain

Brown TT jr; Jordan HE; Demorest CN
1978 J Wildlife Dis 14 (4) Oct 441-444 Wa
Parelaphostrongylus tenuis in Lama guanicoe (brain), neurologic disease, clinical and pathologic findings: ranch near Houston, Texas

Brain

Conley FK; Jenkins KA
1981 Infect and Immun 31 (3) Mar 1184-1192 Wa
Toxoplasma gondii, immunohistological study of anatomic relationship of parasite antigens to inflammatory response in brains of chronically infected mice, use of peroxidase-antiperoxidase staining technique

Brain

Ghareeb AM et al
1979 Ain Shams Med J 30 (1-2) Jan-Mar 59-64 Wm
Schistosoma mansoni-infected mice vs. normal mice, changes in liver and brain enzyme activity and blood urea levels

Brain

Hussain MM; Mohan Rao VK
1979 Indian J Exper Biol 17 (8) Aug 779-781 Wm
Hartmannella culbertsoni, mice, experimental meningoencephalitis, effect on aminotransferase levels in brain, effect of amoebicidal drug treatment on these levels

Brain

Lal AA; Garg NK
1981 Indian J Biochem and Biophys 18 (1) Feb 63-64 Wa
Hartmannella culbertsoni, meningoencephalitic mice, lactate dehydrogenase isoenzyme profile in brain

Brain

Mackey LJ et al
1980 Clin and Exper Immunol 42 (3) Dec 412-420 Wa
Plasmodium berghei in 5 strains of mice, immunopathology of lesions in brain, kidney, liver, and spleen

Brain

Ottolenghi A; Weatherly NF; Larsh JE jr
1980 Infect and Immun 29 (2) Aug 799-807 Wa
Angiostrongylus cantonensis, nonsensitized and sensitized rats, phospholipase B in brains and meninges after challenge, association with eosinophils

Brain

Pittella JEH
1981 Virchows Arch A Path Anat and Histol 390 (2) 229-241 Wm
human hepatosplenic schistosomiasis mansoni, astrocytes of cerebral cortex, morphological, quantitative, and karyometric study, comparison with patients with liver cirrhosis

Brain

Poltera AA
1980 Tr Roy Soc Trop Med and Hyg 74 (6) 706-715 Wa
human African trypanosomiasis, endstage lesions in brain and heart; *Trypanosoma brucei brucei* in mouse model, sequential features in humoral immunology and immunopathology with emphasis on cardiac and cerebral lesions, occurrence of relapses after ethidium bromide or melarsoprol treatment, responsiveness of parasite to melarsoprol in spite of repeated relapses, shift in distribution of parasite in central nervous system after melarsoprol relapse, symposium presentation

Brain

Poltera AA et al
1980 Clin and Exper Immunol 40 (3) June 496-507 Wa
Trypanosoma brucei brucei, successful induction of cerebral trypanosomiasis in ordinary laboratory mice, parasitaemia and serology, histopathology, immunohistology, electronmicroscopic studies, evolution of brain lesions after ethidium bromide treatment

Brain

Singh US; Mohan Rao VK
1981 Indian J Exper Biol 19 (2) Feb 186-188 Wa
Acanthamoeba culbertsoni, mice, experimental meningoencephalitis, changes in levels of amino acids and enzymes connected with their metabolism in brain

Brain

Tanowitz HB et al
1981 Exper Parasitol 51 (2) Apr 269-278 Wa
Trypanosoma cruzi, susceptible vs. resistant mice infected with Brazil strain, choline acetyltransferase activity in hearts and brains, correlation with parasitemia and pathology

Brain

Thiermann E; Arribada A
1974 Rev Med Chile 102 (2) Feb 98-103 Wm
Toxoplasma gondii, avirulent strain, mice, serology, numbers of cysts in heart and brain tissue at various intervals after infection

Brain

Uga S; Okada S; Matsumura T
1980 Kobe J Med Sc 26 (4) Dec 253-267 Wm
Toxoplasma gondii, albino mice, light and transmission electron microscopic study of cyst formation, distribution, and maturation in brains, serological and histological host responses

Brain

Van Marck EAE et al
1981 Ann Soc Belge Med Trop 61 (1) Mar 57-78
Wa
Trypanosoma brucei gambiense, light and electron microscopic studies on extravascular cerebral pathology in chronically infected rats and mice

Brain

Witting PA
1979 Ztschr Parasitenk 61 (1) 29-51 Wa
Toxoplasma, learning capacity and memory of normal and infected laboratory rats and mice, relationship to number of brain cysts

Brazil

do Amaral ADF; Buseti ET
1979 Rev Inst Med Trop S Paulo 21 (3) May-June 141-145 Wm
helminths, Protozoa, human (feces), prevalence: Bairro de Uberaba, Curitiba, Brasil

Brazil

Ferraroni MJR; Montoril Filho M; Ferraroni JJ
1979 Acta Amazonica 9 (4) Dec 657-659 Wa
intestinal parasites, survey of children and adolescents: Nova Olinda do Norte, Amazonas, Brazil

Brazil

Lawrence DN et al
1980 Am J Trop Med and Hyg 29 (4) July 530-537
Wa
intestinal parasitoses of Amerindians in newly contacted vs. acculturating villages, prevalence, no sex-related differences, average number of parasite species per person by age: Brazil; Venezuela

Brazil

Wilson D et al
1980 Rev Saude Pub S Paulo 14 (3) Sept 300-309
Wm
nutritional status and intestinal parasites, homeless children living in institution, survey, most had evidence of poor nutrition and many had high incidence of Hymenolepis nana (one of highest on record in Brazilian literature): Sao Paulo State, Brazil

Breeds

Anosa VO; Obi TU
1980 Zentralbl Vet Med Reihe B 27 (9-10) 773-788
Wa
haematology and incidence of blood protozoans and helminths in 4 breeds of cattle under nutritional stress, role of host age, breed, and haemoglobin type

Breeds

Bernard S; Haase M; Guidot G
1980 Berl u Munchen Tierarztl Wchnschr 93 (24) Dec 15 482-485 Wa
trypanosomiasis, trypanotolerant and trypanosensitive cattle breeds, antibody survey using enzyme linked immunosorbent assay and indirect immunofluorescence, high percentage of serologically positive cattle does not correlate with results obtained by direct isolation of trypanosomes; ability of trypanotolerant breeds to limit number of parasites in blood stream cannot be correlated with the concentration of antibodies and must involve another unknown immune mechanism: Upper Volta

Breeds

Beveridge I; Kummerow EL; Wilkinson P
1980 Tropenmed u Parasitol 31 (1) Mar 75-81 Wa
Onchocerca gibsoni in Bos indicus and Bos taurus, prevalence and intensity of nodules and microfilariae in cows of different age classes, nodule size and contents, observations on male and female worms and on degeneration of female worms: Australia

Breeds

Bussieras J; Chermette R
1980 Rec Med Vet 156 (9) Sept 605-608 Wa
Demodex folliculorum, dogs, clinical signs, sex, age, and breed of host, amitraz, tolerance, results of 2 year study

Breeds

Camus E; Belot J; Mishra GS
1979 Rev Elevage et Med Vet Pays Trop n s 32 (3) 241-245 Wa
trypanosomiasis, cattle, trypanotolerance of principal breeds: Boundiali, Cote-d'Ivoire

Breeds

Daynes P; Gutierrez J
1980 Rev Elevage Med Vet Pays Trop n s 33 (3) 305-310 Wa
Boophilus microplus on Santa Gertrudis cattle, degree of infestation according to temperature and month of year, advantage of using a moderately tick resistant breed: Nouvelle-Caledonie

Breeds

Dolan TT; Stagg DA
1980 Trop Dis Research Ser (3) 159-160 Wm
Theileria parva, susceptibility of Bos taurus vs. Bos indicus to infection with cell lines from Bos taurus and Bos indicus infected with T. parva

Breeds

Doube BM; Wharton RH
1980 Experientia 36 (10) Oct 15 1178-1179 Wa
Boophilus microplus, seasonal cycle in expression of acquired resistance in cattle with previous tick experience occurs irrespective of breed and nutritional state, differences in magnitude and timing of cycle between bulls and steers at 1 locality and between steers at 2 localities: Queensland, Australia

Breeds

Elder JK; et al
1980 Austral Vet J 56 (5) May 212-218 Wa
Boophilus microplus, cattle, chemical control by dipping, survey 1977-78, differences due to region, breed and type of enterprise: Queensland

Breeds

Garris GI; Hair JA
1980 J Econom Entom 73 (3) June 407-410 Wa
Amblyomma americanum, woodlot-pastured Braford and Hereford heifers, fecundity and development of ticks compared: eastern Oklahoma

Breeds

Griffin L et al
1981 J Comp Path 91 (1) Jan 97-103 Wa
Trypanosoma congolense, Haemonchus contortus, 2 breeds of goat (Saanen x Galla and East African), mixed vs. single infections, red cell destruction rate, erythropoietic response of femoral bone marrow

Breeds

Griffin L; Allonby EW; Preston JM
1981 J Comp Path 91 (1) Jan 85-95 Wa
Trypanosoma congolense, Haemonchus contortus,
2 breeds of goat (Saanen x Galla and East
African) varying in resistance, mixed vs. sin-
gle infections, clinical and parasitological
findings, immunosuppression by T. congolense
may be responsible for effects observed

Breeds

Haase M; Bernard S; Guidot G
1980 Berl u Munchen Tierarztl Wchnschr 93 (20)
Oct 15 400-402 Wa
trypanosomiasis, zebu vs. trypanotolerant
cattle, comparison of incidence; use of berenil
and isometamidium: Upper Volta region

Breeds

Ladouceur CA; Kazacos KR
1981 J Am Vet Med Ass 178 (3) Feb 1 301-302 Wa
Thelazia lacrymalis, horses (eyes), percent
infected by age, sex, and breed, localization
in eyes: Indiana

Breeds

Le Jambre LF
1978 Epidemiol and Control Gastrointest
Parasites Sheep Australia 137-141 Wa
nematodes, sheep, determination of genetic
variation in resistance to worms within and
between breeds, implications for selective
breeding programs for helminth control,
review: Australia

Breeds

Lyons ET; Drudge JH; Tolliver SC
1981 J Am Vet Med Ass 179 (9) Nov 1 899-900 Wa
Onchocerca spp., horses examined at necropsy,
prevalence of microfilariae in skin by breed,
age, and sex: Kentucky

Breeds

O'Kelly JC
1980 Vet Parasitol 6 (4) Mar 381-390 Wa
effects of natural parasitic infestations
(treated and untreated) on body growth and
blood composition of 3 breeds of cattle grazing
in a tropical environment: Belmont, Australia

Breeds

O'Kelly JC; Kennedy PM
1981 Brit J Nutrition 45 (3) May 557-566 Wa
Bophilus microplus, British and Africander x
British cattle, alterations in body metabolism
which would account for loss of body-weight due
to specific effect of tick infestation

Breeds

Panday RS et al
1981 Vet Quart 3 (1) Jan 25-30 Wa
Dirofilaria immitis, dogs (peripheral blood),
incidence survey (1977-1978), relationship
between presence of microfilariae and host
age, sex, breed, residence, clinical symptoms,
liver and kidney function blood values, and
presence of antibodies using indirect
fluorescent antibody test: Surinam

Breeds

Pipano E et al
1981 Brit Vet J 137 (4) July-Aug 416-420 Wa
Theileria annulata, highly susceptible Israeli
Friesian calves, immunization by infection-
treatment method

Breeds

Prosl H et al
1980 Wien Tierarztl Monatsschr 67 (1) Jan 14-19
Wa
nematodes, pigs, single and mixed infections,
infection rates by breed and sex of host, in-
fluence of infection on slaughtering and fat-
tening performance: Wien

Breeds

Rettig T
1981 J Am Vet Med Ass 178 (1) Jan 1 5 Wa
hookworms, male Airedale, thenium cloylate
treatment resulted in fatal thenium toxicosis,
case report, possible predisposition in Aire-
dales and Collies to absorption of thenium
cloylate which can cause death in apparently
healthy dogs

Breeds

Sangster NC et al
1980 Research Vet Sc 29 (1) July 26-30 Wa
Trichostrongylus colubriformis and Ostertagia
spp. resistant to levamisole, morantel tar-
trate and thiabendazole, infectivity, patho-
genicity, host susceptibility and drug efficacy
in two experimentally infected sheep breeds

Breeds

Selby LA; Corwin RM; Hayes HM jr
1980 J Am Vet Med Ass 176 (1) Jan 1 33-35 Wa
Dirofilaria immitis, dogs, influence of age,
breed, sex, and weight as risk factors, review
of medical records between June 1964 and May
1976 in United States and Canada

Breeds

Wilson AJ
1979 J South African Vet Ass 50 (4) Dec 293-295
Wa
Anaplasma marginale, Bos indicus (nat. and
exper.), effect of host nutrition, breed, and
age on pathogenesis of anaplasmosis, natural
transmission in endemic areas indicated that
introduced cattle should not adversely affect
enzootic stability: north Queensland

Breeds

Yazwinski TA et al
1980 J Animal Sc 51 (2) Aug 279-284 Wa
Haemonchus contortus, lambs (exper.), breed
differences in resistance, effect of host
breed and sex on their physiological responses
when given sensitizing infections of larvae
followed by challenge infection

Bronchitis

Jørgensen RJ
1980 Acta Vet Scand 21 (4) 658-676 Wa
Dictyocaulus viviparus, calves (exper.), pat-
tern of infection in 2 groups allowed to graze
on pastures contaminated with overwintered
larvae, larval counts in faeces and on pas-
tures, post-mortem worm counts, tactical and
therapeutic treatment of severe bronchitis with
fenbendazole

Bronchitis

Jørgensen RJ
1981 Acta Vet Scand 22 Suppl 76 77 pp Wa
Dictyocaulus viviparus, young cattle, epide-
miological review, prevention of parasitic
bronchitis in areas of low incidence, brief
review of 7 published papers concerning
laboratory isolation of larvae from herbage
samples and field studies on pattern of in-
fection

Burundi

Guiguen C; Vissault J; Beaucournu JC
1980 Ann Parasitol 55 (1) Jan-Feb 111-123 Wa
Siphonaptera of rodents, survey, sex-ratio
given for some flea species, risk of plague:
Burundi

- Calcification
Chamorro-Mera C; Hurtado-Lopez M; Angel-Arango E
1979 Rev Interam Radiol 4 (2) Apr 63-73 Wm
Toxoplasma gondii, clinical, radiological, and
pathological findings of 44 cases, intracranial
calcification of diagnostic significance,
mostly males and neonates affected
- Calcification
Darlak JJ; Moskowitz M; Kattan KP
1980 Radiol Clin North Am 18 (2) Aug 209-219 Wm
parasites and other causes of hepatic calcifi-
cations, humans, diagnosis using abdominal ul-
trasonography, fluoroscopy, or conventional
contrast radiography
- Calcification
El-Sewefy AZ; Wahab MA
1976 Ain Shams Med J 27 (2) Mar 219-220 Wm
Dracunculus medinensis, male immigrants from
Yemen, calcified worms discovered in various
body areas during radiologic studies, calci-
fications symptomless except for possible
association with arthritis: Mecca
- Calcification
Gospos C
1980 Radiologie 20 (1) Jan 38-39 Wm
Dracunculus medinensis, African male, case re-
port, calcifications in abdominal subcutaneous
tissues
- Calcification
Kuckein D
1980 Roentgen-Blaetter 33 (8) Aug 414-417 Wm
cysticercosis, humans with intracranial calci-
fications, differential diagnosis using com-
puter assisted tomography, conventional X-ray,
angiography, and other clinical data
- Calcification
Mervis B; Lotz JW
1980 Clin Radiol 31 (5) Sept 521-528 Wm
Taenia solium, humans, computed tomography is
useful in assessment and diagnosis of acute
parenchymatous cerebral cysticercosis and in
confirming presence of calcifications
- California See United States, California
- Cameroon
Foba-Pagou R et al
1980 Bull Soc Path Exot 73 (2) Mar-Apr 171-178
Wa
intestinal helminths, humans, prevalence survey
(by age and sex) before and after mebendazole
therapy, results of meat inspection at local
abattoirs for presence of Cysticercus bovis:
Cameroun
- Cameroon
Petithory J; Pampiglione S; Perrin JP
1979 Bull Soc Path Exot 72 (4) July-Aug 357-362
Wa
serological survey of pygmy population using
various helminth antigens, high degree of
positive reactions and increased levels of
immunoglobulins: Cameroon
- Canada
Margolis L; Arthur JR
1979 Bull (199) Fish Research Bd Canada 1-269
Wa
synopsis of fish parasites: Canada
- Canada
Naiman HL; Sekla L; Albritton WL
1980 Canad Med Ass J 122 (2) Jan 26 185-188 Wa
giardiasis and other human intestinal parasitic
infections in school for mentally retarded,
epidemiologic survey: Manitoba
- Canada
Sole TD; Croll NA
1980 Am J Trop Med and Hyg 29 (3) May 364-368
Wa
intestinal parasites, human, survey, prevalence
by town, sex, racial origin, and age group,
possible reasons for low prevalence: Labrador,
Canada
- Canada, Ontario
Keystone JS; Keystone DL; Proctor EM
1980 Canad Med Ass J 123 (6) Sept 20 512-514 Wa
intestinal parasites, homosexual men, preva-
lence, symptoms, and factors in transmission:
Toronto, Canada
- Cancer
Abloye AA
1976 African J Med and Med Sc 5 (3) Sept 185-
190 Wm
Entamoeba histolytica, critical evaluation of
possible carcinogenic role of amoebiasis; case
report of man with amoebiasis-associated colo-
rectal and renal cell carcinomas
- Cancer
Barriga Angulo G; Ruiz Sanchez D
1980 Rev Latinoam Microbiol 22 (2) Apr-June
105-108 Wa
Entamoeba histolytica, patients with cervi-
couterine infections, characteristics of 15
cases reviewed, host age distribution, some
association with cervical carcinoma: Mexico
- Cancer
Beattie G et al
1980 Proc National Acad Sc 77 (8) Aug 4971-4974
Wm
induction of lymphoma in athymic mice after
chronic antigenic stimulation by infection
with Aspiculuris tetraptera and Syphacia
obvelata, possible model for study of human
lymphoma
- Cancer
Brand KG
1979 Acta Trop 36 (3) Sept 203-214 Wa
Schistosoma haematobium, association of in-
fection and urinary bladder cancer, review
- Cancer
Bueding E; Farber E; Sarma DSR
1980 Tr Roy Soc Trop Med and Hyg 74 (2) 284 Wa
schistosomiasis, association with liver
carcinoma, support for role of cell
proliferation in enhancing carcinogenic effect
of hycanthone
- Cancer
Chen MC et al
1981 Lancet London (8227) 1 May 2 971-973 Wa
schistosomal granulomatous disease of the large
intestines, humans, retrospective review of
clinical data and surgical specimens, colonic
dysplastic epithelial changes found in sev-
eral cases are regarded as pathological basis
for the malignant potential of schistosomal
colitis

Cancer

Conley FK
1980 Cancer Research 40 (4) Apr 1240-1244 Wa
Toxoplasma gondii-infected rats with ethyl-nitrosourea-induced central nervous system tumors, lack of tumor inhibition by chronic parasitic infection as opposed to protective mechanisms exhibited in infected mice, inflammatory component produced by Toxoplasma organism in brain may be necessary prerequisite for tumor inhibition

Cancer

El-Aaser AA et al
1980 Tumori 66 (4) Aug 31 409-414 Wm
Schistosoma haematobium, survey, presence of urinary nitrite in infested rural population frequently associated with bladder infection, possible etiology in bilharzial bladder cancer

Cancer

El-Bolkainy MN et al
1981 Cancer 48 (12) Dec 15 2643-2648 Wa
Schistosoma haematobium, patients with bladder carcinoma who had been treated by radical cystectomy, those with schistosome eggs in surgical specimens vs. egg-negative specimens, impact of schistosomiasis on bladder pathology: Egypt

Cancer

Fares E; El-Ghazzawi E; Bedwani RN
1979 J Egypt Pub Health Ass 54 (1-2) 49-63 Wm
Trichomonas vaginalis, increased incidence of vaginal infections in women regularly using contraceptive pills, possible association with pre-cancerous lesions: Alexandria, Egypt

Cancer

Fossieck BE jr; Spagnolo SV
1980 Chest 78 (5) Nov 721-722 Wm
Pneumocystis carinii pneumonitis in patients with lung cancer, clinical case reports, may become important differential diagnostic consideration in presence of pulmonary infiltrates

Cancer

Frost O
1979 Ethiop Med J 17 (3) July 81-83 Wm
schistosomiasis, human cervical infections, diagnostic differentiation from cervical cancers and other cervical pathology, significance of diagnostic awareness in schistosomal endemic areas

Cancer

Gaupp RJ; Schreiber MH
1980 Current Problems Diag Radiol 9 (2) Mar-Apr 1-59 Wm
simulators of colonic carcinoma in humans, differential diagnosis, includes section on Entamoeba histolytica

Cancer

Ghoneim MA; Awaad HK
1980 J Urol 123 (6) June 850-852 Wa
bilharzial bladder associated with cancer, men, therapeutic response to surgery, radiation, and chemotherapy

Cancer

Green JA; Spruance SL; Cheson BD
1980 Cancer Philadelphia 45 (4) Feb 15 808-810 Wa
Toxoplasma gondii, 24-year-old man with untreated Hodgkin's disease and central nervous system toxoplasmosis, case report, toxoplasmosis successfully treated prior to initiation of anti-neoplastic therapy; previously, CNS-toxoplasmosis has been noted to complicate lymphomas after initiation of anti-neoplastic therapy, but these results suggest lymphoma per se may be a predisposing factor

Cancer

Greentree LB
1981 Med Hypotheses 7 (1) Jan 43-49 Wm
medical hypothesis: use of Plasmodium vivax Madagascar strain as therapy for cancer, this parasite is a potent immunostimulant in that it stimulates the production of phagocytic macrophages to the highest levels thus enhancing the host's natural defenses against harmful antigens, these may well include malignant disease

Cancer

Greenwald ED; Greenwald ES; Brenner SM
1981 N York State J Med 81 (3) Mar 324-326 Wm
extrahepatic bile duct cancer, humans, includes trematodes in etiology

Cancer

Hicks RM; James C; Webbe G
1980 Brit J Cancer 42 (5) Nov 730-755 Wa
Schistosoma haematobium-infected Papio sp., effects of parasite infection and of urine-borne carcinogen on development of urothelial neoplasia; in this model, schistosomiasis supplies proliferative stimulus necessary to accelerate cancer growth from latent tumor foci produced by exposure to low doses of bladder carcinogen

Cancer

Hotho H
1977 Arch Geschwulstforsch 47 (5) 455-461 Wm
Trichomonas vaginalis, human vaginal infection, diagnosed by Papanicolaou smear, possible associations with vaginal cancer and other atypical cell alterations

Cancer

Iablokov DD et al
1981 Arkh Patologii Moskva 43 (2) 95-96 Wm
opisthorchosis, human, associated primary hepatic cancer, clinical report

Cancer

King AC
1980 South African Med J 58 (5) Aug 2 191-193 Wm
regression of mouse sarcoma M(52)B treated with bovine fascia lata extract from animals previously inoculated with Babesia bovis and B. bigemina

Cancer

Komissarenko VG; Shain AA
1981 Voprosy Onkol 27 (1) 36-40 Wm
patients with primary hepatic cancer and non-tumor lesions of liver, delayed hypersensitivity reactions, effect of opisthorchosis invasion (impairment of cellular immunity)

Cancer

Kouba K et al
1981 Ceskoslov Gynek 46 (5) June 365-372 Wm
toxoplasmosis, women with glandular forms of
infection, pseudotumors and mammary cancers
associated with parasite infection, importance
of differential diagnosis and serological
testing for toxoplasmosis

Cancer

Molinari JA; Carrick L; Lubiniecki AS
1979 Tropenmed u Parasitol 30 (4) Dec 429-433
Wa

Trichinella spiralis-infected mice, protection
against sarcoma-180 ascites tumors under
selected conditions of larval dose and chal-
lenge interval

Cancer

Nordstoga K; Landsverk T
1981 Vet Path 18 (4) July 564-566 Wa
Encephalitozoon cuniculi in Alopex lagopus
associated with papillary epicardial meso-
theliomas

Cancer

Rutsaert J et al
1980 Ann Anat Path Paris 25 (2) 125-138 Wm
toxoplasmosis, human cerebral infection compli-
cating Kaposi's sarcoma, clinical case report

Cancer

Sacerdote de Lustig E et al
1980 Medicina Buenos Aires 40 (1) Jan-Feb 43-46
Wm

Trypanosoma cruzi, serological survey, in-
creased incidence of malignant and non-
malignant tumors in Chagasic patients: Ar-
gentina

Cancer

Schwartz DA
1980 Trop and Geogr Med 32 (2) June 95-100 Wa
Opisthorchis viverrini, Clonorchis sinensis,
humans, association with cholangiocarcinoma,
review

Cancer

Schwartz DA
1981 Trop and Geogr Med 33 (1) Mar 1-7 Wa
Schistosoma haematobium, humans, association
between bilharziasis and bladder cancer, re-
view article

Cancer

Sherif M; Ibrahim AS; El-Aaser AA
1980 Scand J Urol and Nephrol Suppl (55) 25-26
Wm
bilharziasis, association with breast and pros-
tatic carcinomas in males: Egypt

Cancer

Sordillo EM et al
1981 J Dermat Surg and Oncol 7 (3) Mar 235-239
Wm
lymphangiosarcoma arising in a chronic lymph-
edema of filarial origin, man, case report, had
been treated 20 years previously in Ghana for
filariasis: New York

Cancer

Thatcher VE; Varella AB
1980 Acta Amazonica 10 (3) 651-656 Lib API In-
dexed from reprint
Ascocotyle sp., relationship between cancer
and trematode in Chaetobranchus semifasciatus
on branchial arch: Iago Janauaca, Amazonas

Cancer

Wedderburn N et al
1981 Ann Trop Med and Parasitol 75 (6) Dec
597-605 Wa

Plasmodium yoelii, contrasting effects of in-
fection on growth of 2 syngeneic transplantable
murine tumours, results indicate malaria is not
universal enhancing agent of oncogenesis and
tumour growth but appears to facilitate induc-
tion and growth of virus-induced lymphomas

Cancer

Zhang S; Zhu S; Wu J
1980 Chinese Med J 93 (12) Dec 843-848 Wm
screening of humans for possible colorectal
cancer showed no evidence of relationship with
schistosomiasis: Haining County, Zhejiang
Province, China

Cannibalism

Armstrong E
1980 Ztschr Parasitenk 63 (2) 145-150 Wa
Nosema whitei in Tribolium castaneum (exper.),
effects of crowding on host mortality and can-
nibalism, pupation and adult emergence, weight
changes, and infection levels

Carbohydrates [See also Biochemistry; Glyco-
proteins; Metabolism]

Carbohydrates

Ando K; Mitsuhashi J; Kitamura S
1980 Am J Trop Med and Hyg 29 (2) Mar 213-216
Wa

Dirofilaria immitis, uptake of amino acids and
glucose by microfilariae maintained in culture
medium for 8 days

Carbohydrates

Chen SN; Howells RE
1981 Ann Trop Med and Parasitol 75 (3) June 329-
334 Wa
Dirofilaria immitis, uptake in vitro of mono-
saccharides, disaccharide and nucleic acid
precursors by adult male and female worms,
transcuticular uptake demonstrated

Carbohydrates

Cornford EM; Bocash WD; Oldendorf WH
1981 J Parasitol 67 (1) Feb 24-30 Wa
Schistosomatium douthitti, transintegumental
glucose uptake in male and female worms, pos-
sible implications for male-female nutritional
relationships

Carbohydrates

Crompton DWT et al
1981 Internat J Parasitol 11 (6) Dec 457-461 Wa
Moniliformis dubius-infected male and female
rats fed on diets containing growth-limiting
amounts of fructose, food intake, weight gain,
and blood sugar; numbers, sex ratio, dry
weight, and location of parasites in small in-
testine of hosts; results can be interpreted to
suggest competition for dietary fructose be-
tween parasite and host

Carbohydrates

D'hondt J; Kondo M
1980 Molec and Biochem Parasitol 2 (2) Dec 113-
121 Wa
Trypanosoma brucei, effect of 3 categories of
carbohydrates on trypanocidal activity of nor-
mal human serum

Carbohydrates

Forsum E; Nesheim MC; Crompton DWT
1981 Parasitology 83 (3) Dec 497-512 Wa
Ascaris suum, young pigs receiving diets low in protein, effects of infection on growth, food intake, nitrogen and fat utilization, intestinal disaccharidase activity, lactose tolerance, and weight of intestinal tract

Carbohydrates

Gupta V; Agarwal SK
1979 Indian J Helminth 29 (1-2) Mar-Sept 1977
93-103 Issued Feb 28 Wa
Gastrothylax crumenifer, in vitro survival in 5 basic salt solutions and in presence of simple carbohydrates, effect of pH, absorption of carbohydrates through cuticle under aerobic conditions

Carbohydrates

Manaiia AC; et al
1981 J Protozool 28 (1) Feb 124-126 Issued June 18 Wa
Leptomonas lactosovorans n. sp. from Zelurus martinisi (midgut), growth in defined medium, nutritional requirements, utilization of lactose as carbon source is unique among trypanosomatids: Goiania, state of Goias, Brazil

Carbohydrates

Parshad VR; Crompton DWT; Nesheim MC
1980 Proc Roy Soc London s B Biol Sc (1175) 209 Aug 13 299-315 Wa
Moniliformis in rats fed on various monosaccharides and disaccharides, parasite growth, reproductive activity, and distribution in host intestine

Carbohydrates

Ruff MD; Wilkins GC
1980 Parasitology 80 (3) June 555-569 Wa
Eimeria spp., in vitro absorption of glucose and L-methionine in 8 regions of small intestine of infected broilers

Carbohydrates

Scofield AM
1980 Internat J Parasitol 10 (5-6) Nov-Dec 375-380 Wa
Nippostrongylus brasiliensis, rats, effect of level of infection on intestinal absorption and metabolism of hexoses, host sex differences

Carbohydrates

de Souza W; Angluster J; Bunn MM
1977 J Submicroscopic Cytol 9 (4) 355-361 Wa
Herpetomonas samuelpessoai grown in defined medium with or without glucose, cytochemical detection of cytochrome oxidase in mitochondrion-kinetoplast complex

Carbohydrates

Susskind BM; Warren LG; Reeves RE
1980 J Parasitol 66 (5) Oct 759-764 Wa
Entamoeba histolytica, incorporation of glucose carbon into ribonucleotides of axenic parasites

Carbohydrates

Uglem GL
1980 J Parasitol 66 (5) Oct 748-758 Wa
Proterometra macrostoma, sugar transport by rediae and cercarial bodies in relation to environmental factors, no sugar transport system detected in adults or cercarial tails

Carbohydrates

Uglem GL; Prior DJ
1980 Exper Parasitol 50 (2) Oct 287-294 Wa
Hymenolepis diminuta, chloride fluxes and membrane potentials associated with sodium-coupled glucose transport

Carbohydrates, Host

Anderson GL
1975 Veliger 17 (3) Jan 1 299-306 Wm
Fabia subquadrata-infected Mytilus californianus, true parasitism in that crab infestation produces predictable deleterious effects (alterations in host glycogen metabolism, diminished reproductive potential through decreased gonadal development): Sonoma County, California

Carbohydrates, Host

Brockelman CR; Sithithavorn P
1980 Ztschr Parasitenk 62 (3) 285-291 Wa
Achatina fulica, carbohydrate reserves and hemolymph sugars in relation to Angiostrongylus cantonensis infection and starvation

Carbohydrates, Host

Crompton DWT et al
1981 Internat J Parasitol 11 (6) Dec 457-461 Wa
Moniliformis dubius-infected male and female rats fed on diets containing growth-limiting amounts of fructose, food intake, weight gain, and blood sugar; numbers, sex ratio, dry weight, and location of parasites in small intestine of hosts; results can be interpreted to suggest competition for dietary fructose between parasite and host

Carbohydrates, Host

Deas JE; Adler KA; Wilson LA
1981 Am J Trop Med and Hyg 30 (3) May 544-554 Wa
Plasmodium berghei, effect on membranes of murine erythrocytes, biochemical and immunological analyses, quantitative but not qualitative changes in membrane proteins and glycoproteins, no antigenic changes detected

Carbohydrates, Host

Findley AM; Blakeney EW jr; Weidner EH
1981 Biol Bull 161 (1) Aug 115-125 Wa
Ameson michaelis-infected Callinectes sapidus, parasite-induced alterations in biochemical composition of host tissues: Louisiana

Carbohydrates, Host

Looker DL; Eges FJ
[1980] J Parasitol 65 (6) Dec 1979 880-885 Issued Apr 2 Wa
Schistosoma mansoni-infected Biomphalaria glabrata, fecundity and egg perivitelline fluid composition (protein and galactogen), results suggest that decreased hemolymph nutrient levels are responsible for inhibition of snail egg production

Carbohydrates, Host

Lowe-Jinde L
1980 J Fish Biol 17 (1) July 23-30 Wa
Cryptobia salmostica-infected Salmo gairdneri (exper.), changes in size, glycogen content of certain vital organs and blood lactic acid and dehydrogenase levels

- Carbohydrates, Host
 Maurois P et al
 1981 Ann Parasitol 56 (1) 9-19 Wa
 Plasmodium chabaudi-infected mice, serum free fatty acids, glycemia, total lipids and hepatic triacylglycerides, composition in fatty acids of free parasites, uninfected red blood cells, and adipose tissue, determination of urinary catecholamines, determination and identification of cis-vaccenic acid, kinetic study
- Carbohydrates, Host
 Mohamed AM; Ishak MM
 1981 Hydrobiologia 76 (1-2) Jan 5 17-21 Wa
 Schistosoma mansoni-infected and normal Biomphalaria alexandrina, growth rate, glycogen content of different body parts, glucose utilization
- Carbohydrates, Host
 Sadek S et al
 1979 Ain Shams Med J 30 (1-2) Jan-Mar 69-76 Wm
 hepatosplenic schistosomiasis, patients, insulin and pro-insulin response to intravenous glucose load vs. normal levels
- Carbohydrates, Host
 Sanchez G; Lockwood J; Chavez R
 1981 Comp Biochem and Physiol 70B (3) 447-450 Wa
 Trypanosoma brucei appears to possess hormone-like substance that stimulates production of glucose from liver glycogen
- Carbohydrates, Host
 Schmidt SP; Platzner EG
 1980 J Invert Path 36 (2) Sept 240-254 Wa
 Romanomermis culicivorax in Culex pipiens (exper.), histopathology, changes in fat body tissue, imaginal disc development, growth, and in hemolymph carbohydrates, amino acids, and proteins
- Carbohydrates, Host
 Scofield AM
 1980 Internat J Parasitol 10 (5-6) Nov-Dec 375-380 Wa
 Nippostrongylus brasiliensis, rats, effect of level of infection on intestinal absorption and metabolism of hexoses, host sex differences
- Carbohydrates, Host
 Scofield AM
 1980 Experientia 36 (12) Dec 15 1404-1405 Wa
 Nippostrongylus brasiliensis, rats, primary vs. secondary infections, intestinal glucose absorption and metabolism, pattern of changes probably related to host immunological activity
- Carbohydrates, Host
 Srivastava VML et al
 1980 Tr Roy Soc Trop Med and Hyg 74 (1) 104-105 Wa
 Litomosoides carinii in Sigmodon hispidus vs. albino rats, difference in pattern of hepatic glycogen appears to have some bearing on host immune status
- Carbohydrates, Host
 Thomas JS
 1974 Veliger 17 (2) Oct 1 207-210 Wm
 Cryptocotyle lingua, Himasthla leptosoma, glycogen and free sugar levels of rediae and of digestive gland and gonad of parasitized and non-parasitized Littorina littorea
- Carbohydrates, Host
 Vincent HM; Wilson RJM
 1980 Tr Roy Soc Trop Med and Hyg 74 (4) 449-451 Wa
 Plasmodium knowlesi, rhesus monkeys, number of lectin binding sites reduced on parasitized erythrocytes, only minor differences found in amounts of iodinated external proteins, results indicate general reduction of accessible sugars to which lectins may bind
- Carbohydrates, Host
 Vivares CP; Cuq JL
 1981 J Invert Path 37 (1) Jan 38-46 Wa
 Thelohania maenadis in Carcinus mediterraneus, effect of infection on certain biochemical components of hemolymph and tissues of host, experimental ecophysiological study analysing effect of variations in environmental water temperature and salinity on proteinemia and glucidic metabolism in healthy vs. parasitized crabs: Vic Lagoon, near Montpellier, France
- Carbohydrates, Host
 Wong TCS; Desser SS
 1980 Canad J Zool 58 (2) Feb 207-214 Wa
 Leucocytozoon dubreuilii, Turdus migratorius (exper.), pathological alterations of parasitized and non-parasitized hepatocytes and renal proximal tubular cells, acid and alkaline phosphatase activities and glycogen distribution determined in parasite and in infected and non-infected host cells
- Carbohydrates, Parasite
 Ahmed FE; Mohammed AHH
 1980 Internat J Parasitol 10 (2) Apr 103-106 Wa
 Haemoproteus, Parahaemoproteus, Haemogregarina, comparison of histochemical stain reactions in different life cycle stages
- Carbohydrates, Parasite
 Aley SB; Scott WA; Cohn ZA
 1980 J Exper Med 152 (2) Aug 1 391-404 Wa
 Entamoeba histolytica, plasma membrane, isolation and some properties
- Carbohydrates, Parasite
 Aomine M
 1981 Comp Biochem and Physiol 68A (2) 131-147 Wa
 Protozoa, carbohydrate transport and utilization, extensive review
- Carbohydrates, Parasite
 Araujo FG; Handman E; Remington JS
 [1981] J Protozool 27 (4) Nov 1980 397-400
 Issued Mar 11 Wa
 Trypanosoma cruzi, qualitative and quantitative variations of carbohydrate determinants on cell surface of 3 developmental stages of 3 parasite strains demonstrated by using lectins with different specificities, results suggest that lectin binding may be useful in characterization of parasite strains
- Carbohydrates, Parasite
 Arroyo-Begovich A; Carabez-Trejo A;
 Ruiz-Herrera J
 1980 J Parasitol 66 (5) Oct 735-741 Wa
 Entamoeba invadens, cyst wall, isolation and purification, demonstration of microfibrillar component and its identification as chitin

- Carbohydrates, Parasite
Augustine PC
1980 Parasitology 81 (3) Dec 519-524 Wa
Eimeria meleagridis, effects of storage time and temperature on amylopectin levels (measured as glucose) and viability (measured as oocyst production and mortality in turkeys)
- Carbohydrates, Parasite
Barreto-Bergter E; Previato JO; Gorin PAJ
1981 Carbohydrate Research 97 (1) Nov 2 156-160 Wa
Leishmania tarentolae, some structural features of polysaccharide components
- Carbohydrates, Parasite
Barrett J
1981 Biochemistry of parasitic helminths 308 pp London (MacMillan Publishers Ltd) Wa(QL392.B3)
- Carbohydrates, Parasite
Baugh SC; Singh JP
1979 Rev Iber Parasitol 39 (1-4) Jan-Dec 223-232 Wa
Raillietina echinobothrida, glycogen distribution
- Carbohydrates, Parasite
Benchimol M et al
1981 J Protozool 28 (3) Aug 337-341 Wa
Tritrichomonas foetus, cell surface carbohydrates
- Carbohydrates, Parasite
Binnington KC; Lane NJ
1980 J Neurocytol 9 (3) June 343-362 Wm
Boophilus microplus, changes in glycogen levels in perineurial cells during feeding, suggests that major function of these cells is trophic, ultrastructural study of perineurial and glial cells
- Carbohydrates, Parasite
Brohn FH; Clarkson AB jr
1980 Molec and Biochem Parasitol 1 (5) Sept 291-305 Wa
Trypanosoma brucei brucei, patterns of glycolysis at 37°C in vitro, maintenance method may be useful in short-term in vitro biochemical and physiological investigations where cultivation is unsuitable
- Carbohydrates, Parasite
Castanheira EB; Gazzinelli G; Figueiredo EA
1981 Comp Biochem and Physiol 68B (3) 467-472 Wa
Schistosoma mansoni, key enzymes of carbohydrate metabolism, activities and isoenzyme electrophoretic patterns in relation to parasite developmental stage and sex and to host origin (permissive vs. non-permissive)
- Carbohydrates, Parasite
Cerkasovova A
1969 Folia Parasitol 16 (4) 297-301 Wa
Tritrichomonas foetus, axenic cultures, levels of pyruvic acid after anaerobiosis and aerobic resynthesis of glycogen from exogenous glucose, deficiency of thiamine in medium responsible for reduced reproductive capability, ATP content after anaerobic glycogen resynthesis in thiamine-deficient vs. normal cultures
- Carbohydrates, Parasite
Cherian PV et al
1980 Internat J Parasitol 10 (3) June 227-233 Wa
Dirofilaria immitis microfilariae, fine structure and cytochemical evidence for presence of polysaccharide surface coat
- Carbohydrates, Parasite
Cornford EM; Bocash WD; Oldendorf WH
1981 J Parasitol 67 (1) Feb 24-30 Wa
Schistosomatium douthitti, transintestinal glucose uptake in male and female worms, possible implications for male-female nutritional relationships
- Carbohydrates, Parasite
Cornford EM; Huot ME
1981 Science (4513) 213 Sept 11 1269-1271 Wa
Schistosoma spp., comparison of hexose assimilation in paired and unpaired males and females, glycogen and protein content of paired and unpaired males and females, demonstration of glucose transfer from males to females
- Carbohydrates, Parasite
Cornish RA; Wilkes J; Mettrick DF
1981 J Parasitol 67 (5) Oct 754-756 Wa
Moniliformis dubius adults, concentrations of some of metabolites in pathway of glucose metabolism, identification of possible regulatory enzymes, differences between male and female worms
- Carbohydrates, Parasite
Das SR et al
1980 Indian J Exper Biol 18 (4) Apr 333-336 Wa
Entamoeba invadens, axenic encystation, apparent correlation between encystation and cellulose biosynthesis, inhibition of morphological differentiation and glucose incorporation by cycloheximide
- Carbohydrates, Parasite
Donahue MJ et al
1981 Biochem and Biophys Research Commun 101 (1) July 16 112-117 Wa
Ascaris suum, evidence that serotonin may be functioning as hormone which regulates glycogen metabolism in parasite muscle (functions by raising cyclic AMP levels, activating phosphorylase, and inactivating glycogen synthase)
- Carbohydrates, Parasite
Donahue MJ et al
1981 Comp Biochem and Physiol 69B (4) 693-699 Wa
Ascaris suum, evidence that key regulatory enzymes for glycogen metabolism in mammalian muscle also exist in parasitic worm muscle, preliminary evidence that cyclic AMP may be regulatory signal for Ascaris glycogen metabolism
- Carbohydrates, Parasite
Donahue MJ et al
1981 J Parasitol 67 (3) June 362-367 Wa
Ascaris suum, activity of enzymes regulating glycogen metabolism in perfused muscle-cuticle sections, new perfusion system should be useful in future studies

- Carbohydrates, Parasite
Donahue MJ et al
1981 J Parasitol 67 (4) Aug 505-510 Wa
Ascaris suum, development of perfusion chamber system for maintaining worms alive in laboratory for several days in nutrient salt solution, glycogen metabolizing enzymes during starvation and feeding of worms maintained in this system
- Carbohydrates, Parasite
Donahue MJ et al
1981 J Parasitol 67 (5) Oct 756-758 Wa
Macracanthorhynchus hirudinaceus, potential carbohydrate regulatory enzymes, metabolite levels
- Carbohydrates, Parasite
Doran TI; Herman R
1981 J Protozool 28 (3) Aug 345-350 Wa
Leishmania donovani, variance in infectivity of promastigotes cultured for 3 vs. 10 days in vitro before inoculation into hamsters, biochemical (enzyme analysis, lectin analysis) and immunological correlates of infectivity
- Carbohydrates, Parasite
Dwyer DM
1980 J Protozool 27 (2) May 176-182 Issued July 17 Wa
Leishmania donovani promastigotes, surface membranes, technique for isolation, partial characterization
- Carbohydrates, Parasite
Dwyer DM
1981 Biochem Parasites (Slutzky) 9-28 Wa
Leishmania donovani, isolated pellicular membrane preparations, structural, chemical, and antigenic properties
- Carbohydrates, Parasite
Dwyer DM; D'Alesandro PA
1980 J Parasitol 66 (3) June 377-389 Wa
Trypanosoma lewisi bloodstream forms, pellicular membrane-microtubule complexes, isolation and characterization
- Carbohydrates, Parasite
Franco da Silveira J; Colli W
1981 Biochim et Biophys Acta 644 (2) June 22 341-350 Wm
Trypanosoma cruzi, chemical composition of plasma membrane from epimastigote forms
- Carbohydrates, Parasite
Frantzis N; Vakirtzi-Lemonias C
1981 Biochem Soc Tr 9 (1) Feb 135-136 Wa
Crithidia fasciculata, concanavalin A receptors of surface membrane
- Carbohydrates, Parasite
Frayha GJ; Haddad R
1980 Internat J Parasitol 10 (5-6) Nov-Dec 359-364 Wa
Echinococcus granulosus, protoscolices and hydatid cyst fluid, comparative chemical composition (electrolytes, nucleic acids, proteins, enzymes, nitrogenous waste products, carbohydrates, lipids), first report of sucrose in parasitic helminth
- Carbohydrates, Parasite
Gaur AS; Agarwal SM
1980 Indian J Exper Biol 18 (12) Dec 1518-1519 Wa
Paramphistomum cervi, quantitative studies of total protein, glycogen, lipids, cholesterol, and inorganic K, Na, and Ca, qualitative studies on free amino acids and sugars
- Carbohydrates, Parasite
Gomez Garcia V
1971 Rev Iber Parasitol 31 (3-4) July-Dec 207-212 Wa
Cysticercus tenuicollis, demonstration of acid mucopolysaccharides in cyst fluid
- Carbohydrates, Parasite
Gomez Garcia V et al
1971 Rev Iber Parasitol 31 (3-4) July-Dec 383-384 Wa
Echinococcus granulosus, ovine, cyst fluid, demonstration of acid mucopolysaccharide with antigenic properties
- Carbohydrates, Parasite
Gorin PAJ; Barreto-Bergter EM; da Cruz FS
1981 Carbohydrate Research 88 (2) Feb 2 177-188 Wa
Trypanosoma cruzi, chemical structure of D-galacto-D-mannan component, ¹³C-N.M.R. shift dependence on structure of D-galactose to D-mannose linkage, resemblances only to minor polysaccharide components of Herpetomonas samuelpeesoai and Crithidia fasciculata (which stimulate resistance against Chagas' disease in laboratory animals)
- Carbohydrates, Parasite
Gruenberg J et al
[1981] J Protozool 27 (4) Nov 1980 484-491 Issued Mar 11 Wa
Trypanosoma brucei brucei, bloodstream forms, role of glycerol permeation in relation to anaerobic metabolism
- Carbohydrates, Parasite
Gupta NK; Kapoor M
[1980] Riv Parassitol Roma 40 (1-2) 1979 63-79 Issued Feb Wa
Cotugnia digonopora, histochemical localization of lipids, carbohydrates, proteins, and nucleic acids
- Carbohydrates, Parasite
Hammond DJ; Bowman IBR
1980 Molec and Biochem Parasitol 2 (2) Dec 63-75 Wa
Trypanosoma brucei, effect of glycerol on anaerobic metabolism of glucose
- Carbohydrates, Parasite
Hammond DJ; Bowman IBR
1980 Molec and Biochem Parasitol 2 (2) Dec 77-91 Wa
Trypanosoma brucei, glycerol kinase and its role in ATP synthesis, glycerol kinase activity of other trypanosomes
- Carbohydrates, Parasite
Hermoso R; Monteoliva M
1970 Rev Iber Parasitol 30 (2-3) Apr-Sept 431-442 Wa
Ascaris lumbricoides, influence of various substances on metabolism of glucose
- Carbohydrates, Parasite
Holder AA; Cross GAM
1981 Molec and Biochem Parasitol 2 (3-4) Feb 135-150 Wa
Trypanosoma brucei, glycopeptides from variant surface glycoproteins, amino acid and sugar composition and partial or complete amino acid sequence, C-terminal location of antigenically cross-reacting carbohydrate moieties

- Carbohydrates, Parasite
Huang TY
1980 Internat J Biochem 12 (3) 457-464 Wa
Schistosoma japonicum, energy metabolism
- Carbohydrates, Parasite
Jarroll EL et al
1981 Molec and Biochem Parasitol 2 (3-4) Feb 187-196 Wa
Giardia lamblia, lipid and carbohydrate metabolism of trophozoites
- Carbohydrates, Parasite
Katzin AM; Lajmanovich S; Gonzalez Cappa SM
1980 Medicina Buenos Aires 40 Suppl (1) 85-90 Wm
Trypanosoma cruzi trypomastigotes, Tulaheun strain, binding carbohydrates on parasite surfaces characterized with different lectins using agglutination and fluorescence tests
- Carbohydrates, Parasite
Kaul CL; Grewal RS; Sen HG
1980 Indian J Exper Biol 18 (7) July 745-746 Wa
Necator americanus adults, glucose uptake and glycogen synthesis
- Carbohydrates, Parasite
Kazakauskaitė IaS
1980 Tsitologija 22 (7) July 850-855 Wa
Sarcocystis ovifelis, cysts and cyst stages (merozoites), morphology, cytochemistry
- Carbohydrates, Parasite
Krassner SM; Flory B
1977 Acta Trop 34 (2) June 157-166 Wa
Leishmania tarentolae, *L. donovani*, *Trypanosoma scelopori*, culture forms, physiologic interactions between L-proline and D-glucose, review
- Carbohydrates, Parasite
Kulkarni GK; Nagabhushanam R
1977 Marathwada Univ J Sc (Nat Sc) 16 (9) 241-247 Wa
Poecilobdella viridis, biochemical constituents studied monthly to determine variability in course of reproductive cycle
- Carbohydrates, Parasite
Labastie MC et al
1981 Biochem and Biophys Research Commun 99 (2) Mar 31 729-736 Wa
Trypanosoma equiperdum, variant specific glycoproteins, cross reacting determinants and chemical studies
- Carbohydrates, Parasite
Lawson JR; Wilson RA
1980 Parasitology 81 (2) Oct 337-348 Wa
Schistosoma mansoni cercariae, effect of water temperature on longevity, utilization of endogenous glycogen reserve during ageing
- Carbohydrates, Parasite
de Lederkremer RM et al
1980 FEBS Letters 116 (1) July 14 25-29 Wm
Trypanosoma cruzi, evidence for presence of D-galactofuranose in lipopeptidophosphoglycan, modification and tritium labeling
- Carbohydrates, Parasite
Levenbook L; Boctor FN; Fales HM
1980 J Insect Physiol 26 (6) 381-383 Wa
Dermacentor andersoni, free sugars in eggs, embryos, and adult haemolymph
- Carbohydrates, Parasite
Lindmark DG
1980 Molec and Biochem Parasitol 1 (1) Mar 1-12 Wa
Giardia lamblia, carbohydrate and energy metabolism, enzyme activities
- Carbohydrates, Parasite
Mack SR; Mueller M
1980 Comp Biochem and Physiol 67B (2) 213-216 Wa
Trichomonas vaginalis, end products of carbohydrate metabolism
- Carbohydrates, Parasite
McManus DP
1981 J Helminth 55 (1) Mar 21-27 Wa
Echinococcus granulosus, adult and cystic stages of human and animal origin from Kenya, biochemical composition, metabolic studies, results suggest unusually complex strain situation
- Carbohydrates, Parasite
Marr JJ; Berens RL
1977 Acta Trop 34 (2) June 143-155 Wa
Crithidia fasciculata, *Leishmania donovani*, *L. braziliensis*, glycolysis, review
- Carbohydrates, Parasite
Mauras G et al
1980 Biochem and Biophys Research Commun 97 (3) Dec 16 906-912 Wa
Toxoplasma gondii, partial resolution of sugar content of surface membrane
- Carbohydrates, Parasite
Miller PGG; Klein RA
1980 J Gen Microbiol 116 (2) Feb 391-396 Wa
Trypanosoma brucei, *T. evansi*, effects of oligomycin on glucose utilization and calcium transport
- Carbohydrates, Parasite
Mukkada AJ
1977 Acta Trop 34 (2) June 167-175 Wa
Leishmania spp., enzymes of tricarboxylic acid and glyoxylate cycles, review
- Carbohydrates, Parasite
Narsimha Rao L
1979 J Zool Soc India 27 (1-2) June-Dec 1975 81-84 Issued May Wa
Tremiorchis ranarum, *Ganeo tigrinum*, glycogen content and amount of reserves utilized
- Carbohydrates, Parasite
Nash TE; Lunde MN; Cheever AW
1981 J Immunol 126 (2) Feb 805-810 Wm
Schistosoma mansoni, analysis and antigenic activity of carbohydrate fraction derived from adult worms, ELISA, radioimmunoassay, relationship of antibody response to length and intensity of infection
- Carbohydrates, Parasite
Nuessen ME; Jeska EL
1981 J Infect Dis 143 (1) Jan 71-75 Wa
Ascaris suum juveniles, carbohydrate-like substances on parasite surfaces plus presence of magnesium cations involved in attachment of phagocytic cells to parasites, probably early nonspecific mechanism of host resistance not dependent on presence of antibody or complement

- Carbohydrates, Parasite
Oaks JA; Mueller JF
1981 J Parasitol 67 (3) June 325-331 Wa
Spirometra mansonioides, carbohydrate distribution within vesicles of tegumental cytoplasm of proceroid, distribution of vesicular types among regions of tegumental/perikaryal complex
- Carbohydrates, Parasite
Parodi AJ; Quesada Allue LA; Cazzulo JJ
1981 Proc National Acad Sc 78 (10) Biol Sc Oct 6201-6205 Wa
Crithidia fasciculata, pathway of protein glycosylation
- Carbohydrates, Parasite
Pereira MEA et al
1980 J Exper Med 152 (5) Nov 1 1375-1392 Wa
Trypanosoma cruzi, cell surface carbohydrates detectable by lectins are characteristic markers of different developmental stages, sialic acid residues demonstrated on epimastigotes and shown to be specific receptor sites for wheat germ agglutinin, new approach for isolation of trypanosome subpopulations and of cell surface receptor sites could be based on findings
- Carbohydrates, Parasite
Rathaur S; Anwar N; Ghatak S
1980 Ztschr Parasitenk 62 (1) 85-93 Wa
Setaria cervi, microfilariae and adults, biochemical composition
- Carbohydrates, Parasite
Rautenberg P; Reinwald E; Risse HJ
1980 Parasitology 80 (1) Feb 113-122 Wa
Trypanosoma congolense, demonstration of glycoprotein character of surface coat protein and of exteriorly exposed carbohydrate residues of surface coat
- Carbohydrates, Parasite
Rubiolo ER; Vottero-Cima E
1980 Medicina Buenos Aires 40 Suppl (1) 115-120 Wm
Trypanosoma cruzi, epimastigotes, fractionation of crude extract into polysaccharide and protein bands, detection of antigenic activity
- Carbohydrates, Parasite
Rumjanek FD
1980 Comp Biochem and Physiol 65B (2) 345-349 Wa
Schistosoma mansoni, mannolipid participating in glycosyl transferase reaction, partial purification and characterization
- Carbohydrates, Parasite
Sharma AN; Sharma PN
1980 Indian J Exper Biol 18 (11) Nov 1282-1287 Wa
Ceylonocotyle scoliocoelium, histochemical localization of proteins, lipids, glycogen, DNA, RNA, acid phosphatase, and succinate dehydrogenase in various stages of spermatogenesis
- Carbohydrates, Parasite
Sharma PN; Mandawat S; Sharma AN
1981 J Helminth 55 (2) June 141-148 Wa
Ceylonocotyle scoliocoelium, Mehlis' gland, non-enzymatic and enzymatic histochemistry, physiological implications
- Carbohydrates, Parasite
Sherman IW
1979 Microbiol Rev 43 (4) Dec 453-495 Wa
Plasmodium, life cycle, biochemical determinants of parasite specificity for host cells, morphology and growth of blood stages, morphological alterations of infected cells, membrane structure and function in malaria, metabolic pathways (carbohydrate transport and metabolism; nucleic acids; protein synthesis; lipid biosynthesis; vitamins and cofactors; cation alterations), review
- Carbohydrates, Parasite
Siddiqui AA; Nizami WA
1981 J Helminth 55 (2) June 89-93 Wa
Clinostomum complanatum, metacercariae, biochemical composition and carbohydrate metabolism
- Carbohydrates, Parasite
Simpson AJG; Smithers SR
1980 Parasitology 81 (1) Aug 1-15 Wa
Schistosoma mansoni, characterization of exposed carbohydrates on surface membrane of adult males by analysis of lectin binding
- Carbohydrates, Parasite
Souto-Padron T et al
1980 Ztschr Parasitenk 62 (2) 127-143 Wa
Leptomonas samueli, promastigotes, fine structure, cytochemistry
- Carbohydrates, Parasite
Strickler JE; Patton CL
1980 Proc National Acad Sc 77 (3) Mar 1529-1533 Wa
Trypanosoma brucei brucei, relatively simple medium that allows specific labeling of carbohydrate portion of glycoproteins, majority of label appears in variable surface coat glycoprotein, inhibitor studies using tunicamycin or cycloheximide
- Carbohydrates, Parasite
Szarfman A; Queiroz T; de Souza W
1980 J Parasitol 66 (6) Dec 1055-1057 Issued May 6 1981 Wa
Trypanosoma cruzi epimastigote and trypomastigote forms, mobility of concanavalin A receptors
- Carbohydrates, Parasite
Taft SJ
1979 Proc Helminth Soc Washington 46 (1) Jan 64-69 Issued Mar 14 Wa
Cyclocoelum oculoem from Fulica americana (orbit), histochemistry of miracidial and early redial stages
- Carbohydrates, Parasite
Tanaka RD; MacInnis AJ
1980 J Parasitol 66 (2) Apr 354-355 Wa
Moniliformis dubius, pseudocoelomic fluid, amino acids, glucose, and malate concentrations, osmolality
- Carbohydrates, Parasite
Thomas JS
1974 Veliger 17 (2) Oct 1 207-210 Wm
Cryptocotyle lingua, Himasthla leptosoma, glycogen and free sugar levels of rediae and of digestive gland and gonad of parasitized and non-parasitized Littorina littorea

- Carbohydrates, Parasite
Torpier G; Capron A
1980 J Ultrastructure Research 72 (3) Sept 325-335 Wa
Schistosoma mansoni, surface tegumental membrane sugars examined using concanavalin A and wheat germ agglutinin, intramembrane particle movements associated with binding of lectins on parasite surface
- Carbohydrates, Parasite
Umezurike GM; Anya AO
1980 Internat J Parasitol 10 (3) June 175-180 Wa
Fasciola gigantica, carbohydrate energy metabolism
- Carbohydrates, Parasite
Villalta F et al
1980 J Parasitol 66 (6) Dec 1053-1055 Issued May 6 1981 Wa
Trypanosoma cruzi amastigotes, concanavalin A binding receptors
- Carbohydrates, Parasite
Visser N; Opperdoes FR
1980 European J Biochem 103 (1-3) Jan-Feb 623-632 Wa
Trypanosoma brucei, glycolysis
- Carbohydrates, Parasite
Voorheis HP
1980 Biochem Soc Tr 8 (3) June 273-275 Wm
Trypanosoma brucei, energized amino acid transport requires glycolytic intermediate
- Carbohydrates, Parasite
van Vugt F
1980 Vet Sc Commun 3 (4) Mar 299-316 Wa
Fasciola hepatica adults, energy metabolism, review
- Carbohydrates, Parasite
Ward PFV; Coadwell WJ; Huskisson NS
1981 Parasitology 82 (1) Feb 17-22 Wa
Ostertagia circumcincta, glucose metabolism of adults in vitro
- Carbohydrates, Parasite
Warton A; Honigberg BM
[1981] J Protozool 27 (4) Nov 1980 410-419 Issued Mar 11 Wa
Trichomonas vaginalis, 2 strains differing in pathogenicity, lectin analysis of surface saccharides
- Carbohydrates, Parasite
Wong TCS; Desser SS
1980 Canad J Zool 58 (2) Feb 207-214 Wa
Leucocytozoon dubreuilii, Turdus migratorius (exper.), pathological alterations of parasitized and non-parasitized hepatocytes and renal proximal tubular cells, acid and alkaline phosphatase activities and glycogen distribution determined in parasite and in infected and non-infected host cells
- Carbohydrates, Parasite
Wong HA; Fernando MA
1981 Internat J Parasitol 11 (3) June 197-199 Wa
Ancylostoma caninum, glucose absorption for glycogen synthesis, effect of temperature and glucose concentration in the presence or absence of dog serum
- Carbon dioxide
Holscher KH; Gearhart HL; Barker RW
1980 Ann Entom Soc Am 73 (3) May 15 288-292 Wa
Amblyomma americanum, A. maculatum, Dermacentor variabilis, olfactory perception of carbon dioxide, effect of sex, age, humidity, temperature, and carbon dioxide preconditioning; field study with laboratory-reared A. americanum adults of various ages
- Carbon dioxide
Ovington KS; Bryant C
1981 Internat J Parasitol 11 (3) June 221-228 Wa
Hymenolepis diminuta, rejection of hypothesis that ambient carbon dioxide levels determine end-products of energy metabolism
- Carbon dioxide
Ward PFV; Huskisson NS
1980 Parasitology 80 (1) Feb 73-82 Wa
Haemonchus contortus adults, role of carbon dioxide in metabolism in vitro
- Carbon dioxide
Yoshida T
1980 Applied Entom and Zool 15 (3) Aug 198-206 Wa
Haemaphysalis longicornis larvae, measuring apparatus for recording larval movement; diurnal activity and behavior during light and darkness and at different temperatures, tick response to increased CO₂ in air, theory for host perception
- Cardiovascular system [See also Blood; Heart; Lymphatic system]
- Cardiovascular system
Ashizawa H et al
1980 Bull Fac Agric Miyazaki Univ 27 (2) Dec 243-249 Wa
Dirofilaria immitis in Vulpes vulpes japonica (heart), pathology of pulmonary arterial system: Oita Prefecture
- Cardiovascular system
Carranza C et al
1980 Rev Med Chile 108 (11) Nov 1002-1010 Wm
Chagas disease, humans, subclinical cardiovascular infections, non-invasive diagnostic tests (EKG, chest X-ray etc.) are useful
- Cardiovascular system
Dwivedi JN; Rasul AR; Ridha AM
1981 Zentralbl Vet-Med Reihe B 28 (1) 82-86 Wa
onchocerciasis, cattle, aortic lesions, gross and histopathologic findings: Mosel Province, Iraq
- Cardiovascular system
El Masri SH et al
1980 Brit J Surg 67 (2) Feb 111-114 Wm
human bilharzial hepatic fibrosis, haemodynamic changes observed before and following splenectomy and vasoligation
- Cardiovascular system
Ferreira CS et al
1980 Arq Brasil Cardiol 34 (2) Feb 81-86 Wm
Chagas disease, patients with chronic infection, comparative pre- and post-mortem angiography of circulation of coronary arteries

Cardiovascular system

Guelrud M; Beker S
1974 Am J Gastroenterol 62 (6) Dec 504-508 Wm
32 patients with portal hypertension, 20 cirrhosis vs. 12 schistosomal fibrosis, differentiation of these 2 entities by means of wedged hepatic vein angiography

Cardiovascular system

Leite Sobrinho GB; Rocha PR; da Silva AL
1979 AMB Rev Ass Med Brasil 25 (10) Oct 346-348 Wm
[Schistosoma] mansoni, patients with portal hypertension syndrome, inferior cavography used to study pathological results of hypertension, findings compared with normal subjects

Cardiovascular system

Munnell JF et al
1980 Am J Vet Research 41 (7) July 1108-1112 Wa
Dirofilaria immitis, dogs (exper.), intimal lesions of pulmonary artery

Cardiovascular system

Nagy BA; File SK; Smith JH
1981 Am J Trop Med and Hyg 30 (5) Sept 999-1009 Wa
Schistosoma mansoni-infected mice, changes in enteric vasculature, findings suggest that splanchnic arterial-portal venous shunts add hyperkinetic component to intrahepatic portal venous obstruction and synergistically result in portal hypertension

Cardiovascular system

Rawlings CA
1980 Am J Vet Research 41 (2) Feb 244-249 Wa
Dirofilaria immitis, dogs, surgical addition of adult worms and/or microfilariae did not produce either pulmonary arterial hypertension or increase right ventricular pressure and force of contraction

Cardiovascular system

Rawlings CA
1980 Am J Vet Research 41 (3) Mar 319-325 Wa
Dirofilaria immitis, dogs, cardiopulmonary function during infection and after treatment

Cardiovascular system

Saraiva RA et al
1980 Trop Doctor 10 (2) Apr 62-65 Wm
Trypanosoma cruzi, humans, response of cardiovascular system to general anesthesia, parasitic infection does not increase risk but with associated cardiopathy the risk is increased

Cardiovascular system

Schaub RG; Rawlings CA
1980 Am J Vet Research 41 (7) July 1082-1089 Wa
Dirofilaria immitis, dogs (exper.), pulmonary vascular response during various stages of infection, scanning electron microscopy

Cardiovascular system

Thrall DE et al
1980 Am J Vet Research 41 (1) Jan 81-90 Wa
Dirofilaria immitis, dogs (exper.), radiographic changes occurring in cardiopulmonary system

Cardiovascular system

Van Marck EAE et al
1979 Ann Soc Belge Med Trop 59 (1) Mar 33-47 Wa
Schistosoma mansoni-infected mice with partial ligation of the portal vein, light and electron microscopic study of resulting pathology of the kidneys, collateral circulation is apparently not an absolute requirement for glomerulopathy and immune deposits to develop

Cardiovascular system

Wyler DJ; Quinn TC; Chen LT
1981 J Clin Invest 67 (5) May 1400-1404 Wa
Plasmodium berghei, mice, clearance of damaged uninfected erythrocytes undergoes similar alterations during acute malaria as infected erythrocytes, observations support hypothesis that altered rheologic properties of infected erythrocytes are major determinant of their removal by spleen, data suggest that alterations in splenic microcirculation that occur during malaria may have important implications for host defense

Carriers See Disease transmission; Vectors

Castration, Parasitic See Sex and parasitism

Catabolism See Metabolism

Celebes See Indonesia, Celebes

Cell division See Gametogenesis; Meiosis; Mitosis; Reproduction

Cell-mediated immunity See Immunity, Antibody-dependent cell-mediated; Immunity, Cell-mediated

Cellular immunity See Immunity, Antibody-dependent cell-mediated; Immunity, Cell-mediated

Centrifugation

Andrews JS jr; Ellner JJ; Stevens DP
1980 Am J Trop Med and Hyg 29 (1) Jan 12-15 Wa
Giardia muris, method for purification of large quantities of trophozoites from intestine of mice by using density layer centrifugation and nylon fiber columns

Centrifugation

Cornelissen AWCA; Overdulve JP; Hoenderboom JM
1981 Parasitology 83 (1) Aug 103-108 Wa
Isospora (Toxoplasma) gondii, quick method for high yield separation of cysts and cystozoites from large amounts of mouse brain tissue by centrifugation on continuous density gradient of Percoll

Centrifugation

Duvallet G et al
1979 Nouv Presse Med 8 (3) Jan 20 214-215 Wm
African trypanosomiasis, humans, diagnosis, haematocrit centrifugation technique

Centrifugation

Eugui EM; Allison AC
1979 Bull World Health Organ 57 suppl 1 181-187 Wa
Plasmodium spp., metrizamide density gradients for separation of different developmental stages of malarial parasites

Centrifugation

Feldmeier H; Bienzle U; Schuh D
1981 Tr Roy Soc Trop Med and Hyg 75 (2) 251-253
Wa
microfilariae in peripheral blood, combination of techniques for concentration and identification (density gradient centrifugation, membrane filtration, supravital staining procedure)

Centrifugation

Gochnauer TA; Margetts VJ
1980 J Invert Path 36 (2) Sept 278-280 Wa
Nosema apis, continuous-flow centrifugation for concentrating spores from large samples of infected honeybees

Centrifugation

Ito S
1980 Nippon Zyuisi-Kai Zassi (J Japan Vet Med Ass) 33 (9) Sept 424-429 Wa
nematode eggs in bovine feces, identification and counting using Wisconsin sugar centrifugal-flotation technique

Centrifugation

Lumsden WHR et al
1981 Tr Roy Soc Trop Med and Hyg 75 (2) 242-250
Wa
sleeping sickness, human, field diagnosis, miniature anion-exchange/centrifugation technique, comparison with microhaematocrit buffy-coat microscopy method and thick blood film: Ivory Coast

Centrifugation

Lumsden WHR; Evans DA; Kimber CD
1980 Tr Roy Soc Trop Med and Hyg 74 (1) 40-42
Wa
Dipetalonema perstans, microfilaraemia, diagnosis in field using miniature anion-exchange/centrifugation technique, prevalence by locality groups, sex, and age: The Gambia

Centrifugation

Markiw ME; Wolf K
1980 Canad J Fish and Aquatic Sc 37 (12) Dec 2225-2227 Wa
Myxosoma cerebralis infection in trout, diagnosis, trypsinization of plankton centrifuge harvests increases optical clarity and spore concentration

Centrifugation

Opperdoes FR
1981 Molec and Biochem Parasitol 3 (3) July 181-186 Wa
Trypanosoma brucei, rapid method for isolation of intact glycosomes by Percoll-gradient centrifugation in vertical rotor, glycolytic enzymes of isolated glycosomes exhibit high lability indicative of intact glycosomal membrane

Centrifugation

Pieron R et al
1980 Med Trop 40 (3) May-June 259-264 Wm
Schistosoma haematobium, humans, diagnostic techniques compared (centrifugation of urine, rectal mucosa biopsy, indirect immunofluorescence test)

Centrifugation

Rajasekariah GR; Rickard MD; Mitchell GF
1980 J Parasitol 66 (2) Apr 355-356 Wa
Taenia pisiformis, separation of hatched and activated oncospheres from embryophoric debris using density-gradient centrifugation methods to avoid contamination in antigen preparations

Centrifugation

Sato R; Watanabe H
1980 J Sericult Sc Japan 49 (6) Dec 512-516 Wa
Nosema bombycis, purification of mature spores by iso-density equilibrium centrifugation

Centrifugation

Toro Benitez M et al
1979 Acta Cien Venezolana 30 (5) 502-506 Wa
Trypanosoma vivax, cattle (exper.), diagnosis, haematocrit centrifugation technique

Centrifugation

Toro M; Leon E; Lopez R
1981 Vet Parasitol 8 (1) Feb 23-29 Wa
Trypanosoma vivax, cattle (nat. and exper.), diagnosis, haematocrit centrifugation technique compared with wet film, thin and thick stained smears, and lymph node aspirate examination techniques

Centrifugation

Tosta CE et al
1980 Exper Parasitol 50 (1) Aug 7-15 Wa
Plasmodium yoelii, P. berghei, isolation of infected erythrocytes from blood by colloidal silica gradient centrifugation

Centrifugation

Young RR; Trajstman AC
1980 Parasitology 80 (3) June 425-431 Wa
strongyloid infective larvae, rapid technique for recovery from pasture and soil samples based upon centrifugal flotation technique, mathematical model of technique

Checklists See Indices

Chile

Apt W
1970 Folia Parasitol 17 (2) 103-111 Issued June
Wa
Parasitic diseases in Chile, review

Chile

Frenzel A et al
1979 Rev Med Chile 107 (4) Apr 343-351 Wm
intestinal parasites, young children, relationship to infections in persons preparing the children's food and in sanitary conditions in their homes: Chile

Chile

Puga S et al
1980 Rev Med Chile 108 (7) July 608-611 Wm
Protozoa and helminths, human, prevalence according to age, sanitation of homes: Provincia Valdivia, Chile

Chile

Soto J et al
1979 Rev Chilena Pediat 50 (4) July-Aug 75-79
Wm
enteroparasites, preschool children, prevalence survey, 1976-1978: Antofagasta

Chile

Torres P et al
1980 Bol Chileno Parasitol 35 (3-4) July-Dec 55-61 Wm
intestinal parasites of human population and of domestic animals (dogs, pigs), incidence survey: area of Calafquen Lake, Chile

Cholelithiasis See Gall bladder

Chromatin

Astolfi S filho; de Sa CM; Gander ES
1980 Molec and Biochem Parasitol 1 (1) Mar 45-53
Wa

Trypanosoma cruzi, chromatin structure, organized in repeating units with nucleosomes containing about 200 base pairs of DNA associated with histones

Chromatin

Benat P; Paoletti J; Riou G
1981 Molec and Biochem Parasitol 2 (3-4) Feb 167-176 Wa

Trypanosoma cruzi organisms sensitive and resistant to ethidium bromide, subunit organization of chromatin

Chromatin

Davis AH; Carter CE
1980 Exper Cell Research 128 (1) July 59-62 Wa
Ascaris suum, chromosome diminution, chromatin structure, mechanism underlying increased histone-DNA ratios remains unclear

Chromatin

Grossman AI; Cain GD
1981 J Helminth 55 (1) Mar 71-78 Wa
Megalodiscus temperatus, Philophthalmus gralli, karyotypes, mitotic chromosome number and morphology, C-heterochromatin; possible mechanisms of chromosomal dimorphism in M. temperatus and its significance in evolution of sex-chromosome differentiation in trematodes

Chromatin

Grossman AI; McKenzie R; Cain GD
1980 J Parasitol 66 (2) Apr 368-370 Wa
Schistosoma mansoni, demonstration of sex heterochromatin in mitotic chromosomes

Chromatin

Rubio J; Rosado Y; Castaneda M
1980 Canad J Biochem 58 (11) Nov 1247-1251 Wa
Trypanosoma cruzi epimastigotes, chromatin found to be arranged in subunit structure by demonstration of (i) nu-bodies, (ii) monomeric and oligomeric DNA fragments, and (iii) 4 basic nuclear proteins

Chromatin

Wunderlich F; Falk H; Koenigk E
1980 J Parasitol 66 (6) Dec 1063-1065 Issued May 6 1981 Wa
Plasmodium knowlesi, nucleosomal organization of chromatin

Chromatography

Gardiner PR et al
1980 J Protozool 27 (2) May 182-185 Issued July 17 Wa
Trypanosoma brucei infective forms produced in tsetse fly salivary gland culture system, structure, method for separation using DEAE-cellulose column chromatography

Chromatography

Monteoliva M; Hermoso R; Sanchez M
1979 Rev Iber Parasitol 39 (1-4) Jan-Dec 9-17 Wa
Ascaris lumbricoides, biochemical diagnosis, gas chromatography of volatile fatty acids in urine, small gut, and excrement of parasitized and non-parasitized pigs

Chromatography

Schmatz DM; Murray PK
1981 J Parasitol 67 (4) Aug 517-521 Wa
Trypanosoma cruzi, single-step anion-exchange procedure for purification of trypomastigotes and amastigotes from supernatant fluid of infected muscle cell cultures

Chromosomes [See also Genetics]

Chromosomes

Atkinson KH
1980 Canad J Genetics and Cytol 22 (1) 143-147 Wa
Schistosoma rodhaini, chromosome analysis, comparison to S. mansoni, distinction of chromosomes of similar species of schistosomes may be important for field identification of parasites and in elucidating evolution of schistosomes

Chromosomes

Biocca E et al
1979 Atti Accad Naz Lincei Roma s 8 Rendic Cl Sc Fis Mat e Nat 65 2 sem (3-4) Sept-Oct 1978 133-140 Wa
Parascaris univalens [n. sp.], P. equorum, considered two distinct species on basis of morphological and karyological characters, and electrophoretic study of enzyme loci

Chromosomes

Bullini L et al
1979 Atti Accad Naz Lincei Roma s 8 Rendic Cl Sc Fis Mat e Nat 65 2 sem (3-4) Sept-Oct 1978 151-156 Wa
Parascaris univalens, P. equorum, karyotypes, chromosome morphology, electrophoretic study

Chromosomes

Davis AH; Carter CE
1980 Exper Cell Research 128 (1) July 59-62 Wa
Ascaris suum, chromosome diminution, chromatin structure, mechanism underlying increased histone-DNA ratios remains unclear

Chromosomes

De Jong JH; Lobbes PV; Bolland HR
1981 Genetica 55 (3) June 12 187-190 Wa
Hypoaspis aculeifer, Cosmolaelaps miles, karyotypes, sex determination, arrhenotokous parthenogenesis underlies haplo-diploidy in these species

Chromosomes

Grey AJ; Mackiewicz JS
1980 Internat J Parasitol 10 (5-6) Nov-Dec 397-407 Wa
Glaridacris catostomi, mitotic and meiotic chromosomes, diploidy, triploidy, and parthenogenesis, taxonomic and evolutionary implications

Chromosomes

Grossman AI; Cain GD
1981 J Helminth 55 (1) Mar 71-78 Wa
Megalodiscus temperatus, Philophthalmus gralli, karyotypes, mitotic chromosome number and morphology, C-heterochromatin; possible mechanisms of chromosomal dimorphism in M. temperatus and its significance in evolution of sex-chromosome differentiation in trematodes

Chromosomes

Grossman AI; McKenzie R; Cain GD
1980 J Parasitol 66 (2) Apr 368-370 Wa
Schistosoma mansoni, demonstration of sex heterochromatin in mitotic chromosomes

- Chromosomes**
Grossman AI; Short RB; Kuntz RE
1981 J Parasitol 67 (1) Feb 41-44 Wa
Schistosoma rodhaini, S. mattheei, S. intercalatum, karyotypes
- Chromosomes**
Homsher PJ; Yunker CE
1981 J Med Entom 18 (1) Feb 20 89-91 Wa
Dermacentor andersoni from laboratory-reared colony, bilateral gynandromorphism, morphologic and cytogenetic analysis, dimorphism is result of unequal distribution of sex-linked chromosomes
- Chromosomes**
Le Jambre LF; Royal WM
1980 Internat J Parasitol 10 (4) Aug 281-286 Wa
Haemonchus contortus, H. placei, meiotic abnormalities in backcross lines of hybrid Haemonchus
- Chromosomes**
LoVerde PT; Frederickson DW
1978 Proc Helminth Soc Washington 45 (2) July 158-161 Issued Aug 30 Wa
Cotylogaster occidentalis, chromosome number (2n = 12) and morphology, meiotic chromosomes observed for Cotylaspis insignis (haploid number = 11, 2n = 22); phylogenetic implications of chromosome numbers in the Aspidogastrea
- Chromosomes**
LoVerde PT; Kuntz RE
1981 J Parasitol 67 (5) Oct 726 Wa
Gigantobilharzia huronensis, Schistosoma bovis, S. intercalatum, S. mattheei, chromosome numbers
- Chromosomes**
Osburn RL; Davey RB; Thompson GD
1980 Ann Entom Soc Am 73 (5) Sept 613-616 Wa
Boophilus annulatus, B. microplus, testes development, timing and occurrence of spermatogenesis, karyotypes
- Chromosomes**
Rausch VR; Rausch RL
1981 Canad J Genetics and Cytol 23 (1) 151-154 Wa
Echinococcus multilocularis, description of karyotype
- Chromosomes**
Roth GE; Moritz KB
1981 Chromosoma 83 (2) 169-190 Wa
Ascaris suum, restriction enzyme analysis of germ line limited DNA
- Chromosomes**
Rubio J; Rosado Y; Castaneda M
1980 Canad J Biochem 58 (11) Nov 1247-1251 Wa
Trypanosoma cruzi epimastigotes, chromatin found to be arranged in subunit structure by demonstration of (i) nu-bodies, (ii) monomeric and oligomeric DNA fragments, and (iii) 4 basic nuclear proteins
- Chromosomes**
Short RB; Grossman AI
1981 J Parasitol 67 (5) Oct 661-671 Wa
Schistosoma mansoni, S. rodhaini, conventional Giemsa and C-banded karyotypes with particular attention to sex chromosomes, differences between species
- Chromosomes**
Solari AJ
1980 Chromosoma 78 (2) 239-255 Wa
Trypanosoma cruzi, 3-dimensional fine structure of mitotic spindle
- Chromosomes**
Thomas C; Prasad RS
1980 Cytobios (114) 29 109-114 Wa
Ctenocephalides orientis, observations on sex-determining mechanism and chromosomal behavior during mitosis and meiosis, first report of chromosome elimination in Siphonaptera
- Chromosomes**
Tripathy NK; Misra SS; Das CC
1980 Current Sc Bangalore 49 (24) Dec 20 950-951 Wa
Boophilus microplus, Rhipicephalus sanguineus, meiosis
- Chromosomes**
Uspenskaia AV
1981 Tsitologiya 23 (5) May 570-580 Wa
Henneguya zschokkei, nuclear ploidy of different life cycle stages, cytophotometric investigation of nuclear DNA content, electron microscopy, comparison with other Myxosporidia, 2 possible schemes of nuclear and cellular divisions during sporogenesis of diplosporoblastic Myxosporidia
- Chromosomes**
Valero A; Pretel A
1979 Rev Iber Parasitol 39 (1-4) Jan-Dec 119-122 Wa
Marshallagia marshalli, spermatogenesis, chromosomes, presence of extra chromosome
- Chromosomes**
Venkat Reddy P; Subramanyam S
1980 Acta Zool et Path Antverpiensia (75) Oct 3-7 Wa
Megalotriotrema hispidum, chromosome study, Rana tigrina (intestines)
- Chromosomes**
Vijayaraghavan S; Subramanyam S
1980 Ztschr Parasitenk 63 (1) 65-70 Wa
Acanthotaenia multitesticulata, chromosome numbers during gametogenesis
- Chyluria**
Ashok PP et al
1979 Acta Neurol Scand 59 (4) Apr 200-210 Wm
filariasis, patients with chyluria, muscle weakness is myopathic without peripheral nerve involvement, possibly due to hypoproteinaemia and hypolipidaemia from loss of protein and fat in urine
- Chyluria**
Date A et al
1980 Tr Roy Soc Trop Med and Hyg 74 (1) 137 Wa
patients with filarial chyluria, lymphocytopenia
- Chyluria**
Waugh DA; Alexander JH; Ibels LS
1980 Austral and N Zealand J Med 10 (5) Oct 559-562 Wm
filariasis, humans with chyluria and associated glomerulonephritis, clinical report, evidence to suggest that glomerulonephritis may be an immune complex type

- Circadian rhythms See Periodicity
- Circulatory system See Cardiovascular system
- Circumoval precipitin test See Immunity, Precipitation
- Cirrhosis See Liver
- Climate and weather [See also Humidity; Overwintering; Temperature]
- Climate and weather
Anderson N et al
1978 Epidemiol and Control Gastrointest Parasites Sheep Australia 23-51 Wa
nematodes, sheep, epidemiology, control, seasonal distribution in various rainfall zones, review: Australia
- Climate and weather
Anderson RM
1980 Lecture Notes Biomath 39 278-322 Wa
mathematical framework to describe dynamics of direct life cycle helminth parasites, general properties of model with attention focused on transmission threshold and unstable break-points, methods of predicting trends in prevalence and intensity of infection within age-structured populations, dynamics of *Necator americanus* infections (model predictions compared with data from India and Taiwan), significance of seasonal climatic change and spatial heterogeneity, analysis of effectiveness of various control methods, future research needs, symposium presentation
- Climate and weather
Ansari MZ; Singh KS
1981 Indian J Animal Sc 51 (4) Apr 459-465 Wa
Gaigeria pachyscelis, goats, sheep, monthly incidence and intensity of infection, effect of temperature and relative humidity on embryonic development and hatching of eggs and on formation of pre-parasitic larval stages: abattoir of Bareilly, India
- Climate and weather
Appleton CC; Bruton MN
1979 Ann Trop Med and Parasitol 73 (6) Dec 547-561 Wa
schistosomiasis, epidemiology in vicinity of Lake Sibaya and in other areas of Tongaland, distribution, prevalence, snail host ecology, human and stock contact with different types of waterbodies: Natal, South Africa
- Climate and weather
Bergler KG; Erber M; Boch J
1980 Berl u Munchen Tierarztl Wchnschr 93 (15) Aug 1 288-293 Wa
coccidia, survival of sporocysts and oocysts under artificial and natural climatic conditions
- Climate and weather
Bonnefoy X; Isautier H
1978 Bull Soc Path Exot 71 (1) Jan-Feb 70-78 Wa
helminthiasis, human, prevalence in 1972 vs. 1976, influence of sanitation, precipitation, urban vs. rural habitat, water quality: Reunion Island
- Climate and weather
Cabaret J; Dakkak A; Bahaida B
1980 Rev Elevage et Med Vet Pays Trop 33 (2) 159-165 Wa
protostrongylid larvae in terrestrial molluscs, degree of infestation dependent upon host age, rainfall, and season; prophylaxis against infection in sheep discussed: Rabat (Maroc)
- Climate and weather
de Chaneet GC; Dixon FF; Barker DJ
1981 Vet Parasitol 8 (2) May 143-148 Wa
Ostertagia, *Cooperia*, cattle, relative significance (in terms of larval availability during winter) of contamination of pasture with nematode eggs at different times during summer and autumn, implications of results for worm control programmes in a Mediterranean-type climatic environment: south-west Western Australia
- Climate and weather
de Chaneet GC; Mitchell RK; Barker DJ
1981 Vet Parasitol 8 (2) May 149-163 Wa
gastrointestinal nematodes, strategic anthelmintic treatment of young cattle during summer in a Mediterranean-type climatic environment, concluded that treatments may have been more effective had they been given during autumn: south-west Western Australia
- Climate and weather
Chubb JC
1980 Advances Parasitol 18 1-120 Wa
larval Cestoda, Nematoda, seasonal occurrence in freshwater fishes in different world climatic zones, extensive review
- Climate and weather
Eysker M; Ogunsusi RA
1980 Research Vet Sc 28 (1) Jan 58-62 Wa
Haemonchus contortus, *Trichostrongylus* spp., sheep, epidemiological and clinical aspects during rainy season: northern Nigeria
- Climate and weather
Gardiner WP; Gettinby G; Gray JS
1981 Vet Parasitol 9 (1) Oct 75-86 Wa
Ixodes ricinus, models based on weather for predicting tick development times
- Climate and weather
Gettinby G; Gardiner WP
1980 Internat J Biometeorol 24 Suppl 2 87-103 Wa
parasitic diseases of cattle and sheep, use of forecast systems based on climatic indices as indicator of parasite incidence, review
- Climate and weather
Gibson TE; Everett G; Whitehead J
1981 Internat J Biometeorol 25 (3) Sept 223-225 Wa
Ostertagia circumcincta, survival of free living stages during drought: England
- Climate and weather
Gillett JD
1974 Symposia Brit Soc Parasitol 12 79-95 Wa
direct and indirect influence of temperature on transmission of parasites from insects to man, review
- Climate and weather
Grant JL
1981 J South African Vet Ass 52 (1) Mar 33-37 Wa
nematodes, sheep, incidence and seasonal distribution in a high-rainfall area of Zimbabwe

- Climate and weather
Gray JS
1980 Brit Vet J 136 (5) Sept-Oct 427-436 Wa
Ixodes ricinus, role of tick in epidemiology of babesiosis, correlations of tick activity, incidence of Babesia divergens in cattle, season and weather: Co. Meath, Ireland
- Climate and weather
Gray SJ; Kennedy JP
1981 Austral J Exper Agric and Animal Husb (109) 21 Apr 179-182 Wa
gastro-intestinal parasites, drenched and undrenched sheep, host survival, wool growth, liveweight gain, and change in parasite burden throughout year in an arid environment: New South Wales
- Climate and weather
Gruner L et al
1980 Ann Recherches Vet 11 (2) 133-140 Wa
gastro-intestinal nematodes, seasonal distribution in sheep and on pastures, influence of meteorological conditions upon infective larval populations on pastures, host growth: Western central region of France
- Climate and weather
Haensel R; Manuwald O
1980 Ztschr Ges Hyg u Grenzgebiete 26 (11) Nov 821-824 Wm
Pediculus capitis, schoolchildren, seasonal incidence as related to climatic differences and host age: county of Suhl
- Climate and weather
Heath ACG
1981 Internat J Parasitol 11 (2) Apr 169-175 Wa
Haemaphysalis longicornis, Ixodes holocyclus, Rhipicephalus sanguineus, engorged larvae, effect of temperature and humidity on survival, molting, and rate of development, temperature and humidity preferences reflected climate within geographic ranges of tick species
- Climate and weather
Hon LT; Forrester DJ; Williams LE jr
1978 Proc Helminth Soc Washington 45 (2) July 211-218 Issued Aug 30 Wa
helminths of Meleagris gallopavo osceola, host age at acquisition, prevalence and intensity, patterns of seasonal occurrence, factors affecting these patterns (host age; food habits; climatic conditions; helminth life cycles and longevity): Lykes Fiskeating Creek Wildlife Management Area and Refuge, southern Florida
- Climate and weather
Jørgensen RJ
1980 Vet Parasitol 7 (2) Sept 153-167 Wa
Dictyocaulus viviparus, cattle, epidemiology, infection in pasture monitored by use of tracer calves and regular pasture sampling, assessment of correlation between pasture larval contamination and pasture infectivity, influence of climate and host immunity: Denmark
- Climate and weather
Lawande RV
1980 Tr Roy Soc Trop Med and Hyg 74 (1) 141-142 Wa
primary amoebic meningoencephalitis, 4 of 5 cases occurred during dusty harmattan season, marked increase in nasal carriage of pathogenic and non-pathogenic free-living amoebae during harmattan season, speculation that nasal discharge plays role in establishment of infection: Northern Nigeria
- Climate and weather
Le Riche PD et al
1974 Bull Entom Research 64 (1) Aug 53-63 Wa
Ixodoidea, domestic animals, seasonal occurrence, climatic factors, predilection sites, geographic distribution, life cycle of Ixodes gibbosus: Cyprus
- Climate and weather
Levine ND
1980 Internat J Biometeorol 24 (4) Dec 341-346 Wa
weather and the ecology of bursate nematodes, review
- Climate and weather
Lin CY; Chen SN
1980 Med J Osaka Univ 31 (1-2) Sept 7-11 Wm
Angiostrongylus cantonensis, children, epidemiology, vector and reservoir host survey, disease has close association with rainy season when Achatina fulica vectors are most active: North Taiwan
- Climate and weather
Majaro OM; Dipeolu OO
1981 Vet Quart 3 (2) Apr 85-90 Wa
Coccidia in trade cattle, sheep, and goats, seasonal incidence in relation to temperature, humidity, and rainfall: Nigeria
- Climate and weather
Maske DK; Ruprah NS
1981 Indian J Animal Sc 51 (4) Apr 494-497 Wa
psoroptic mange, buffaloes, prevalence by season, climate, host sex and age, temperature, and relative humidity: Haryana, India
- Climate and weather
Mereminskii AI; Gluzman IIA
1979 Veterinariia Moskva (7) July 43-45 Wa
fascioliasis, sheep, paramphistomiasis, cattle, hydrothermic and biotic factors as basis for forecasting and control of diseases: Rovensk oblast
- Climate and weather
Nwosu ABC; Anya AO
1980 Tropenmed u Parasitol 31 (2) June 201-208 Wa
Necator americanus, Ancylostoma duodenale, human, prevalence and intensity, pattern of seasonal fluctuations, relationship to rainfall, relationship between hookworm infection levels and seasonality in manifestation of disease: endemic area of Nigeria
- Climate and weather
Ollershaw CB
1974 Symposia Brit Soc Parasitol 12 33-52 Wa
Fasciola hepatica, forecasting liver fluke disease on basis of interaction between climate and life cycle, review
- Climate and weather
Over HJ; Wetzlar YEA
1980 Tijdschr Diergeneesk 105 (18) Sept 15 771-775 Wa
Fasciola hepatica, cattle, sheep, predictability of infections, relationship between rainfall and incidence: Netherlands

- Climate and weather
Pomales AD; Williams EH jr
1980 J Parasitol 66 (1) Feb 81 Wa
Monogenea of temperate zone host (*Micropterus salmoides*) 28 years after introduction into tropical environment, abundance seems to be limited by water temperatures: Puerto Rico
- Climate and weather
Pullan NB; Sewell MMH
1980 Trop Animal Health and Prod 12 (4) Nov 203-208 Wa
parasitic gastro-enteritis, White Fulani calves, thiabendazole treated vs. untreated, egg counts, packed cell volumes, serum albumin concentrations, and weight gains compared, seasonal distribution, climatic factors: Jos plateau, Nigeria
- Climate and weather
Rose JH; Small AJ
1980 Vet Rec 107 (10) Sept 6 223-225 Wa
Oesophagostomum spp., sows kept on pastures, transmission over 2-year period, monthly distribution of worm eggs in faeces, larvae on herbage, and worms recovered post-mortem, effects of climatic factors on survival and development of infective larvae, transitory effect of anthelmintics on level of infection: commercial farm, southern England
- Climate and weather
Rose JH; Small AJ
1980 Parasitology 81 (3) Dec 507-517 Wa
Oesophagostomum dentatum, development and survival of free-living stages in natural environments out-of-doors (effect of climatic conditions) and under controlled conditions in laboratory (effect of temperature and humidity)
- Climate and weather
Rose JH; Small AJ
1981 J Helminth 55 (2) June 109-113 Wa
Oesophagostomum dentatum, growth of pasture herbage as well as weather affects development and survival of free-living stages
- Climate and weather
Saladin B et al
1980 Acta Trop 37 (1) Mar 53-62 Wa
Schistosoma mansoni, *S. haematobium*, human, prevalence, snail density fluctuations, seasonal patterns of infections in *Bulinus globosus* and *Biomphalaria pfeifferi*, both snail densities and cercarial infection rates markedly reduced by heavy rains: Liberia
- Climate and weather
Schillhorn van Veen TW; et al
1980 Trop Animal Health and Prod 12 (2) May 97-104 Wa
Fasciola gigantica, *Dicrocoelium hospes*, ruminants, prevalence, seasonal incidence, host age, climatic conditions: northern Nigeria
- Climate and weather
Schwalter DB et al
1980 J Wildlife Dis 16 (2) Apr 189-194 Wa
Toxoplasma gondii in *Mephitis mephitis*, serological survey, indirect hemagglutination test, prevalence by host age groups and by humid vs. arid biomes, antibody titres by month and season: Alberta; Saskatchewan
- Climate and weather
Service MW
1980 Internat J Biometeorol 24 (4) Dec 347-353 Wa
mosquitoes and blackflies, effects of wind on behavior and distribution, review
- Climate and weather
Short NJ; Norval RAI
1981 J Parasitol 67 (1) Feb 77-84 Wa
Rhipicephalus appendiculatus, larvae, nymphs, adults, seasonal activity, vertical migration of adults on vegetation, influence of climatic factors (temperature, humidity, day length)
- Climate and weather
Short NJ; Norval RAI
1981 Trop Animal Health and Prod 13 (1) Feb 19-26 Wa
Rhipicephalus appendiculatus (vector of *Theileria parva*), seasonal occurrence, regulatory roles of different climatic factors (humidity, temperatures, daylength), simple model which can be used to predict seasonal occurrence of adults: Africa
- Climate and weather
Skinner WD; Todd KS jr
1980 Am J Vet Research 41 (3) Mar 395-398 Wa
Haemonchus contortus, lateral migration of larvae on pasture, influence of weather and and invertebrates on dissemination
- Climate and weather
Smeal MG; Fraser GC; Robinson GG
1980 Austral Vet J 56 (2) Feb 80-86 Wa
cattle nematodes, proportions of inhibited larvae in population make-up in 3 climatic regions, seasonal trends of inhibition may be due to strain differences, climatic factors, immunity, worm density-dependence: New South Wales
- Climate and weather
Smeal MG; Robinson GG; Fraser GC
1980 Austral Vet J 56 (2) Feb 74-79 Wa
nematode larvae, cattle, seasonal origin and availability on pastures in 3 climatically different regions: New South Wales
- Climate and weather
Smith G
1981 Brit Vet J 137 (4) July-Aug 398-410 Wa
Fasciola hepatica, prevalence and intensity in sheep, cattle, and *Lymnaea truncatula* for period of 3 years in relation to weather and habitat microclimate, size-prevalence curves for snail hosts: Cumbria; Wales
- Climate and weather
Starr JR; Thomas RJ
1980 Internat J Biometeorol 24 (3) Sept 223-229 Wa
parasitic gastro-enteritis in lambs, estimating timing of larval emergence peak, attempt to model 'surface wetness' and temperature limitation to nematode development: North East England
- Climate and weather
Subbotin NF; Karelin ST
1979 Veterinariia Moskva (8) Aug 46-47 Wa
fascioliasis, sheep, seasonal dynamics, precipitation, air temperature, snail populations, acemidopnene, 1974-1976: Kursk oblast
- Climate and weather
Tarry DW
1980 Vet Rec 106 (26) June 28 559-560 Wa
Hypoderma bovis, cattle, correlation between infestation (measured by hide damage) and various weather factors during previous summer (taken from monthly weather reports for England, Wales, and Scotland), graphical and statistical methods

Climate and weather

Thomas RJ

1974 Symposia Brit Soc Parasitol 12 13-32 Wa
 role of climate in epidemiology of nematode parasitism in ruminants, possibilities for interpreting and predicting parasite population patterns on basis of meteorological data, review

Climate and weather

Upatham ES et al

1981 Ann Trop Med and Parasitol 75 (1) Feb 63-69 Wa
 Schistosoma haematobium, patterns of transmission, bionomics of intermediate snail host *Bulinus abyssinicus*, seasonal rainfall and snail size among factors: Somali Democratic Republic

Climate and weather

Upatham ES; Sukhapanth N

1980 Southeast Asian J Trop Med and Pub Health 11 (3) Sept 355-358 Wa
 Opisthorchis viverrini, bionomics of Bithynia s. siamensis and transmission patterns, snail populations fluctuated according to rainfall, infection rates: Bangna, Bangkok, Thailand

Climate and weather

Vinayak VK; Chittkara NL; Chhuttani PN

1979 Indian J Med Research 70 Oct 609-614 Wa
 Ancylostoma duodenale, survival of larvae in various soil types and under various climatic conditions and seasons

Climate and weather

Young RR; Anderson N

1981 Austral J Agric Research 32 (2) 371-388 Wa
 Ostertagia ostertagi, eggs and larvae, development and survival in cattle dung pats and on surrounding herbage and soil over period of 12 months, weather and other conditions in plot environment, effects of irrigation, implications of results for control: Victoria, Australia

Climate and weather

de Zulueta J; Mujtaba SM; Shah IH

1980 Tr Roy Soc Trop Med and Hyg 74 (5) 624-632 Wa
 malaria, human, epidemiological background in Pakistan, results of Malaria Control Programme launched in 1975, long-term periodicity of disease in the Punjab

Clones

Babiker EA; Le Ray D

1981 Ann Soc Belge Med Trop 61 (1) Mar 15-29 Wa
 Trypanosoma brucei gambiense, adaptation of low virulence stocks to rats and mice, evaluation of some methods previously described for enhancing trypanosome infectivity (rapid passing, drug-induced immunodepression, use of age-related receptivity), establishment of cloned pleomorphic populations

Clones

Brun R; Schoenenberger M

1979 J Invert Path 34 (2) Sept 289-292 Wa
 Trypanosoma brucei, cultivation and in vitro cloning of procyclic culture forms in semi-defined medium

Clones

Chapman CB; Rajasekariah GR; Mitchell GF

1981 Am J Trop Med and Hyg 30 (5) Sept 1039-1042 Wa
 Fasciola hepatica, mice and rats dosed with infective metacercariae of different single snail-derived clones and challenged with same or different clonal parasites, no better resistance seen with parasites of homologous clone than with heterologous clone challenge

Clones

Delachambre D

1980 Ann Parasitol 55 (1) Jan-Feb 1-11 Wa
 Trichomonas vaginalis, antigenic analysis of 2 clones from same strain before and after prolonged in vitro cultivation, previous reports of antigenic variation should be questioned

Clones

Doyle JJ et al

1980 Parasitology 80 (2) Apr 359-369 Wa
 Trypanosoma brucei, antigenic variation in clones of animal-infective bloodstream forms derived and maintained in vitro in absence of host antibodies

Clones

Dvorak JA; Hartman DL; Miles MA

[1981] J Protozool 27 (4) Nov 1980 472-474
 Issued Mar 11 Wa
 Trypanosoma cruzi, correlation of growth kinetics in vitro to zymodeme type in clones derived from various sources

Clones

Gillin FD; Diamond LS

1980 J Parasitol 66 (2) Apr 350-352 Wa
 Giardia lamblia, clonal growth of trophozoites in semisolid agarose medium

Clones

Hirumi H et al

1980 Parasitology 80 (2) Apr 371-382 Wa
 Trypanosoma brucei, in vitro cloning of animal-infective blood stream forms

Clones

Jourdane J; Theron A

1980 Exper Parasitol 50 (3) Dec 349-357 Wa
 Schistosoma mansoni, cloning by microsurgical transplantation of sporocysts into Biomphalaria glabrata, maintenance of life cycle in laboratory for 1 year solely in molluscan host through 6 successive transplantations

Clones

Miller EN; Turner MJ

1981 Parasitology 82 (1) Feb 63-80 Wa
 Trypanosoma brucei, analysis of variant antigenic types appearing in first relapse populations of clones

Clones

Morel C et al

1980 Proc National Acad Sc Biol Sc 77 (11) Nov 6810-6814 Wa
 Trypanosoma cruzi, characterization of strains and clones by pattern of restriction endonuclease products of kinetoplast DNA minicircles, proposal of new terminology to classify hemoflagellates into 'schizodemes'; procedure may also be useful for classification of pathogenic Leishmania

Clones

Morel C; Simpson L

1980 Am J Trop Med and Hyg 29 (5 pt 2) Sept 1070-1074 Wa
 Trypanosoma cruzi, characterization of stocks, strains, and clones by restriction endonuclease fingerprinting of kinetoplast DNA minicircles, technique should be useful for other pathogenic Trypanosomatidae

Clones

Nojima H; Noda S; Sato A
1980 J Parasitol 66 (3) June 478-482 Wa
Schistosoma mansoni serial implantations of larval schistosomes from infected to uninfected Biomphalaria spp., single miracidium sufficient to infect initial donor, possibility of cloning of unisexual infections in experimental infections

Clones

Kickman I; Kolala F
1980 Tr Roy Soc Trop Med and Hyg 74 (6) 817-819 Wa

Trypanosoma brucei brucei, clones of 3 different isolates, sequential blood incubation infectivity tests on successive variable antigen types, all 3 eventually changed from BIIT-negative to BIIT-positive responses typical of T. rhodesiense coincident with proven changes of VAT

Clones

Rickman I; Kolala F; Mwanza S
1981 Acta Trop 38 (2) June 115-124 Wa
Trypanosoma brucei subspecies clone, successive variable antigen types, variation in sensitivity/resistance to some African game animal sera in modified version of blood incubation infectivity test, all 7 VATs resistant to normal human serum (typical of T. b. rhodesiense)

Clones

Rosario V
1981 Science (4498) 212 May 29 1037-1038 Wa
Plasmodium falciparum, cultured isolate characterized by 2 electrophoretic forms of glucose phosphate isomerase, establishment of clones characterized by only single enzyme forms

Clones

Rosen NL et al
1981 Exper Parasitol 52 (2) Oct 210-218 Wa
Trypanosoma congolense strain cloned, passed through tsetse fly, and subsequently recloned, relapsing infections induced in rats by syringe passage of cloned trypanosomes, relapsing infection was associated with change of one major glycoprotein spectrotpe to second spectrotpe, these variant surface glycoproteins may be products of sequentially expressed genes

Clones

de Sa MFG et al
1980 J Protozool 27 (3) Aug 253-257 Issued Oct 9 Wa
Crithidia brasiliensis sp. n. from Zelus sp. (alimentary tract contents), isolation and cloning, growth pattern, morphology, biochemical analyses (isoenzyme pattern, histone pattern, cleavage of kDNA with restriction endonucleases): Brasilia, Distrito Federal, Brazil

Clones

Schlaeppli B; Jenni L
1977 Acta Trop 34 (1) Mar 43-51 Wa
Trypanosoma congolense, cyclically transmitted strain and its cloned derivatives, investigation of antigenic variation indicates possible antigenic heterogeneity of extruded metacyclic forms

Clones

Soldo AT; Brickson SA
1980 J Protozool 27 (3) Aug 328-331 Issued Oct 9 Wa
simple method for plating and cloning ciliates and other Protozoa

Clones

Tanuri A; de Andrade PP; de Almeida DF
1981 J Protozool 28 (3) Aug 360-362 Wa
trypanosomatids, simple highly efficient plating method illustrated by successful cloning of Herpetomonas samuelpeessoai and Crithidia deanei

Clones

Trager W et al
1981 Proc National Acad Sc 78 (10) Biol Sc Oct 6527-6530 Wa
Plasmodium falciparum, establishment of clones by method based on microscopic selection, characterization with regard to knobs, chloroquine sensitivity, and formation of gametocytes

Clones

Wery M et al
1979 Ann Soc Belge Med Trop 59 (4) Dec 347-360 Wa
Plasmodium berghei berghei, successive waves of parasitaemia separated by subpatent periods observed in mice infected after immunization with P. berghei Anka parent lines or with clones derived from it. these recrudescences possibly caused by antigenic variants, suggests that acquired protective immunity (premunition) may not have the same efficiency against successive parasite populations occurring in the same animal, no difference could be demonstrated by immunofluorescence in the antigenicity of the different lines or clones used for immunization

Clones

Wery M; Timperman G
1979 Ann Soc Belge Med Trop 59 (4) Dec 361-369 Wa
Plasmodium berghei cloned and uncloned lines, antigenic characterization of 4 recrudescences of parasitaemia using cross protection experiments in immunized mice, homologous challenges induced lower parasitaemia than did heterologous, antigenic variation may be responsible for intergroup differences which were higher than those between individual mice

Clotting, Blood See Blood

Coagulation, Blood See Blood

Colitis [See also Intestine]

Colitis

Azar H; Nazarian I; Sadrieh M
1977 Am J Proctol 28 (1) Feb 80-84 Wm
fulminant amebic colitis, humans, autopsy study of causes of death

Colitis

Balikian JP et al
1977 Am J Proctol 28 (1) Feb 69-73 Wm
Entamoeba histolytica, children, fulminant necrotizing amebic colitis, clinical aspects

Colitis

Bourdais A et al
1979 Anesthesie et Analgesie 36 (3-4) Mar-Apr
133-138 Wm
necrotic amoebic colitis, humans, hypovolemic
shock secondary to wastage by diarrhea and
perilesional edema, clinical management

Colitis

Courbil LJ et al
1979 Bull Soc Path Exot 72 (3) May-June 209-215
Wa
amoebiasis, humans with necrotizing colitis,
case reviews, indications for surgical inter-
vention, prognosis

Colitis

Cutler D et al
1974 Am J Gastroenterol 62 (4) Oct 345-349 Wm
necrotic amoebic colitis, clinical diagnostic
symptoms, surgical and autopsy findings, more
frequent illness in adults than in children,
high rate of mortality in adults

Colitis

Kalani BP; Sogani KC
1975 Am J Proctol 26 (2) Apr 67-70 Wm
E[ntamoeba] histolytica, children with colitis,
chronic rectal bleeding, differential diagno-
sis, clinical management

Colitis

Latimer RG
1975 Am Surg 41 (6) June 385-390 Wm
Entamoeba histolytica, humans, indications for
surgical intervention in acute fulminating
colitis or in ameboma formation

Colitis

Lubynski RA; Isaacson C; Chappell J
1981 South African Med J 59 (6) Feb 7 176-177
Wm
amoebic colitis causing perforation of the
bowel, humans, clinical report, medical and
surgical management: South Africa

Colitis

Ndiaye P; Quenum C
1978 Afrique Med (157) 17 Feb 79-82 Wm
amoebiasis, humans, severe colitis, incidence,
location of lesions, associated pathology and
complications

Colitis

Rozen P; Baratz M; Rattan J
1981 Dis Colon and Rectum 24 (2) Mar-Apr 127-129
Wm
Entamoeba histolytica, humans, case reports,
rectal bleeding due to amoebic colitis, diag-
nosed by multiple endoscopic biopsies

Colitis

Waintraub SE et al
1980 N York State J Med 80 (9) Aug 1431-1433 Wm
Entamoeba histolytica, man, case report, con-
current amoebic colitis and amoebic liver ab-
scess, fatal illness, clinical review: New
York

Colitis

Ylvisaker JT; McDonald GB
1980 Western J Med 132 (2) Feb 153-157 Wa
Entamoeba histolytica, two homosexual men
presenting amoebic colitis and liver abscess,
diagnostic difficulties, evidence that sexually
transmitted amoebiasis can be virulent illness

Collagen See Proteins

Collection of parasites See Technique, Parasite
collection and recovery

Collections

Bennett GF et al
1980 J Parasitol 66 (1) Feb 162-165 Wa
list of type material in collection of Inter-
national Reference Centre for Avian Haematozoa

Collections

Webster WA
1979 Canad J Zool 57 (3) Mar 701-703 Wa
animal parasitic protozoan and helminth type
specimens deposited in the National Museum
of Canada Invertebrate Collection (Parasites)

Colombia

Mendez E
1977 Quaest Entom 13 (2) Apr 91-182 Wa
mammalian fleas, key, host specificity, eco-
logical and evolutionary factors in flea dis-
tribution: southwestern Colombia

Colombia

Penot C; Picot H; Grillot ML
1978 Bull Soc Path Exot 71 (4-5) July-Oct 334-
341 Wa
intestinal parasites, Indian population in the
Amazon, incidence survey: Colombia

Colon See Intestine

Colonies, Arthropoda See Technique, Rearing,
Arthropoda

Complement [See also Immunity, Complement fixa-
tion]

Complement

Adam C et al
1981 Infect and Immun 31 (2) Feb 530-535 Wa
Plasmodium falciparum, human, presence of cir-
culating immune complexes, IgG-IgM cryoglobu-
linemia, and complement consumption is associ-
ated with cerebral malaria and very rarely with
uncomplicated infection, intensity of immune
response and of associated complement activa-
tion may be important factors in pathogenesis
of cerebral malaria

Complement

Ade-Serrano MA; Ejezie GC; Kassim OO
1981 J Clin Microbiol 13 (1) Jan 195-198 Wa
Plasmodium falciparum-infected rural Nigerian
school children, correlation of gametocytemia
with complement component titers

Complement

Agu WE; Farrell JP; Soulsby EJJ
1981 Internat J Parasitol 11 (2) Apr 133-136 Wa
Leishmania donovani-infected golden hamsters,
complement increases

Complement

Aikat BK et al
1979 Indian J Med Research 70 Oct 571-582 Wa
kala-azar, early and late stages, patients,
haematological findings, bone marrow picture,
presence of complement (C3) on red blood cells
demonstrated using anti C3, autoimmune mecha-
nisms may be involved in anemia

Complement

Ali-Khan Z; Siboo R
1981 *Exper Parasitol* 51 (2) Apr 159-168 Wa
Echinococcus multilocularis, distribution of antigenic determinants and specific host immunoglobulins on cyst membranes, possible significance of bound antibody in complement activation and antibody-dependent cell-mediated cytotoxicity of proliferative phase of alveolar hydatid cyst

Complement

Anwar ARE; et al
1980 *J Immunol* 124 (3) Mar 1122-1129 Wm
Schistosoma mansoni, human eosinophil- and neutrophil-mediated killing of schistosomula in vitro, enhancement of complement-dependent damage by mast cell-derived mediators and formyl methionyl peptides

Complement

Brener Z
1980 *Advances Parasitol* 18 247-292 Wa
Trypanosoma cruzi, human, immunity, extensive review: antigenic constitution; natural immunity; humoral immune response (immunoglobulins; role of antibodies in host resistance; spleen and host resistance; complement; interferon); cell-mediated immune response (tests in vitro; delayed hypersensitivity; CMI and resistance; cytotoxicity mechanisms; macrophages); effects of immunosuppressors in Chagas' disease; immunodepression in course of Chagas' disease; evasion of immune response; auto-immune reactions; vaccination

Complement

Contreras CE et al
1980 *Clin and Exper Immunol* 42 (3) Dec 403-411 Wa
Plasmodium berghei in 5 strains of mice, immunopathological aspects: course of infection, detection of soluble malarial antigens, serum-specific antibody levels, circulating immune complexes, serum C3 levels, infection of nude mice

Complement

Corsini AC; Vilela MMS; Piedrabuena AE
1981 *Tropenmed u Parasitol* 32 (2) June 82-86 Wa
Trypanosoma cruzi, human, chronic Chagas' disease patients, serum levels of IgM, IgG, IgA, complement, number of circulating T and B lymphocytes, no evidence of immune complexes, unimpaired delayed type hypersensitivity reactions to various antigens, humoral suppression to typhoid vaccine

Complement

Cunningham DS et al
1981 *J Parasitol* 67 (4) Aug 475-480 Wa
Trypanosoma cruzi-released complementing factor, partial characterization

Complement

Dalmasso AP; Jarvinen JA
1980 *Infect and Immun* 28 (2) May 434-440 Wa
Trypanosoma cruzi, course of infection in complement-deficient mice and guinea pigs

Complement

Davies C; Goose J
1981 *Parasite Immunol* 3 (2) Summer 81-96 Wa
Fasciola hepatica, killing of newly excysted juveniles in previously sensitized rats observed by light, scanning electron, and transmission electron microscopy, involvement of eosinophils and mast cells, neutrophils not actively involved in early stages of immune damage, C3 not bound to surface of challenge flukes either in vivo or in vitro in immune serum

Complement

Dessein A et al
1981 *Parasitology* 82 (3) June 357-374 Wa
Schistosoma mansoni, immune evasion, loss of susceptibility to antibody- or complement-dependent eosinophil attack by schistosomula cultured in medium free of macromolecules

Complement

Dias da Silva W; Kazatchkine MD
1980 *Exper Parasitol* 50 (2) Oct 278-286 Wa
Schistosoma mansoni, activation of alternative pathway of human complement by schistosomula

Complement

Doy TG; Hughes DL; Harness E
1980 *Research Vet Sc* 29 (1) July 98-101 Wa
Fasciola hepatica, selective in vitro adherence by rat eosinophils to newly excysted flukes in presence of immune serum (independent of complement, not affected by age of sensitizing infection, and not induced by artificially raised antisera to dead fluke antigens)

Complement

Faghihi Shirazi M et al
1980 *Parasite Immunol* 2 (2) Summer 155-161 Wa
Trypanosoma brucei-infected mice, complement (C3) levels, effect of C3 depletion, unlikely that C3 has any role in immunodepression or in mechanism whereby mice control successive variant populations of *T. brucei* in blood

Complement

Ghose AC et al
1980 *Clin and Exper Immunol* 40 (2) May 318-326 Wa
Leishmania donovani, 49 active kala-azar patients, IgA, IgG, IgM, and C3 levels, anti-leishmanial titres in indirect haemagglutination method, IgG and IgM class-specific antibody titres in enzyme-linked immunosorbent assay method, serodiagnostic potential of ELISA

Complement

Gillin FD; Sher A
1981 *Infect and Immun* 34 (1) Oct 268-273 Wa
Trichomonas vaginalis activates alternative complement pathway, this reaction is responsible for lysis of this parasite observed in fresh sera

Complement

Goodger BV; Wright IG; Mahoney DF
1981 *Austral J Exper Biol and Med Sc* 59 (5) Oct 521-529 Wa
Babesia bovis, cattle, time of appearance and nature of immune complexes, complexes did not appear to have much pathological significance

Complement

Goodger BV; Wright IG; Mahoney DF
1981 Austral J Exper Biol and Med Sc 59 (5) Oct 531-538 Wa
Babesia bovis, acutely infected cattle, pathophysiology, changes in conglutinin, immunconglutinin, complement C3, and fibronectin concentrations

Complement

Greene BM; Taylor HR; Aikawa M
1981 J Immunol 127 (4) Oct 1611-1618 Wm
Onchocerca volvulus, eosinophil- and neutrophil-mediated immune serum-dependent destruction of microfilariae, IgG identified as antibody class binding to microfilariae, enhancement of killing in presence of fresh serum source in mechanism that appears to be dependent on activation of complement by alternative pathway

Complement

Guerra-Caceres JG et al
1980 Parasite Immunol 2 (2) Summer 121-131 Wa
onchocerciasis, humans, mechanisms of adverse reactions produced by diethylcarbamazine (Mazotti reaction), does not appear to require generation of circulating immune complexes or systemic complement activation but eosinophils may be involved

Complement

Haldar JP; Saha KC; Ghose AC
1981 Tr Roy Soc Trop Med and Hyg 75 (4) 514-517 Wa
Leishmania donovani, human, post kala-azar dermal leishmaniasis, serum immunoglobulin and C3 levels, specific antibody titres in indirect haemagglutination and enzyme-linked immunosorbent assay methods, overall difference compared to serological profile of kala-azar patients: India

Complement

Hammerberg R; Dangler C; Williams JF
1980 J Parasitol 66 (4) Aug 569-576 Wa
Taenia taeniaeformis, chemical composition of parasite factors affecting coagulation and complement cascades

Complement

Harmsen AG; Jeska EL
1980 J Reticuloendothel Soc 27 (6) June 631-637 Wa
Toxoplasma gondii-infected swine vs. normal swine or Freund's complete adjuvant-injected swine, presence of IgM, IgG, and complement receptors on alveolar macrophages and their role in phagocytosis

Complement

Hoefling KK; Schroeter AL
1980 J Am Acad Dermat 3 (3) Sept 237-240 Wm
Sarcoptes scabiei, humans, direct immunofluorescence of scabies lesions revealed IgM, IgA, C3, and fibrin in cornified layer of epidermis, dermoepidermal junction, and papillary dermal vessels, findings support a humoral immune response secondary to scabetic infestation

Complement

Holbrook TW et al
1980 Infect and Immun 30 (1) Oct 58-61 Wa
Naegleria fowleri, lysis by human serum is due to activation of complement, alternative complement pathway can be directly activated by this protozoan

Complement

Incanni RN; McLaren DJ
1981 Parasite Immunol 3 (2) Summer 107-126 Wa
Schistosoma mansoni, neutrophil-mediated cytotoxicity to schistosomula in vitro, kinetics of complement and/or antibody (IgG)-dependent adherence and killing

Complement

Irulegui I et al
1980 Rev Inst Med Trop S Paulo 22 (2) Mar-Apr 62-68 Wm
Trypanosoma cruzi-infected mice, conversion of the C₃ component of complement studied during different phases of infection

Complement

Jack RM; Ward PA
1980 J Immunol 124 (4) Apr 1566-1573 Wm
Babesia rodhaini in 2 different in vitro culture systems, interactions with complement, relationship to parasite entry into red cells

Complement

Jack RM; Ward PA
1980 J Immunol 124 (4) Apr 1574-1578 Wm
Babesia rodhaini, critical role of complement (C3) and C3b receptor in facilitating in vivo development of parasitemia in rats

Complement

Johnson P et al
1981 Parasite Immunol 3 (1) Spring 69-80 Wa
Brugia pahangi, serum-mediated adherence of feline eosinophils and neutrophils to microfilariae in vitro, involvement of IgG and complement, effect of age or origin of microfilariae

Complement

Kazura JW
1981 J Infect Dis 143 (5) May 712-718 Wa
Trichinella spiralis, in vitro study of capacity of human leukocytes in presence of serum from infected individuals and complement to destroy newborn larvae, results show that host defense is in part mediated by granulocytes and dependent on presence of IgG antibodies directed against migratory parasitic stage

Complement

Kierszenbaum F; Gottlieb CA; Budzko DB
1981 J Parasitol 67 (5) Oct 656-660 Wa
Trypanosoma cruzi, role of complement and lack of antibody requirement in natural resistance of chickens to infection and in lysis of *T. cruzi* by chicken serum in vitro

Complement

Kipnis TL et al
1981 Proc National Acad Sc 78 (1) Jan 602-605 Wa
Trypanosoma cruzi, enzymatic treatment transforms trypomastigotes into activators of alternative complement pathway and potentiates their uptake by macrophages (but without impairing intracellular survival)

Complement

Lambert PH; Berney M; Kazyumba G
1981 J Clin Invest 67 (1) Jan 77-85 Wa
Trypanosoma brucei gambiense, humans, circulating immune complexes (IC) and C3, circulating IC in relation to polyclonal B cell activation, rheumatoid factor, and anti-trypanosome antibodies, IC in cerebrospinal fluid (CSF), origin of CSF immunoglobulins and CSF IC

Complement

Lindsley HB et al
1981 Infect and Immun 33 (2) Aug 407-414 Wa
Trypanosoma rhodesiense, rabbits, detection and composition of immune complexes (trypanosomal antigens, IgG, IgM, C3), serum IgM and IgG antibodies to trypanosomes, total IgM and IgG

Complement

Loos M; Dierich MP
1980 Infect and Immun 27 (1) Jan 1-5 Wa
Onchocerca volvulus, human, mixed infection with Treponema pertenuis, anticomplementary activity in sera: Togo, Africa

Complement

Lopez AF; Strath M; Sanderson CJ
1981 Immunology 43 (4) Aug 779-786 Wa
IgG and complement receptors on purified mouse eosinophils and neutrophils (Mesocestoides corti superior to Trichinella spiralis and Taenia crassiceps in inducing large numbers of eosinophils in mouse peritoneal cavity)

Complement

Macaskill JA et al
1980 Immunology 40 (4) Aug 629-635 Wa
Trypanosoma brucei, immunological clearance of ⁷⁵Se-labelled trypanosomes in mice is largely accomplished by antibody-mediated hepatic phagocytosis which (at least in passively immunized animals) is dependent on opsonization involving C3, no evidence for role of intravascular lysis or activated macrophages

Complement

McGuinness TB; Kemp WM
1981 Exper Parasitol 51 (2) Apr 236-242 Wa
Schistosoma mansoni, complement-dependent receptor on dorsal tegumental surface of adult male parasites

Complement

McKean JR; Anwar ARE; Kay AB
1981 Exper Parasitol 51 (3) June 307-317 Wa
Schistosoma mansoni, time and course of damage to schistosomula mediated by human eosinophils and neutrophils and by antibody and/or complement in vitro, comparison of schistosomula prepared mechanically or by skin penetration

Complement

Mackenzie CD et al
1980 European J Immunol 10 (8) Aug 594-601 Wm
Trichinella spiralis, Nippostrongylus brasiliensis, various stages in life cycle, activation of complement and induction of antibodies by cuticle, effects of eosinophils, macrophages, neutrophils, and mast cells on viability of these nematodes following cellular attachment to cuticle via antibodies and/or C

Complement

Mackenzie CD et al
1981 J Path 133 (2) Feb 161-175 Wa
Trichinella spiralis, Nippostrongylus brasiliensis, in vitro interaction of eosinophils, neutrophils, macrophages, and mast cells with nematode surfaces in presence of complement or antibodies, findings discussed in relationship to immunopathology of nematode infection in vivo

Complement

Mahoney DF; Wright IG; Goodger BV
1980 Ztschr Parasitenk 62 (1) 39-45 Wa
Babesia bovis, changes in haemolytic activity of serum complement during acute infection of susceptible and immunized Bos taurus (exper.), activity of alternative pathways, effect of kinin inhibition

Complement

Martinelli R; Brito E; Rocha H
1980 Am J Trop Med and Hyg 29 (5 pt 1) Sept 882-885 Wa
Schistosoma mansoni, human, findings suggest immunologically-induced glomerulopathy as cause of low serum complement levels (β 1C/1A globulin), determination of β 1C/1A globulin serum levels may be valuable index for diagnosis of early glomerular disease

Complement

Mehta K et al
1980 Clin and Exper Immunol 41 (1) July 107-114 Wa
Litomosoides carinii, IgE-dependent adherence and cytotoxicity of rat spleen and peritoneal cells to microfilariae, complement may play part in reactions, EDTA, EGTA, and diethylcarbamazine inhibited adherence

Complement

Moser G; von Lichtenberg F; Sher A
1981 Parasitology 83 (3) Dec 543-558 Wa
Schistosoma mansoni, antibody-dependent killing of TNP-labelled schistosomula in vivo may involve 2 overlapping effector mechanisms, one mediated by radio-sensitive cells (e.g., neutrophils) and one mediated by lytic pathway of complement

Complement

Niederkorn JY; Shaddock JA
1980 Infect and Immun 27 (3) Mar 995-1002 Wa
Encephalitozoon cuniculi, control of infections by rabbit macrophages, phagocytic killing is potentiated by specific (antibody) and non-specific (complement) humoral factors

Complement

Novato-Silva E; Nogueira-Machado JA; Gazzinelli G
1980 Am J Trop Med and Hyg 29 (6) Nov 1263-1267 Wa
Schistosoma mansoni, comparison of killing effect of granulocytes and complement with and without antibody on fresh vs. cultured schistosomula in vitro

Complement

Onaga H; Ishii T
1980 Japan J Vet Sc 42 (2) Apr 211-219 Wa
Eimeria tenella, enhancing effects of chicken anti-E. tenella serum on phagocytosis of sporozoites and merozoites by chicken peritoneal macrophages; relationship between antibodies and complement and fate of parasites ingested by macrophages

Complement

Ouaissi MA et al
1981 J Immunol 127 (4) Oct 1556-1559 Wm
Schistosoma mansoni, role of IgG Fc peptides in activation of classical complement pathway by schistosomula, local consumption of complement around schistosomula could be one of mechanisms that contribute to parasite survival in host

Complement

Ouaissi MA; Santoro F; Capron A
1980 Exper Parasitol 50 (1) Aug 74-82 Wa
Schistosoma mansoni, ultrastructural damage induced by complement in vitro on schistosomula

Complement

Pappas MG et al
1981 J Clin Invest 67 (1) Jan 183-192 Wa
Plasmodium berghei, mice, complement-mediated defect in clearance and sequestration of sensitized autologous erythrocytes, association of hypocomplementemia with major splenic defect in clearance late in malaria infection may explain accumulation of immune complexes in pathological sites

Complement

Pearson RD; Steigbigel RT
1980 J Immunol 125 (5) Nov 2195-2201 Wm
Leishmania donovani, lethal effect of nonimmune human serum occurred by activation of complement membrane attack complex predominantly through classical pathway with binding of both IgG and IgM to promastigotes

Complement

Pepys MB et al
1980 Immunology 39 (2) Feb 249-254 Wa
Schistosoma mansoni, mice, effect of T-cell deprivation on formation of hepatic granulomata and serum levels of acute phase proteins (C3 and serum amyloid P-component)

Complement

Perricone R et al
1980 N England J Med 302 (14) Apr 3 808-809 Wa
Echinococcus granulosus, humans, hydatid cyst fluid apparent activator of complement system in vitro (and presumably in vivo) mainly through alternative pathway, possible role of complement in allergic reactions

Complement

Poltera AA et al
1980 Clin and Exper Immunol 40 (3) June 496-507 Wa
Trypanosoma brucei brucei, successful induction of cerebral trypanosomiasis in ordinary laboratory mice, parasitaemia and serology, histopathology, immunohistology, electronmicroscopic studies, evolution of brain lesions after ethidium bromide treatment

Complement

Rein MF; Sullivan JA; Mandell GL
1980 J Infect Dis 142 (4) Oct 575-585 Wa
Trichomonas vaginalis, killing in vitro by human polymorphonuclear neutrophils which pursue and surround trichomonads and are able to fragment and phagocytize pieces, activation of alternative complement pathway suggested as humoral mediator

Complement

Rickman WJ; Cox HW
1980 J Parasitol 66 (1) Feb 28-33 Wa
Trypanosoma brucei rhodesiense, rats, anemia, thrombocytopenia, and coagulopathy, association with antibodies against fibrinogen/fibrin-related products (anti-F), immunoconglutinin, soluble immune complexes (of anti-F and fibrinogen/fibrin-related products), and lytic complement consumption

Complement

Riera NE et al
1980 Medicina Buenos Aires 40 (2) Mar-Apr 125-132 Wm
[Trypanosoma] cruzi, chronic infections, immune complexes detected infrequently but alterations in complement system are detected in a relatively high number of patients

Complement

Rodriguez AM et al
1981 Infect and Immun 31 (2) Feb 524-529 Wa
Trypanosoma cruzi, rats treated with anti- μ rabbit antiserum, immunoglobulin levels, specific anti-parasite antibodies, complement levels, parasitemia and mortality, results indicate essential role of antibodies, probably in association with complement or effector cells or both, in immunity to acute Chagas' disease

Complement

Rowan-Kelly B; Ferrante A; Thong YH
1980 Tr Roy Soc Trop Med and Hyg 74 (3) 333-336 Wa
Naegleria spp., in vitro assay of neutrophil chemotaxis, capacity to activate complement via alternative pathway, possible explanation for histopathological findings of leucocyte accumulation following tissue invasion by N. fowleri and for development of hypersensitivity pneumonitis in subjects exposed to N. gruberi in air-conditioning

Complement

Rurangirwa FR et al
1980 Infect and Immun 27 (3) Mar 832-836 Wa
Trypanosoma congolense- or T. vivax-infected Bos indicus, hemolytic complement and serum C3 levels, effect of berenil treatment, role of low complement levels in immunosuppression remains equivocal

Complement

Samuelson JC
1979 Proc 37 Ann Meet Electron Microscop Soc America (San Antonio Texas Aug 13-17) 156-157 Wa
Schistosoma mansoni, loss of concanavalin A binding, antischistosomal antibody binding, and complement binding from surface of schistosomula

Complement

Samuelson JC; Sher A; Caulfield JP
1980 J Immunol 124 (4) Apr 2055-2057 Wm
Schistosoma mansoni, newly transformed schistosomula spontaneously lose surface antigens and C3 acceptor sites during culture

Complement

Santoro F et al
1980 Clin and Exper Immunol 42 (2) Nov 219-225 Wa
Schistosoma mansoni, human, circulating antigens, circulating immune complexes, and C3d levels, relationship with schistosome egg output

Complement

Santoro F et al
1980 Immunol Letters 2 (1) Aug 43-46 Wm
Schistosoma mansoni, anticomplementary antigens, detection in schistosomula and adult worms

Complement

Santoro F et al
1980 J Immunol 124 (6) June 2886-2891 Wm
Schistosoma mansoni, interaction with complement system: binding of C1q to schistosomula

Complement

Schreiber RD; Feldman HA
1980 J Infect Dis 141 (3) Mar 366-369 Wa
Toxoplasma gondii, human sera, activator system for antibody is identical with classical complement pathway and functions independently of properdin and the alternative complement pathway

Complement

Sitprija V et al
1980 Arch Int Med Chicago 140 (4) Apr 544-546 Wa
Trichinella spiralis-infected patients, renal clinicopathologic study, detection of circulating immune complexes and glomerular deposition of C3 and immunoglobulins: northern Thailand

Complement

Tabel H; Losos GJ; Maxie MG
1980 Tropenmed u Parasitol 31 (1) Mar 99-104 Wa
Trypanosoma vivax, T. congolense, cattle (exper.), serum levels of total protein albumin, activity of hemolytic complement, and complement component C3 decreased by infection

Complement

Tarleton RL; Kemp WM
1981 J Immunol 126 (1) Jan 379-384 Wm
Schistosoma mansoni adults, demonstration of IgG-Fc and C3 receptors, binding of host serum proteins to these receptors may aid parasite survival by helping to prevent immune detection

Complement

Tizard IR et al
1980 Research Vet Sc 28 (2) Mar 178-184 Wa
Trypanosoma theileri in vitro, production of haemolysins, phospholipases, complement activating factors, and mitogens, levels produced compatible with known low pathogenicity

Complement

Tizard IR; Mittal KR; Nielsen K
1980 Research Vet Sc 28 (2) Mar 203-206 Wa
Trypanosoma congolense, calves (exper.), no rise in immunconglutinins (IKS) levels, trypanosome infection inhibited IKS response to Brucella abortus strain 19, possible reasons

Complement

Van Egmond JG; Deelder AM; Daha MR
1981 Exper Parasitol 51 (2) Apr 188-194 Wa
Schistosoma mansoni, ability of antigens prepared from adult worms and eggs to activate complement in normal human serum in absence of anti-schistosome antibodies

Complement

Van Marck EAE et al
1981 Am J Trop Med and Hyg 30 (4) July 780-789 Wa
Trypanosoma gambiense, mice, rats, chronic experimental infections, renal disease, light and electron microscopy, immunofluorescence (deposits of complement and immunoglobulins but no trypanosomal antigen detected), specific antibodies in kidney eluates, circulating immune complexes, appears to be suitable model

Complement

Van Marck EAE; Deelder AM; Gigase PLJ
1981 Exper Parasitol 52 (1) Aug 62-68 Wa
Schistosoma mansoni, mice with unisexual infections, circulating anodic antigen detected in glomeruli accompanied by deposits of immunoglobulin and complement, probably represents antigen part of immune complexes, circulating anodic antigen appears to be major candidate among antigens involved in schistosomal glomerulopathy

Complement

Van Marck EAE; Vervoort T
1980 Tr Roy Soc Trop Med and Hyg 74 (5) 666-667 Wa
Trypanosoma brucei brucei, mice vaccinated with purified variable antigen, detection of immunoglobulins, C3 fraction of complement, and trypanosome antigen in glomeruli, trypanosomal antigen is most probably deposited in immune complex form

Complement

Ward PA et al
1981 J Immunol 126 (5) May 1826-1828 Wm
Plasmodium falciparum in vitro, P. berghei in rats, infection of red cells is not facilitated by availability of complement

- Complement
Ward PA; Jack RM
1981 Am J Pathol 102 (1) Jan 109-113 Wa
Babesia rodhaini, role of complement in entry process of merozoites into red cells, symposium presentation
- Complement
Wehnert SD; Woo PTK
1980 J Wildlife Dis 16 (2) Apr 183-187 Wa
Trypanoplasma salmositica, in vivo (experimental infections) and in vitro (plasma incubation technique, lytic ability of plasma from refractory fishes) studies on host specificity alternate pathway of complement activation suggested as possible mechanism for providing innate immunity to parasite
- Complement
Willadsen P
1980 Advances Parasitol 18 293-313 Wa
immunity to ticks, review; expression of immunity; nature of immunological response (antibody and complement; delayed hypersensitivity; immediate hypersensitivity; cellular reactions); artificial immunization and nature of tick antigens
- Complement
Willadsen P; Riding GA
1980 Biochem J 189 (2) Aug 1 295-303 Wm
Boophilus microplus, proteolytic-enzyme inhibitor, variations in concentration throughout life cycle, effect on isolated enzymes, on blood coagulation, on haemolytic complement, and on lymphocyte transformation
- Complement fixation See Immunity, Complement fixation
- Concurrent infections See Mixed infections
- Congenital immunity See Immunity, Native; Immunity, Passive
- Congenital infection See Prenatal infection
- Conjunctivitis See Eye
- Connecticut See United States, Connecticut
- Control See Biological control; Disease transmission, Control; Snail control; Technique, Treatment
- Coprology See Technique, Fecal examination
- Copulation See Behavior; Disease transmission, Venereal; Reproduction
- Costa Rica
Bullock WL
1980 J Parasitol 66 (5) Oct 811-813 Wa
intestinal parasite survey, children, advantages of using Kohn one-solution chlorazol black fixative-stain in examination of stools: rural northern Costa Rica
- Counterimmunoelectrophoresis See Immunity, Precipitation
- Counting techniques See Technique, Counting; Technique, Egg-count; Technique, Statistical methods
- Cross-immunity See Immunity, Cross-reactions
- Crowding
Armstrong E
1980 Ztschr Parasitenk 63 (2) 145-150 Wa
Nosema whitei in Tribolium castaneum (exper.), effects of crowding on host mortality and cannibalism, pupation and adult emergence, weight changes, and infection levels
- Crowding
Goff WL; Ronald NC
1981 Am J Vet Research 42 (10) Oct 1775-1777 Wa
Heterobilharzia americana, life history, emergence of cercariae from snails at night, relationship between number of flukes present and adult fluke size and between host size and adult fluke size
- Crowding
Insler GD
1981 Comp Biochem and Physiol 70B (4) 697-702 Wa
Hymenolepis diminuta, crowded vs. uncrowded worms, 10-day-old vs. 6-day-old worms, thymidine uptake kinetics, effect of succinate

Crowding

Insler GD; Roberts LS
1980 J Exper Zool 211 (1) Jan 45-54 Wa
Hymenolepis diminuta, rats, system for testing possible crowding factors in vitro, worms secreted substances inhibitory to growth of other worms

Crowding

Keymer AE
1980 Parasitology 81 (2) Oct 405-421 Wa
Hymenolepis diminuta in Tribolium confusum, relationship between number of exposures to infection and number and size of cysticeroids harbored per host, influence of parasite burden on host fecundity and host mortality, significance of these effects in relation to overall population dynamics of host-parasite association

Crowding

Kitron UD
1980 Parasitology 81 (2) Oct 235-249 Wa
Gammariadacarus orcheostoideae on Orcheostoidea corniculata, prevalence and intensity, seasonal variation, host sex, host size (age), host moult stage, reproductive condition of female hosts, frequency distribution of number of parasites per host, mean crowding index, patchiness, index of host mortality, field and laboratory observations: California

Crowding

Lumley AM; Lee DL
1981 Exper Parasitol 52 (2) Oct 183-190 Wa
Nippostrongylus brasiliensis, rats, Nematodirus battus, lambs, high-dose or low-dose infections, worm expulsion, changes in weight of male and female worms during course of infection, consequences of weight changes discussed with relevance to expression of enzyme activities of these nematodes on a weight of individual nematode basis

Crowding

Muzzall PM
1980 J Parasitol 66 (3) June 542-550 Wa
caryophyllaeid cestodes in Catostomus commersoni, prevalence and intensity, seasonal infection patterns, intestinal distribution, crowding effect, effect of host size: SE New Hampshire

Crowding

Parmeter SN; Death DD; Twaalfhoven H
1981 Research Vet Sc 30 (2) Mar 257-259 Wa
Taenia hydatigena, dogs infected with 1, 5, 10, 20, or 40 cysticerici, worm sizes, weights, numbers, relative numbers of pre-gravid and gravid proglottids

Crowding

Pike AW; Chappell LH
1981 Exper Parasitol 51 (1) Feb 35-41 Wa
Hymenolepis diminuta, worm loss and worm weight loss in long-term 1-, 2-, 5-, or 50-worm infections of the rat

Cuba

Barus V; Lorenzo Hernandez N
1966 Poeyana s A (25) Nov 4 17 pp Wc
nematodes of chickens, synonymy, descriptions, percentage of infection: Cuba

Cuba

Silva Taboada G
1965 Poeyana s A (12) Nov 10 1-14 Wc
external and internal parasites of bats: Cuba

Cultivation See Culture

Culture [See also Growth]

Culture, Arthropoda See Technique, Rearing, Arthropoda

Culture, Cestoda

Brandt JRA; Sewell MMH
1980 Vet Sc Commun 3 (4) Mar 317-324 Wa
Taenia saginata metacestodes, in vitro culture in diphasic medium

Culture, Cestoda

Evans WS
1980 Biol Tapeworm Hymenolepis diminuta 425-448 Wa
Hymenolepis spp., in vitro cultivation, review

Culture, Cestoda

Ferretti G; Gabriele F
[1980] Riv Parassitol Roma 39 (2-3) 1978
63-70 Issued Jan Wa
Hymenolepis nana, in vitro culture, no interference in parasite growth when antibiotics penicillin, streptomycin, and amphotericin B were used

Culture, Cestoda

Ferretti G; Gabriele F
[1980] Riv Parassitol Roma 40 (1-2) 1979 105-114 Issued Feb Wa
Hymenolepis nana, in vitro cultivation, action of sera and fractions of sera of animals of various species on parasite growth

Culture, Cestoda

Heath DD; Lawrence SB
1981 Internat J Parasitol 11 (4) Aug 261-266 Wa
Echinococcus granulosus, effect of sera from sheep infected with or immunized against cysts or oncospheres and developing cysts grown in vitro, study also provides new information on early metamorphosis of oncosphere to developing cyst as well as modification of culture media of Heath & Lawrence (1976)

Culture, Cestoda

Kumaratilake LM; Thompson RCA
1981 Ztschr Parasitenk 65 (1) 103-106 Wa
Echinococcus granulosus, maintenance of life cycle in laboratory following in vivo and in vitro development, viable infective eggs produced following cultivation of partly developed adult worms

Culture, Cestoda

Lawrence SB et al
1980 Parasitology 81 (1) Aug 35-40 Wa
Taenia ovis, improved technique for in vitro culture of larvae using cell monolayer, new observations on early development of oncospheres to immature cysticerici

Culture, Cestoda

Remond M; Perret C; Soule C
1980 Bull Acad Vet France 133 n s 53 (1) Jan-Mar 175-180 Wa
Cysticercus bovis, in vitro maintenance

Culture, Cestoda

Sinha DP
1978 Ann Zool Agra 14 (3) July 119-130 Wa
Hymenolepis nana, in vitro cultivation in various media

- Culture, Cestoda
Smyth JD
1979 Ang Parasitol 20 (3) Sept 137-147 Wa
Echinococcus granulosus, E. multilocularis, in vitro culture of strobilar stages, appearance of extra scolex in some developing E. multilocularis strobila after prolonged culture
- Culture, Cestoda
Smyth JD
1979 Symposia Brit Soc Parasitol 17 75-101 Wa
possible application of in vitro culture techniques to (a) identification of trematode metacercariae, (b) identification of taeniid eggs, and (c) determination of strain differences in Echinococcus spp.
- Culture, Cestoda
Smyth JD et al
1980 Lancet London (8161) 1 Jan 26 202-203 Wa
Echinococcus granulosus, in vitro culture of human hydatid material
- Culture, Nematoda
Ando K; Mitsuhashi J; Kitamura S
1980 Am J Trop Med and Hyg 29 (2) Mar 213-216 Wa
Dirofilaria immitis, uptake of amino acids and glucose by microfilariae maintained in culture medium for 8 days
- Culture, Nematoda
Bender AP et al
1981 Vet Rec 108 (2) Jan 10 41 Wa
Dirofilaria immitis, allogenic spleen cells killed microfilariae of another dog whose spleen cells could not kill its own microfilariae, may indicate that some form of immunosuppression is required for maintenance of microfilaraemia; culture medium in which microfilariae maintained motility for 44 days and 3 hours
- Culture, Nematoda
Cliff GM; Anderson RC
1980 J Helminth 54 (2) June 135-146 Wa
Pelodera strongyloides, development in culture, description of adults and developmental stages, effect of temperature on development, longevity of adults, exsheathment and development of dauerlarvae, storage of dauerlarvae, effect of freezing and desiccation on survival of dauerlarvae
- Culture, Nematoda
Devaney E
1981 Acta Trop 38 (3) Sept 251-260 Wa
Dirofilaria immitis, technique for cultivation in vitro to 2nd larval stage within malpighian tubules excised from mosquitoes 20-24 hrs post infection
- Culture, Nematoda
Douvres FW
1980 J Parasitol 66 (3) June 466-471 Wa
Trichostrongylus colubriformis, in vitro development from infective larvae to young adults
- Culture, Nematoda
Hata H; Fujita J; Yasuraoka K
1980 Japan J Exper Med 50 (5) Oct 365-374 Wa
Metastrongylus apri, in vitro cultivation
- Culture, Nematoda
Jenkins DC; Carrington TS
1981 Tropenmed u Parasitol 32 (1) Mar 31-34 Wa
Trichinella spiralis, new in vitro screening test for compounds active against parenteral stages, activity of known anthelmintics
- Culture, Nematoda
Kharat I et al
1980 Indian J Exper Biol 18 (11) Nov 1245-1247 Wa
Wuchereria bancrofti, in vitro cultivation of microfilariae
- Culture, Nematoda
Monteoliva M; Hermoso R
1970 Rev Iber Parasitol 30 (2-3) Apr-Sept 283-298 Wa
Ascaris lumbricoides var. suum, standard method for in vitro culture
- Culture, Nematoda
Ngu JL et al
1981 Acta Trop 38 (3) Sept 261-266 Wa
Onchocerca volvulus, method for selective recovery of living microfilariae from nodules, determination of optimal conditions for their culture in vitro for production of excretory/secretory products
- Culture, Nematoda
Oaks JA; Kayes SG
[1980] J Parasitol 65 (6) Dec 1979 969-970 Issued Apr 2 Wa
Toxocara canis, method for artificial hatching and culture of second stage larvae, immunological applications
- Culture, Nematoda
Pudney M; Varma MGR
1980 Trop Dis Research Ser (3) 367-389 Wm
filariae, present state of knowledge of in vitro cultivation, includes some unpublished work on cultivation of microfilariae of Onchocerca volvulus and O. gutturosa in continuous cell line from Rhipicephalus appendiculatus and on attempts to establish cell cultures from Simulium spp., workshop presentation
- Culture, Nematoda
Schiller EL et al
1980 Trop Dis Research Ser (3) 391-393 Wm
Onchocerca volvulus, cryopreservation and in vitro cultivation, workshop presentation
- Culture, Nematoda
Tanner M
1981 Acta Trop 38 (3) Sept 241-249 Wa
Dipetalonema viteae, development of infective larvae in vitro
- Culture, Nematoda
Whitlock HV et al
1980 Vet Parasitol 7 (3) Nov 215-232 Wa
simplified in vitro field screening methods for detection and assay of benzimidazole-resistance in sheep trichostrongylids and horse strongyles, field method for selecting test animals with low egg-counts, method for counting low levels of nematode eggs in faeces, method for recovery of eggs from faeces, method for culture of eggs or 1st-stage larvae to 3rd stage for identification

- Culture, Protozoa
Albright JW; Albright JF
1980 Internat J Parasitol 10 (?) Anr 137-142 Wa
Trypanosoma musculi, in vitro growth in cell-free medium conditioned by rodent (rat or mouse) macrophages and mercaptoethanol
- Culture, Protozoa
Al-Khateeb GH; Al-Azawi DMA
1981 J Parasitol 67 (1) Feb 127 Wa
Leishmania donovani, monophasic liquid medium (GD-NRC) for cultivation
- Culture, Protozoa
Allison AC; Eugui EM
1981 Am J Path 102 (1) Jan 114-120 Wa
theileriosis, lymphoid organ changes in infected cattle, establishment of lymphoid cell lines containing parasites, humoral and cell-mediated immunity, symposium presentation
- Culture, Protozoa
de Andrade PP; de Almeida DF
1980 J Parasitol 66 (2) Apr 250-254 Wa
Herpetomonas samuelpessoai, structural transition in vitro under conditions intended to favor alternatively aerobic or anaerobic energy-producing metabolic pathways through variation of oxygen tension in culture medium
- Culture, Protozoa
Avila JL; Avila A
1981 Exper Parasitol 51 (3) June 318-324 Wa
Trypanosoma cruzi, nucleotide and vitamin requirements of growing epimastigotes assessed using defined culture medium
- Culture, Protozoa
Barrios MA et al
1980 Medicina Buenos Aires 40 Suppl (1) 252-254 Wm
Trypanosoma cruzi, culture of epimastigotes, biphasic vs. submerged media
- Culture, Protozoa
Basso B; Moretti ER; Dominguez M
1980 Medicina Buenos Aires 40 (4) July-Aug 428-432 Wm
Trypanosoma cruzi, culture in a monophasic medium with aeration to obtain antigens, recommended for good yields with high homogeneity of harvested material simply obtained
- Culture, Protozoa
Beaudoin RL; Pacheco ND
1980 Trop Dis Research Ser (3) 15-27 Wm
Plasmodium of birds and of rodents, cultivation of exoerythrocytic stages, workshop presentation
- Culture, Protozoa
Bell LJ
1980 Acta Trop 37 (4) Dec 319-325 Wa
Rhipicephalus appendiculatus, 2 organ culture techniques ('backless tick explants' and excised salivary gland cultures), maturation of Theileria parva in 2 systems compared
- Culture, Protozoa
Bertelli MSM; Brener Z
1980 J Parasitol 66 (6) Dec 992-997 Issued May 6 1981 Wa
Trypanosoma cruzi, Y vs. CL strains, infection of tissue culture (Vero and bovine embryo skeletal muscle) cells with bloodstream trypomastigotes, results may throw some light on phenomenon of tissue tropism in living host
- Culture, Protozoa
Bhatia VN; Warhurst DC
1981 J Trop Med and Hyg 84 (1) Feb 45 Wa
Giardia intestinalis, hatching and subsequent cultivation in Diamond's medium
- Culture, Protozoa
Biennen EJ; Hammadi E; Hill GC
1981 Exper Parasitol 51 (3) June 408-417 Wa
Trypanosoma brucei brucei, reproducible in vitro system for study of transformation of bloodstream- to procyclic-trypomastigotes, morphological changes, nutritional requirements, respiration
- Culture, Protozoa
Billiault X; Ambroise-Thomas P
1980 Ann Trop Med and Parasitol 74 (2) Apr 249-250 Wa
Plasmodium falciparum, in vitro cultivation, isolation of merozoites from cultivated schizonts bound to concanavalin A
- Culture, Protozoa
Bioul-Marchand M et al
1980 J Parasitol 66 (6) Dec 1050-1052 Issued May 6 1981 Wa
Trypanosoma cruzi, multiplication in mouse myocardial cell line
- Culture, Protozoa
Brackett RG et al
1979 Bull World Health Organ 57 suppl 1 33-36 Wa
Plasmodium falciparum, in vitro propagation for merozoite antigens with yields sufficient for experimental vaccine studies
- Culture, Protozoa
Brockelman CR
1980 Trop Dis Research Ser (3) 101 Wm
Plasmodium falciparum, induction of gametocytogenesis in continuous culture, workshop presentation
- Culture, Protozoa
Brohn FH; Clarkson AB jr
1980 Molec and Biochem Parasitol 1 (5) Sept 291-305 Wa
Trypanosoma brucei brucei, patterns of glycolysis at 37°C in vitro, maintenance method may be useful in short-term in vitro biochemical and physiological investigations where cultivation is unsuitable
- Culture, Protozoa
Brown CGD
1979 Pract Tissue Culture Applic 223-254 Wa
Theileria spp., cultivation in vitro, review
- Culture, Protozoa
Brown CGD
1980 Trop Dis Research Ser (3) 127-143 Wm
Theileria, in vitro cultivation, workshop presentation
- Culture, Protozoa
Brown J; Smalley ME
1980 Clin and Exper Immunol 41 (3) Sept 423-429 Wa
Plasmodium falciparum, specific antibody-dependent cellular cytotoxicity, in vitro microassay; evidence of parasite growth-promoting factor produced by lymphocytes

- Culture, Protozoa
Brun R et al
1979 Acta Trop 36 (4) Dec 387-390 Wa
Trypanosoma brucei, T. rhodesiense, cultivation of vertebrate-infective forms derived from metacyclic forms of pleomorphic stocks
- Culture, Protozoa
Brun R; Jenni L
1977 Acta Trop 34 (1) Mar 21-33 Wa
Trypanosoma brucei, T. rhodesiense, T. gambiense, T. congolense, new semi-defined medium, growth characteristics, glucose uptake, amino acid utilization, and ultrastructure of trypanosomes grown in this medium
- Culture, Protozoa
Brun R; Jenni L; Tanner M
1980 Trop Dis Research Ser (3) 207-210 Wm
Trypanosoma brucei, in vitro transformation of metacyclic forms and subsequent cultivation of resulting bloodstream forms, workshop presentation
- Culture, Protozoa
Brun R; Schoenenberger M
1979 J Invert Path 34 (2) Sept 289-292 Wa
Trypanosoma brucei, cultivation and in vitro cloning of procyclic culture forms in semi-defined medium
- Culture, Protozoa
Butcher GA
1979 Bull World Health Organ 57 suppl 1 17-26 Wa
Plasmodium falciparum, P. knowlesi, factors affecting in vitro culture; horse serum may be possible as replacement for human serum for P. falciparum; P. knowlesi may change antigenic specificity in course of adapting to culture
- Culture, Protozoa
Butcher GA
1981 Ann Trop Med and Parasitol 75 (1) Feb 7-17 Wa
Plasmodium falciparum, suspension cultures yielded approximately twice the amount of malaria parasites as static thin layer cultures
- Culture, Protozoa
Butcher GA
1981 Ann Trop Med and Parasitol 75 (1) Feb 111-113 Wa
Plasmodium falciparum, simple automated device for maintenance in suspension culture
- Culture, Protozoa
Byers TJ et al
1980 J Protozool 27 (2) May 216-219 Issued July 17 Wa
Acanthamoeba, rapid growth in defined media; induction of encystment by glucose-acetate starvation
- Culture, Protozoa
Caceres O et al
1979 Rev Inst Med Trop S. Paulo 21 (1) Jan-Feb 5-12 Wm
Trypanosoma cruzi, culture forms, Aspergillus sp. in liquid medium is lethal to parasites
- Culture, Protozoa
Campbell CC et al
1980 Tr Roy Soc Trop Med and Hyg 74 (5) 668-669 Wa
Plasmodium falciparum, prolific production of gametocytes in culture by Tanzanian I/CDC strain, infection of Anopheles freeborni by culture-grown gametocytes
- Culture, Protozoa
Campbell GH et al
1979 Bull World Health Organ 57 suppl 1 219-225 Wa
Plasmodium falciparum, microculture technique that can be used as in vitro assay for growth and reinvasion inhibition, inhibition of growth by Aotus serum, method should facilitate study of immune effector mechanisms
- Culture, Protozoa
Carter R; Miller LH
1979 Bull World Health Organ 57 suppl 1 37-52 Wa
Plasmodium falciparum, evidence for environmental modulation of gametocytogenesis in continuous culture
- Culture, Protozoa
Chang KP
1980 Science (4462) 209 Sept 12 1240-1242 Wa
Leishmania mexicana amazonensis in mouse macrophage line, propagation and isolation of intracellular parasites
- Culture, Protozoa
Chang KP
1980 Trop Dis Research Ser (3) 275-276 Wm
Leishmania donovani, in vitro multiplication of amastigotes in macrophages, workshop presentation
- Culture, Protozoa
Chang KP; Bray RS; Leaney AJ
1981 Tr Roy Soc Trop Med and Hyg 75 (3) 475-476 Wa
Leishmania mexicana amazonensis, infection of mouse macrophages in vitro by sandfly-derived promastigotes
- Culture, Protozoa
Chao J; Ball GH
1980 Trop Dis Research Ser (3) 29-33 Wm
Plasmodium, in vitro cultivation of mosquito phase, workshop presentation
- Culture, Protozoa
Chen P et al
1980 Southeast Asian J Trop Med and Pub Health 11 (4) Dec 435-440 Wa
Plasmodium falciparum, 7 strains from Papua New Guinea, establishment of continuous lines, culture characteristics, resistance to chloroquine and pyrimethamine determined
- Culture, Protozoa
Chen ZR et al
1980 Chinese Med J 93 (1) Jan 31-35 Wm
Plasmodium knowlesi, P. falciparum, cultivation in vitro by continuous transfer technique, possible basis for extended cultivation and preparation of parasite antigens
- Culture, Protozoa
Chin W; Collins WE
1980 Am J Trop Med and Hyg 29 (6) Nov 1143-1146 Wa
Plasmodium falciparum, 3 strains isolated by culture method of Trager and Jensen, strain characteristics (sensitivity to anti-malarials, virulence of infections in Aotus monkeys, production of gametocytes) differed markedly depending on ease of adaptation to culture, implications of findings particularly as they may apply to epidemiology of chloroquine-resistant falciparum malaria

- Culture, Protozoa
Cho KM; Kim CW; Soh CT
1972 Yonsei Rep Trop Med 3 (1) Nov 37-59 Wm
Entamoeba histolytica, ultrastructural differences between trophozoites and precyst-like forms cultivated in vitro and those cultivated in intestinal mucosa of rabbits
- Culture, Protozoa
Chowdhuri ANR; Chowdhury DS; Regis ML
1979 Indian J Med Research 70 Suppl Dec 72-78
Wa
Plasmodium falciparum, P. malariae, simultaneous multiplication in continuous culture using the candle jar technique of Trager and Jensen
- Culture, Protozoa
Chowdhuri ANR; Chowdhury DS; Regis ML
1980 Trop Dis Research Ser (3) 103 Wm
Plasmodium malariae, P. falciparum, simultaneous propagation in continuous culture established from case of mixed infection, workshop presentation
- Culture, Protozoa
Christensen HA; Herrer A
1979 J Med Entom 16 (5) Nov 23 424-427 Wa
Trypanosomatidae from Choloepus hoffmanni, xenodiagnostic feeding trials with Lutzomyia spp., comparison with biopsy-culture technique
- Culture, Protozoa
Christow CP
1979 Pakistan J Zool 11 (2) 235-238 Wa
Trichomonas foetus, culture, effect of pan-tothenic acid antagonists on growth
- Culture, Protozoa
Chulay JD et al
1981 Am J Trop Med and Hyg 30 (1 pt 1) Jan 12-19 Wa
Plasmodium falciparum, inhibitory effects of immune monkey serum on synchronized cultures, findings support hypothesis that immune serum agglutinates merozoites and thereby inhibits their invasion into uninfected erythrocytes
- Culture, Protozoa
Chulay JD; Haynes JD; Diggs CL
1981 J Infect Dis 144 (3) Sept 270-278 Wa
Plasmodium falciparum in vitro used to detect inhibitory antibody in immune Aotus trivirgatus griseimembra serum and to compare in vitro inhibition with in vivo resistance to infection
- Culture, Protozoa
Clayton CE
1980 Tr Roy Soc Trop Med and Hyg 74 (1) 125-126
Wa
Trypanosoma musculi, culture system for in vitro studies of immunity
- Culture, Protozoa
Cohen BAJ; Looij BJ; Wittner M
1977 Ann Soc Belge Med Trop 57 (1) Feb 55-56 Wa
Trypanosoma cruzi, 5-fluorocytosine as fungicidal agent in T2 and GLSH-SF culture media
- Culture, Protozoa
Cohen BAJ; Wittner M; Looij BJ
1977 Ann Soc Belge Med Trop 57 (1) Feb 51-54 Wa
Trypanosoma cruzi, in vitro cultivation, attempt to chemically define Bone's T2 medium by replacing Bacto-tryptose with its ultrafiltrates
- Culture, Protozoa
Cunningham I; Honigberg BM; Taylor AM
1981 J Parasitol 67 (3) June 391-397 Wa
Trypanosoma brucei, infectivity of monomorphic and pleomorphic stocks cultivated at 28°C with various tsetse fly tissues
- Culture, Protozoa
Das SR et al
1980 Indian J Exper Biol 18 (4) Apr 333-336 Wa
Entamoeba invadens, axenic encystation, apparent correlation between encystation and cellulose biosynthesis, inhibition of morphological differentiation and glucose incorporation by cycloheximide
- Culture, Protozoa
Doyle JJ; Hirumi H; Hirumi K
1980 Trop Dis Research Ser (3) 213-215 Wm
Trypanosoma brucei, antigenic variation in vitro, workshop presentation
- Culture, Protozoa
Druilhe P et al
1980 Tropenmed u Parasitol 31 (4) Dec 409-413
Wa
Plasmodium falciparum, in vitro culture, improvements using umbilical cord serum and medium modifications
- Culture, Protozoa
Dumon H et al
1981 Compt Rend Soc Biol Paris 175 (1) 82-86
Wa
Leishmania infantum, canine strain, growth in continuous culture
- Culture, Protozoa
Dusanic DG
1980 J Parasitol 66 (6) Dec 1046-1049 Issued May 6 1981 Wa
Trypanosoma cruzi, in vitro production of metacyclic trypomastigotes
- Culture, Protozoa
Dvorak JA
1980 Trop Dis Research Ser (3) 223-236 Wm
Trypanosoma cruzi, review of 4 major research areas for use of in vitro cell cultures, brief description of steady-state culture system, workshop presentation
- Culture, Protozoa
Eastham GM; Rieckmann KH
1981 J Trop Med and Hyg 84 (1) Feb 27-28 Wa
Plasmodium falciparum, cultivation using a portable field incubator, facilitates assessment of susceptibility of parasite to chloroquine and other antimalarials in remote areas
- Culture, Protozoa
Erp EE et al
1980 Am J Vet Research 41 (7) July 1141-1142 Wa
Babesia bovis, continuous in vitro cultivation, cultured organisms are morphologically identical to bloodstream forms and show no loss of infectivity and virulence
- Culture, Protozoa
Erp EE et al
1980 Am J Vet Research 41 (12) Dec 2059-2062 Wa
Babesia bovis, in vitro cultivation, optimization of the suspension culture method

- Culture, Protozoa
Fagundes LJM; et al
1980 J Protozool 27 (2) May 238-241 Issued July 17 Wa
Herpetomonas samuelpessoai, synthesis of sterols, influence of growth medium and temperature
- Culture, Protozoa
Fairlamb AH; Bowman IBR
1980 Exper Parasitol 49 (3) June 366-380 Wa
Trypanosoma brucei, maintenance of concentrated suspensions of bloodstream trypomastigotes in vitro using continuous dialysis in order to measure endocytosis under controlled conditions, kinetics and mechanism of uptake of polyvinylpyrrolidone
- Culture, Protozoa
Feria-Velasco A; Tapia-Arizmendi G
1977 Arch Invest Med 8 (3) 199-208 Wm
Entamoeba histolytica, strains cultured in axenic and monoxenic conditions, qualitative X-ray spectroscopical analysis of trophozoite nuclei, composition of refractive intranuclear bodies did not change with culture conditions or composition of culture media
- Culture, Protozoa
Gardiner PR et al
1980 J Protozool 27 (2) May 182-185 Issued July 17 Wa
Trypanosoma brucei infective forms produced in tsetse fly salivary gland culture system, structure, method for separation using DEAE-cellulose column chromatography
- Culture, Protozoa
Genc S; Ulker M; Mercangoz F
1979 Mikrobiyol Bul 13 (1) Jan 27-33 Wm
Trichomonas vaginalis, women with vaginitis, diagnosis by culture and direct microscopic examination, incidence survey
- Culture, Protozoa
Gillin FD; Diamond LS
1980 J Parasitol 66 (2) Apr 350-352 Wa
Giardia lamblia, clonal growth of trophozoites in semisolid agarose medium
- Culture, Protozoa
Gillin FD; Diamond LS
1980 J Protozool 27 (2) May 220-225 Issued July 17 Wa
Entamoeba histolytica, attachment and short-term maintenance of motility and viability of trophozoites in defined non-growth medium
- Culture, Protozoa
Gillin FD; Diamond LS
1980 Exper Parasitol 49 (3) June 328-338 Wa
Entamoeba histolytica, E. invadens, effects of temperature and oxygen tension on growth and survival in vitro
- Culture, Protozoa
Gillin FD; Diamond LS
1981 Exper Parasitol 52 (1) Aug 9-17 Wa
Entamoeba histolytica and Giardia lamblia in culture media, attachment of trophozoites to glass as function of phase of growth, effects of cysteine and ascorbic acid on kinetics of attachment, effects of cysteine, cystine, and ascorbic acid on trophozoite survival at different oxygen tensions
- Culture, Protozoa
Gillin FD; Diamond LS
1981 Exper Parasitol 51 (3) June 382-391 Wa
Entamoeba histolytica, Giardia lamblia, efficiencies of various reducing agents in supporting axenic growth
- Culture, Protozoa
Gillin FD; Diamond LS
[1981] J Protozool 27 (4) Nov 1980 474-478 Issued Mar 11 Wa
Entamoeba histolytica in defined maintenance medium, attachment to glass, motility, and survival, specific requirement for cysteine and ascorbic acid
- Culture, Protozoa
Gold D; Norman L
[1980] J Parasitol 65 (6) Dec 1979 970-972 Issued Apr 2 Wa
Entamoeba histolytica, attempts to preserve or enhance virulence of some strains in axenic and monoxenic cultures by hamster liver passage
- Culture, Protozoa
Goldberg SS; Chiari E
1980 J Parasitol 66 (4) Aug 677-679 Wa
Trypanosoma cruzi, growth and isolation of single colonies on solid medium
- Culture, Protozoa
Gray MA et al
1981 Parasitology 82 (1) Feb 81-95 Wa
Trypanosoma congolense, establishment and maintenance of cultures producing trypanosomes infective for mice using trypanosomes from proboscides of infective Glossina morsitans
- Culture, Protozoa
Gupta SL; Gautam OP; Bhardwaj RM
1980 Indian J Med Research 71 Feb 217-220 Wa
Toxoplasma gondii, tachyzoites cultivated in lamb testicular cells, possible use for laboratory maintenance as alternative to use of mice
- Culture, Protozoa
Haggerty RM; John DT
1980 Proc Helminth Soc Washington 47 (1) Jan 129-134 Issued Feb 15 Wa
Naegleria fowleri, virulence for mice, effect of incubation temperature, growth phase, strain of parasite, and length of time in axenic culture
- Culture, Protozoa
Hanson WL
1980 Trop Dis Research Ser (3) 245-246 Wm
Trypanosoma cruzi, mass production of trypomastigote and amastigote stages in cell culture, workshop presentation
- Culture, Protozoa
Heath JP
1981 Brit J Vener Dis 57 (2) Apr 106-117 Wm
Trichomonas vaginalis in mammalian cell cultures, light and electron microscopic study, parasites adhered to epithelial cells, developed an amoeboid morphology, and crawled over and under monolayer of cells, possibly important mechanisms of injury to host epithelium
- Culture, Protozoa
Hendricks LD; Childs GE
1980 Trop Dis Research Ser (3) 251-272 Wm
Leishmania, present knowledge of in vitro cultivation, workshop presentation

- Culture, Protozoa
Hill GC
1980 Trop Dis Research Ser (3) 201 Wm
Trypanosoma brucei rhodesiense, in vitro cultivation, same cell line also supports T. b. brucei and T. b. equiperdum, workshop presentation
- Culture, Protozoa
Hill GC et al
1978 Acta Trop 35 (3) Sept 201-207 Wa
Trypanosoma brucei, infective cultures initiated and maintained on buffalo lung and Chinese hamster lung tissue culture cells
- Culture, Protozoa
Hirumi H
1979 Pract Tissue Culture Applic 309-329 Wa
Trypanosoma spp., in vitro cultivation, applications, review including some unpublished data
- Culture, Protozoa
Hirumi H et al
1980 Parasitology 80 (2) Apr 371-382 Wa
Trypanosoma brucei, in vitro cloning of animal-infective bloodstream forms
- Culture, Protozoa
Hirumi H et al
1980 Trop Dis Research Ser (3) 153-154 Wm
Theileria parva, semi-large scale cultivation and isolation of macroschizonts, workshop presentation
- Culture, Protozoa
Hirumi H et al
1980 Trop Dis Research Ser (3) 165-200 Wm
Trypanosoma brucei, in vitro cultivation, complete cyclic development in presence of bovine feeder layer cells, workshop presentation
- Culture, Protozoa
Hockmeyer WT; Kager PA; Rees P
1980 Trop Dis Research Ser (3) 273-274 Wm
Leishmania donovani, human, cultivation of parasites obtained from splenic aspirates as aid in diagnosis and treatment of kala-azar, workshop presentation
- Culture, Protozoa
Hodgkinson VH; Herman R; Semprevivo L
1980 Exper Parasitol 50 (3) Dec 397-408 Wa
Leishmania donovani, correlation among 3 assays of amastigote viability (initiation of differentiation in culture; erythrosin B staining; in vivo assay)
- Culture, Protozoa
Hollingdale MR et al
1981 Science (4511) 213 Aug 28 1021-1022 Wa
Plasmodium berghei, in vitro cultivation of exoerythrocytic stage from sporozoites
- Culture, Protozoa
Holman PJ
1981 J Med Entom 18 (1) Feb 20 84-88 Wa
Boophilus microplus, newly developed cell strain (VIII-SCC) of uniform morphology and karyotype and significantly shorter doubling time, partial characterization; could lend itself to in vitro propagation of Anaplasma and Babesia
- Culture, Protozoa
Hudson L
1981 Tr Roy Soc Trop Med and Hyg 75 (4) 493-498 Wa
Trypanosoma cruzi, modelling the host and the parasite (in vivo and in vitro studies), immune response (immunity to infection, immunity and pathogenesis, immunization and immunoprophylaxis), monoclonal antibodies as immunological tools, review
- Culture, Protozoa
Ifediba T; Vanderberg JP
1980 J Parasitol 66 (2) Apr 236-239 Wa
Plasmodium falciparum, cultivation, peptones and calf serum as replacement for human serum
- Culture, Protozoa
Irvin AD
1980 Trop Dis Research Ser (3) 147-148 Wm
Theileria parva, attempts to adapt to different cell and animal systems, workshop presentation
- Culture, Protozoa
Irvin AD; Young ER
1979 Research Vet Sc 27 (2) Sept 241-243 Wa
Babesia major-infected bovine erythrocytes fused with human HeLa cells, parasites entered HeLa cell cytoplasm and underwent multiplication
- Culture, Protozoa
de Isola ELD et al
1981 J Parasitol 67 (1) Feb 53-58 Wa
Trypanosoma cruzi, influence of organ extracts of Triatoma infestans on differentiation from epimastigotes to metacyclic forms in vitro
- Culture, Protozoa
Jack RM; Ward PA
1980 J Immunol 124 (4) Apr 1566-1573 Wm
Babesia rodhaini in 2 different in vitro culture systems, interactions with complement, relationship to parasite entry into red cells
- Culture, Protozoa
Jenni L; Brun R
1981 Tr Roy Soc Trop Med and Hyg 75 (1) 150-151 Wa
Trypanosoma brucei, in vitro cultures initiated with metacyclic forms, antigenic variation, immunization of mice
- Culture, Protozoa
Jensen JB
1979 Bull World Health Organ 57 suppl 1 27-31 Wa
Plasmodium falciparum, some aspects of serum requirements for continuous cultivation
- Culture, Protozoa
Jensen JB
1981 J Parasitol 67 (4) Aug 580-581 Wa
Plasmodium falciparum, simple apparatus for large-scale production of parasites in vitro

- Culture, Protozoa
Jensen JB; Capps TC; Carlin JM
1981 Am J Trop Med and Hyg 30 (3) May 523-525
Wa
Plasmodium falciparum, clinical chloroquine-resistant falciparum malaria acquired in laboratory from cultured parasites, case report
- Culture, Protozoa
Jensen JB; Trager W; Beaudoin RL
1979 Pract Tissue Culture Applic 255-265 Wa
Plasmodium, techniques for in vitro cultivation of erythrocytic and exoerythrocytic stages, review
- Culture, Protozoa
Jepsen S; Andersen BJ
1981 Acta Path et Microbiol Scand 89C (2) Apr 99-103 Wa
Plasmodium falciparum, immunoadsorbent isolation of soluble antigens from culture medium of in vitro cultivated parasites
- Culture, Protozoa
Jones TW et al
1981 Tr Roy Soc Trop Med and Hyg 75 (4) 560-565
Wa
Trypanosoma brucei gambiense, use of culture-derived metacyclic trypanosomes in studies on serological relationships of 5 stocks from 4 African countries
- Culture, Protozoa
Kaushal DC et al
1980 Nature London (5772) 286 July 31 490-492
Wa
Plasmodium falciparum, gametocytogenesis in continuous culture
- Culture, Protozoa
Keppel AD; Janovy J jr
1980 J Parasitol 66 (5) Oct 849-851 Wa
Leishmania donovani, morphology of colonies grown on blood agar plates
- Culture, Protozoa
Kien T; Toazara J; Himy-Dahan R
1979 Microbia 5 (3-4) 41-59 Wa
Toxoplasma gondii, comparison of morphology, pathogenicity, and antigenicity of RH Sabin strain grown in 3 different media
- Culture, Protozoa
Kilejian A
1980 Proc National Acad Sc 77 (6) June 3695-3699 Wm
Plasmodium falciparum, establishment of highly synchronized cultures enabled identification of stage-specific proteins, glycoproteins, and antigens unique to schizonts and merozoites
- Culture, Protozoa
Kimber CD et al
1981 Ann Trop Med and Parasitol 75 (4) Aug 453-454 Wm
Leishmania spp., incorporation of 5-fluorocytosine with gentamycin into culture media should help in initial isolation under field conditions without hazard of fungal and bacterial contamination
- Culture, Protozoa
Kimsey PB et al
1980 J Am Vet Med Ass 177 (7) Oct 1 616-619 Wa
Trichomonas foetus, bulls, field diagnosis by culture of preputial secretion; dimetridazole therapy: San Joaquin Valley, California
- Culture, Protozoa
Kurtti TJ et al
1981 Exper Parasitol 52 (2) Oct 280-290 Wa
Theileria parva, cellular origin and development of bovine lymphoblastoid cell lines persistently infected with macroschizonts, comparison of cultures of lymphoblastoid cells isolated from cattle with patent East Coast fever, cultures obtained by infecting normal lymphocytes in vitro with sporozoites, and continuous line which had been isolated earlier; use of lymphocyte cultures to quantitate infectivity of sporozoites obtained from organ cultures of Rhipicephalus appendiculatus salivary glands
- Culture, Protozoa
Kurtti TJ; Munderloh UG
1980 Trop Dis Research Ser (3) 145-146 Wm
Theileria parva, in vitro stability of bovine lymphoid cells infected with macroschizonts, workshop presentation
- Culture, Protozoa
Lamont G; Saul A; Kidson C
1981 Exper Parasitol 51 (1) Feb 74-79 Wa
Plasmodium falciparum, method for quantitatively assaying merozoite invasion of particular erythrocytes in vitro, technique used to determine effect of serum from infected patient on merozoite invasion of erythrocytes
- Culture, Protozoa
Larrouy G; Magnaval JF; Moro F
1981 Compt Rend Acad Sc Paris s III Sc Vie 292 (16) May 4 929-930 Wm
Plasmodium vivax, intra-erythrocytic forms, in vitro culture
- Culture, Protozoa
Leek RG; Fayer R
1979 Proc Helminth Soc Washington 46 (1) Jan 151-154 Issued Mar 14 Wa
Sarcocystis cruzi, storage medium best for prolonged survival of sporocysts (measured by excystation rates) and for control of bacterial and fungal contaminants
- Culture, Protozoa
Levett PN
1980 Med Lab Sc 37 (1) Jan 85-88 Wa
Trichomonas vaginalis, comparison of five methods for detection in clinical specimens
- Culture, Protozoa
Levy MG; Ristic M
1980 Science (4436) 207 Mar 14 1218-1220 Wa
Babesia bovis, continuous cultivation in micro-aerophilous stationary phase culture
- Culture, Protozoa
Linstead D
1981 Parasitology 83 (1) Aug 125-137 Wa
Trichomonas vaginalis, new defined and semi-defined media for cultivation, preliminary nutritional studies using new media
- Culture, Protozoa
Lo HS; Shaio M
1981 Ann Trop Med and Parasitol 75 (5) Oct 567-568 Wm
Trichomonas hominis, method for isolation in axenic culture

- Culture, Protozoa
Lopetegui R; Sosa Miatello C
1978 Rev Asoc Argent Microbiol 10 (1) Jan-Apr
24-26 Wm
Trypanosoma cruzi, epimastigote forms in culture, nucleic acids and protein content
- Culture, Protozoa
McHardy N; Hudson AT; Rae DG
1980 Trop Dis Research Ser (3) 149-152 Wm
Theileria parva, activity of menotone and other 2-cycloalky-3-hydroxy-1,4-naphthoquinones, correlation of results in culture and in cattle, workshop presentation
- Culture, Protozoa
Manaia AC; et al
1981 J Protozool 28 (1) Feb 124-126 Issued
June 18 Wa
Leptomonas lactosovorans n. sp. from Zelurus martinisi (midgut), growth in defined medium, nutritional requirements, utilization of lactose as carbon source is unique among trypanosomatids: Goiania, state of Goias, Brazil
- Culture, Protozoa
Marinkelle CJ
1981 Tr Roy Soc Trop Med and Hyg 75 (4) 609-610
Wa
Leishmania, prognostic importance of culturing parasites isolated from patients with cutaneous and mucocutaneous leishmaniasis
- Culture, Protozoa
Martini AS; Ribeiro RD
1980 Rev Brasil Biol 40 (1) Feb 149-154 Wa
Trypanosoma cruzi, 16 strains isolated from man, wild mammals, and triatomines, behavior in culture media
- Culture, Protozoa
Mason PR; Forman L
1981 Central African J Med 27 (1) Jan 8-11 Wm
Trichomonas vaginalis, human urogenital infections, comparison of 4 diagnostic culture media
- Culture, Protozoa
Mazzola V; Kuttler KL
1980 Am J Vet Research 41 (12) Dec 2087-2088
Wa
Anaplasma marginale, cultivation in bovine erythrocyte cultures
- Culture, Protozoa
Melo MN
1981 Tr Roy Soc Trop Med and Hyg 75 (5) 756
Wa
Leishmania, cultivation in chemically defined media
- Culture, Protozoa
Miglietta HF et al
1980 Medicina Buenos Aires 40 Suppl (1) 254-255
Wm
T[rypanosoma] cruzi, culture of epimastigotes in monophasic media, effect of glucose concentration on cellular development
- Culture, Protozoa
Mishra GC; Banyal HS; Dutta GP
1980 Indian J Exper Biol 18 (5) May 486-488 Wa
Plasmodium knowlesi, in vitro invasion of Macaca assamensis erythrocytes by merozoites
- Culture, Protozoa
Molet B; Werler C; Kremer M
1981 Tr Roy Soc Trop Med and Hyg 75 (5) 752-753
Wa
Blastocystis hominis, improved axenic cultivation
- Culture, Protozoa
Moltmann UG
1980 Ztschr Parasitenk 62 (2) 165-178 Wa
Klossia helicina, merogony in snail kidney tissue cultures, ultrastructure of meronts and merozoites
- Culture, Protozoa
Monjour L et al
1978 Ann Soc Belge Med Trop 58 (4) Dec 287-291
Wa
Leishmania donovani in modified liquid culture medium, quick production of somatic and metabolic antigens, useful with the gel diffusion test for diagnosing and field screening for infections of man and animals
- Culture, Protozoa
Moreau Y; Soula A
1979 Bull Soc Sc Vet et Med Comp Lyon 81 (5) 255-261 Wa
Babesia canis, in vitro culture, ultrastructure
- Culture, Protozoa
Mrema JEK et al
1979 Bull World Health Organ 57 suppl 1 63-68
Wa
Plasmodium falciparum, harvest of merozoites from continuous culture, implications for development of human malaria vaccine
- Culture, Protozoa
Nacy CA; Diggs CL
1981 Infect and Immun 34 (1) Oct 310-313 Wa
Leishmania tropica, intracellular replication of amastigotes in mouse peritoneal macrophage cultures, comparison of adherent vs. nonadherent macrophages
- Culture, Protozoa
Ngimbi NP et al
1979 Ann Soc Belge Med Trop 59 (3) Sept 237-250
Wa
Plasmodium berghei, sporozoites used for laboratory studies, survival and infectivity dependent on such factors as culture medium, temperature in culture or in vector salivary glands, route of inoculation into laboratory animals
- Culture, Protozoa
Nguyen-Dinh P et al
1981 Science (4499) 212 June 5 1146-1148 Wa
Plasmodium cynomolgi, successful continuous cultivation, first vivax-type malaria parasite to become accessible to long-term studies in vitro
- Culture, Protozoa
Nguyen-Dinh P; Campbell CC; Collins WE
1980 Science (4462) 209 Sept 12 1249-1251 Wa
Plasmodium inui, in vitro cultivation
- Culture, Protozoa
Ockert G
1980 Ztschr Ges Hyg u Grenzgebiete 26 (10) Oct 726-729 Wm
intestinal protozoal infections, humans, diagnosis, stained stool preparations, usefulness of culture enrichment to increase detection

- Culture, Protozoa
O'Daly JA
1980 Trop Dis Research Ser (3) 237-243 Wm
Trypanosoma cruzi, Leishmania mexicana, L. donovani, liquid medium for cultivation, isolation of proteins that promote division and thymidine uptake, isolation of lytic factor in parasite homogenates, workshop presentation
- Culture, Protozoa
Olatunde DS
1980 Trop Dis Research Ser (3) 205 Wm
Trypanosoma spp., tissue culture studies, workshop presentation
- Culture, Protozoa
Osisanya JOS
1981 Med Lab Sc 38 (2) Mar 139-141 Wa
Entamoeba histolytica, isolation and diagnostic cultivation, comparison of 2 methods
- Culture, Protozoa
Osisanya JOS; Gould S; Warhurst DC
1980 Ann Trop Med and Parasitol 74 (5) Oct 559 Wa
Plasmodium falciparum, elimination of yeast contamination from cultures using 5-fluorocytosine
- Culture, Protozoa
Osisanya JOS; Gould S; Warhurst DC
1981 Ann Trop Med and Parasitol 75 (1) Feb 107-109 Wa
Plasmodium falciparum, simplified culture technique
- Culture, Protozoa
Osuna-Carrillo A; Jimenez-Ortiz A; Lozano-Maldonado J
1979 Rev Iber Parasitol 39 (1-4) Jan-Dec 129-133 Wa
Trypanosoma cruzi, in vitro transformation of pre- and epimastigotes into metacyclic forms, patent relation between acidification of medium and number of metacyclic forms
- Culture, Protozoa
Peng PIM; Wallace FG
1981 J Protozool 28 (1) Feb 116-118 Issued June 18 Wa
Blastocystis triatomae triatomae, cultivation
- Culture, Protozoa
Pipano E
1979 J South African Vet Ass 50 (4) Dec 332-333 Wa
Theileria annulata, in vitro cultivation of schizonts, use as cattle vaccine, some aspects of virulence and immunogenicity
- Culture, Protozoa
Ponnudurai T; Leeuwenberg ADEM; Meuwissen JHET
1981 Trop and Geogr Med 33 (1) Mar 50-54 Wa
Plasmodium falciparum adapted to in vitro culture, using differences in chloroquine sensitivity of isolates as a strain marker was not successful
- Culture, Protozoa
Rai GP et al
1980 Indian J Exper Biol 18 (1) Jan 84-85 Wa
Entamoeba histolytica, lysosomal enzymes in axenically grown strain NIH-200 passaged through cholesterol
- Culture, Protozoa
Ray R; Ghose AC
1980 Indian J Med Research 71 Feb 203-206 Wa
Leishmania donovani, cultivation in high yielding liquid medium
- Culture, Protozoa
Reese RF; Langreth SG; Trager W
1979 Bull World Health Organ 57 suppl 1 53-61 Wa
Plasmodium falciparum, isolation of specific stages from culture and from animal blood
- Culture, Protozoa
Reeves RE; West B
1980 Exper Parasitol 49 (1) Feb 78-82 Wa
Entamoeba histolytica, nucleic acid precursors affecting axenic growth
- Culture, Protozoa
Rieckmann KH
1980 Trop Dis Research Ser (3) 35-50 Wm
Plasmodium falciparum, use of cultured parasites to assess drug resistance/susceptibility and screen antimalarial drugs, workshop presentation
- Culture, Protozoa
Roitman I
1980 Trop Dis Research Ser (3) 247-248 Wm
Trypanosoma cruzi, nutritional requirements in vitro, workshop presentation
- Culture, Protozoa
Rosario V
1981 Science (4498) 212 May 29 1037-1038 Wa
Plasmodium falciparum, cultured isolate characterized by 2 electrophoretic forms of glucose phosphate isomerase, establishment of clones characterized by only single enzyme forms
- Culture, Protozoa
Rugal E et al
1979 Rev Inst Adolfo Lutz 39 (1) June 1-3 Wa
Trypanosoma cruzi, in vitro technique for preparing methylic antigen for complement fixation test
- Culture, Protozoa
Sandersom CJ; Thomas JA; Twomey CE
1980 Parasitology 80 (1) Feb 153-162 Wa
Trypanosoma cruzi, growth in human diploid cell lines for production of trypomastigotes, labelled trypomastigotes obtained by incorporating [³H]uridine in culture medium, release of label provides assay for parasite death, applications of this assay for testing drug toxicity and in immunological lysis
- Culture, Protozoa
Sax LJ; Rieckmann KH
1980 J Parasitol 66 (4) Aug 621-624 Wa
Plasmodium falciparum, use of rabbit serum in cultivation
- Culture, Protozoa
Schmatz DM; Murray PK
1981 J Parasitol 67 (4) Aug 517-521 Wa
Trypanosoma cruzi, single-step anion-exchange procedure for purification of trypomastigotes and amastigotes from supernatant fluid of infected muscle cell cultures

- Culture, Protozoa
Schneider I
1979 Pract Tissue Culture Applic 373-386 Wa
tsetse fly tissue culture and its application
to propagation of African trypanosomes in
vitro, review
- Culture, Protozoa
Scientific Working Group on the Immunology of
Malaria
1981 Bull World Health Organ 59 (3) 371-381 Wa
Plasmodium spp., antigenic structure and re-
lated aspects of biology (production of mono-
clonal antibodies, cultivation techniques,
antigen production for vaccine development and
immunodiagnosis), review of current situation
- Culture, Protozoa
Scott-Finnigan TJ; Wilson RJM; Williamson J
1981 Tr Roy Soc Trop Med and Hyg 75 (2) 292-298
Wa
Plasmodium falciparum, compact inexpensive
semi-automated continuous cultivation system
- Culture, Protozoa
Segura EL et al
1980 Medicina Buenos Aires 40 Suppl (1) 97-102
Wm
Trypanosoma cruzi, characteristics of infec-
tivity of 3 populations obtained from cultures
- Culture, Protozoa
Segura EL et al
1980 Medicina Buenos Aires 40 Suppl (1) 256-257
Wm
Trypanosoma cruzi, cultured forms, variation
in infective capacity
- Culture, Protozoa
Semprevivo LH; Yusuf JN; Honigberg BM
1981 Ztschr Parasitenk 65 (1) 43-51 Wa
Leishmania donovani, 2 substrains, changes in
growth rates of promastigotes and amastigotes
as well as in infectivity of promastigotes
during course of cultivation, animal passages,
and heat adaptation
- Culture, Protozoa
Shapiro A et al
1980 Trop Dis Research Ser (3) 401-415 Wm
Crithidia fasciculata culture media as guide to
antitrypanosomatid chemotherapy aimed at
porphyrin and transitional-metal metabolism,
workshop presentation
- Culture, Protozoa
Sharma P; Singh K; Dutta GP
1978 Indian J Med Research 67 Mar 374-380 Wa
Entamoeba histolytica, growth patterns in ax-
enic culture using different sera; antisera
produced in rabbits analyzed for gel-diffusion
precipitin bands, haemagglutinins, and
growth inhibitory activity against trophozo-
ites
- Culture, Protozoa
Shaw JJ; Lainson R
1981 Tr Roy Soc Trop Med and Hyg 75 (1) 127 Wa
Leishmania braziliensis complex, in vitro
cultivation, comparison of different media and
different types of overlay, NNN medium as
formulated by Walton et al. 1977 remains
medium of choice for diagnosis of
leishmaniasis by in vitro cultivation
technique
- Culture, Protozoa
Shirley MW; McDonald V; Ballingall S
1981 Parasitology 83 (2) Oct 259-267 Wa
Eimeria, 5 spp. from chicken, development from
merozoites to oocysts in embryonated chicken
eggs
- Culture, Protozoa
Siddiqui WA
1979 Pract Tissue Culture Applic 267-277 Wa
Plasmodium falciparum, continuous in vitro
cultivation in human erythrocytes, description
of simple technique to obtain high yields of
parasites
- Culture, Protozoa
Siddiqui WA
1979 Pract Tissue Culture Applic 279-285 Wa
Plasmodium vivax, P. malariae, in vitro culti-
vation, review
- Culture, Protozoa
Siddiqui WA
1980 Trop Dis Research Ser (3) 91-100 Wm
Plasmodium falciparum, continuous in vitro
cultivation, simple technique to achieve high
yields, use of commercially available calf
serum, workshop presentation
- Culture, Protozoa
Siddiqui WA
1981 Indian J Med Research 73 Suppl Jan 19-22
Wa
Plasmodium falciparum, continuous in vitro
cultivation, replacement of human serum by
commercially available calf serum supplemented
with proteose peptone
- Culture, Protozoa
Siddiqui WA et al
1979 Bull World Health Organ 57 suppl 1 75-82
Wa
Plasmodium falciparum, in vitro production and
partial purification of antigen (merozoite-
enriched segmenter stage)
- Culture, Protozoa
Simpson L et al
1980 Am J Trop Med and Hyg 29 (5 pt 2)
Sept 1053-1063 Wa
Leishmania tarentolae, Trypanosoma brucei,
kinetoplast DNA and RNA; in vitro culture
system for study of genetic function of kine-
toplast DNA during active period of
mitochondrial biogenesis that occurs in life
cycle of T. brucei
- Culture, Protozoa
Sinden RE; Smith J
1980 Tr Roy Soc Trop Med and Hyg 74 (1) 134-136
Wa
Plasmodium berghei, culture of liver stages
(exoerythrocytic schizonts) from sporozoites
in vitro
- Culture, Protozoa
Skotarczak B
1980 Folia Biol Warszawa 28 (1) 63-67 Wa
Balantidium coli, distribution and activity of
acid phosphatase, alkaline phosphatase, and
glucose-6-phosphatase in trophozoites taken
from cultures of different ages

- Culture, Protozoa
Skotarczak B
1980 Folia Biol Warszawa 28 (2) 171-175 Wa
Balantidium coli, activity of oxydoreductive enzymes in trophozoites taken from cultures of different ages
- Culture, Protozoa
Smith H
1980 Trop Dis Research Ser (3) 419-438 Wm
effect of environmental conditions in vivo and in vitro on surface virulence determinants of microbial parasites, workshop presentation
- Culture, Protozoa
Smith RF; Horen P
1980 Sex Transm Dis 7 (4) Oct-Dec 172-174 Wm
Trichomonas vaginalis, culture, associative growth of fungi, for routine clinical isolation of parasite the use of antifungal agent in the medium is not necessary
- Culture, Protozoa
Soldo AT; Brickson SA
1980 J Protozool 27 (3) Aug 328-331 Issued Oct 9 Wa
simple method for plating and cloning ciliates and other Protozoa
- Culture, Protozoa
Spoonner RL; Brown CGD
1980 Parasite Immunol 2 (3) Autumn 163-174 Wa
Theileria parva, T. annulata, bovine lymphocyte antigens of bovine lymphocytes and derived lymphoblastoid lines transformed by parasites, implications of results as they relate to use of these cell lines in immunizing cattle
- Culture, Protozoa
Steiger RF; Black CDV
1980 Acta Trop 37 (2) June 195-198 Wa
Leishmania donovani, simplified defined media for cultivating promastigotes
- Culture, Protozoa
Streett DA; Ralph D; Hink WF
1980 J Protozool 27 (1) Feb 113-117 Issued Apr 28 Wa
Nosema algerae (potential biological control agent), replication in 3 insect cell lines
- Culture, Protozoa
Stuart K
1980 J Parasitol 66 (6) Dec 1060-1061 Issued May 6 1981 Wa
Trypanosoma brucei, cultivation of dyskinetoplastic mutant stock
- Culture, Protozoa
Tanabe K; Kimata I; Takada S
1980 J Parasitol 66 (2) Apr 240-244 Wa
Toxoplasma gondii, penetration of chick embryo erythrocytes by tachyzoites in simplified incubation media
- Culture, Protozoa
Tanner M
1980 Acta Trop 37 (3) Sept 203-220 Wa
Trypanosoma brucei, analysis of conditions which enable continuous growth as bloodstream-like forms in vitro
- Culture, Protozoa
Tanner M; Brun R; Jenni L
1980 Trop Dis Research Ser (3) 211-212 Wm
Trypanosoma brucei strain 427, pyruvate as factor supporting survival of bloodstream forms in vitro, workshop presentation
- Culture, Protozoa
Tanuri A; de Andrade PP; de Almeida DF
1981 J Protozool 28 (3) Aug 360-362 Wa
trypanosomatids, simple highly efficient plating method illustrated by successful cloning of Herpetomonas samuelpessoai and Crithidia deanei
- Culture, Protozoa
Timms P
1980 Research Vet Sc 29 (1) July 102-104 Wa
Babesia spp., short term cultivation and multiplication in host red blood cells, method based on Trager and Jensen candle jar technique
- Culture, Protozoa
Trager W
1979 Bull World Health Organ 57 suppl 1 85-86 Wa
Plasmodium falciparum, recent developments in relatively large-scale cultivation
- Culture, Protozoa
Trager W
1980 Trop Dis Research Ser (3) 3-13 Wm
Plasmodium falciparum, continuous cultivation of erythrocytic stages, workshop presentation
- Culture, Protozoa
Trager W et al
1981 Proc National Acad Sc 78 (10) Biol Sc Oct 6527-6530 Wa
Plasmodium falciparum, establishment of clones by method based on microscopic selection, characterization with regard to knobs, chloroquine sensitivity, and formation of gametocytes
- Culture, Protozoa
Urquhart C
1981 Parasitology 82 (2) Apr 175-187 Wa
Eimeria tenella, morphological, adhesive, and agglutination alterations in cultured chick kidney cells following parasitization
- Culture, Protozoa
Urquhart C
1981 Parasitology 82 (2) Apr 189-194 Wa
Eimeria tenella-parasitized chicken kidney cells, altered pattern of DNA synthesis, increase in thymidine uptake, evidence for diffusible mediating substance
- Culture, Protozoa
Vasil'ev MM et al
1980 Vestnik Dermat i Venerol (6) June 31-34 Wm
Trichomonas vaginalis, culture, new dry nutrient medium made of nonfood stock
- Culture, Protozoa
Vasil'ev MM; Bednova VN
1980 Vestnik Dermat i Venerol (7) July 32-34 Wm
Trichomonas vaginalis in culture, orotic acid, hypoxanthine, and arginine hydrochloride enhanced multiplication of parasite
- Culture, Protozoa
Visvesvara GS
1980 Tr Roy Soc Trop Med and Hyg 74 (2) 213-215 Wa
Giardia lamblia, axenic growth in Diamond's TPS-1 medium
- Culture, Protozoa
Weik RR; Reeves RE
1980 Am J Trop Med and Hyg 29 (6) Nov 1201-1204 Wa
Entamoeba histolytica, niacin requirement for cultivation of axenic amebae

Culture, Protozoa

Weik SMK; Weik RR; John DT
1980 Proc Helminth Soc Washington 47 (2) July
270-272 Issued Aug 25 Wa
Naegleria fowleri, N. gruberi, effect of
inoculum size and pH on growth in vitro

Culture, Protozoa

Wickham JM; Dennis ED; Mitchell GH
1980 Tr Roy Soc Trop Med and Hyg 74 (6) 789-792
Wa
Plasmodium knowlesi, long term cultivation in
semi-automated apparatus

Culture, Protozoa

Wilson A; Ackers JP
1980 Brit J Vener Dis 56 (1) Feb 46-48 Wm
Trichomonas vaginalis, men, diagnosis using
urine culture, not deemed worth routine use

Culture, Protozoa

Wynne de Martini GJ et al
1980 Medicina Buenos Aires 40 Suppl (1) 109-114
Wm
Trypanosoma cruzi, culture in monophasic
medium, application to large-scale cultures in
fermentation processes

Culture, Tissue

Holman FJ
1981 J Med Entom 18 (1) Feb 20 84-88 Wa
Boophilus microplus, newly developed cell
strain (VIII-SCC) of uniform morphology and
karyotype and significantly shorter doubling
time, partial characterization; could lend
itself to in vitro propagation of Anaplasma
and Babesia

Culture, Tissue

Holman PJ; Ronald NC
1980 Research Vet Sc 29 (3) Nov 383-387 Wa
Boophilus microplus, development of IX tick
cell line from primary embryonic cell culture

Culture, Tissue

Howell MJ
1981 Internat J Parasitol 11 (3) June 235-242
Wa
Fasciola hepatica, formation of hybrid cells
between liver fluke cells and rat fibroblast
cell line, hypoxanthine-guanine phosphoribosyl
transferase activity in hybrids was of F. he-
patica rather than rat origin, possible ap-
proach to production of helminth antigens in
vitro

Culture, Tissue

Kurtti TJ; Buescher G
1979 Pract Tissue Culture Applic 351-371 Wa
ticks, cell culture, review with appendix on
initiation of cell lines from embryos of Rhip-
icephalus appendiculatus

Culture, Tissue

Rahman MH
1981 Ann Trop Med and Parasitol 75 (5) Oct 573-
574 Wm
Hyalomma rufipes rufipes, culture of embryonic
cells

Culture, Tissue

Schlafer DH
1980 J Parasitol 66 (2) Apr 255-257 Wa
Trypanosoma theileri in direct tissue cultures
prepared from naturally infected cattle

Culture, Tissue

Schneider I
1979 Pract Tissue Culture Applic 373-386 Wa
tsetse fly tissue culture and its application
to propagation of African trypanosomes in
vitro, review

Culture, Trematoda

Basch PF
1980 Trop Dis Research Ser (3) 359-360 Wm
Schistosoma mansoni, in vitro cultivation,
workshop presentation

Culture, Trematoda

Basch PF
1981 J Parasitol 67 (2) Apr 179-185 Wa
Schistosoma mansoni, in vitro cultivation, es-
tablishment of cultures from cercariae, devel-
opment until pairing

Culture, Trematoda

Basch PF
1981 J Parasitol 67 (2) Apr 186-190 Wa
Schistosoma mansoni, in vitro cultivation, pro-
duction of infertile eggs by worm pairs cultur-
ed from cercariae

Culture, Trematoda

Basch PF; Humbert R
1981 J Parasitol 67 (2) Apr 191-195 Wa
Schistosoma mansoni, in vitro cultivation, im-
plantation of cultured worms into mouse mesen-
teric veins to assess potential for full devel-
opment and oviposition

Culture, Trematoda

Benex J; Jacobelli G
1981 Ann Parasitol 56 (1) 57-61 Wa
Schistosoma mansoni miracidia, survival and
development in vitro

Culture, Trematoda

Butterworth AE; Vadas MA
1979 Pract Tissue Culture Applic 287-307 Wa
Schistosoma mansoni, in vitro culture, appli-
cations in immunological studies, review

Culture, Trematoda

Davies C
1980 Internat J Parasitol 10 (3) June 217-226
Wa
Microphallus similis, ultrastructure of in
vitro cultured adults, comparison with meta-
cercariae and in vivo grown adults

Culture, Trematoda

Fried B; Barber LW; Butler MS
1978 Proc Helminth Soc Washington 45 (2) July
162-166 Issued Aug 30 Wa
Cotylurus strigeoides, growth and development
in domestic chicks (fed isolated cysts vs. in-
fected whole Physa heterostropha), on chorio-
allantoic membranes of chick embryos, and in
vitro; infectivity to chicks

Culture, Trematoda

Fried B; Butler CS
1979 Rev Iber Parasitol 39 (1-4) Jan-Dec 395-400
Wa
Fasciola hepatica metacercariae, chemical ex-
cystation, development on chorioallantoic mem-
brane, histochemical and thin layer chromato-
graphic analyses of neutral lipids

- Culture, Trematoda
Fried B; Fine RH; Felter BL
1980 Parasitology 81 (1) Aug 41-45 Wa
Leucochloridiomorpha constantiae, growth, development, and pairing of metacercariae on chorio-allantois of chick embryos cultivated in vitro vs. worms grown in bursa of Fabricius of domestic chicks
- Culture, Trematoda
Fried B; Heyer BL; Pinski AK
1981 J Parasitol 67 (1) Feb 50-52 Wa
Amblosoma suwaense, cultivation in chick embryos from free metacercaria to ovigerous adult, development, growth
- Culture, Trematoda
Fried B; Holmes ML
1979 Proc Helminth Soc Washington 46 (1) Jan 70-73 Issued Mar 14 Wa
Leucochloridiomorpha constantiae metacercariae, development on chick chorioallantoic membranes (CAM) and in chick embryos, worms grown singly were capable of self-fertilization, acetabular attachment to CAM is similar to attachment seen in chick bursa of Fabricius
- Culture, Trematoda
Gupta V; Agarwal SK
1979 Indian J Helminth 29 (1-2) Mar-Sept 1977 93-103 Issued Feb 28 Wa
Gastrothylax crumenifer, in vitro survival in 5 basic salt solutions and in presence of simple carbohydrates, effect of pH, absorption of carbohydrates through cuticle under aerobic conditions
- Culture, Trematoda
Hansen EL; Hansen JW
1980 Trop Dis Research Ser (3) 325-358 Wm
Schistosoma mansoni, S. japonicum, S. haematobium, present status of in vitro culture, limitations, improvements, applications to control, workshop presentation
- Culture, Trematoda
Howell MJ
1981 Internat J Parasitol 11 (3) June 235-242 Wa
Fasciola hepatica, formation of hybrid cells between liver fluke cells and rat fibroblast cell line, hypoxanthine-guanine phosphoribosyl transferase activity in hybrids was of F. hepatica rather than rat origin, possible approach to production of helminth antigens in vitro
- Culture, Trematoda
Michalick MSM; Gazzinelli G; Pellegrino J
1979 Rev Inst Med Trop S Paulo 21 (3) May-June 115-118 Wm
Schistosoma mansoni, cercarial bodies cultured to a stage of development at which worms are almost sexually mature, possible advantages for use in culture studies
- Culture, Trematoda
Rotmans JP et al
1981 Exper Parasitol 52 (2) Oct 171-182 Wa
Schistosoma mansoni, excretory and secretory antigens obtained by in vitro cultivation, characterization by immunoelectrophoresis
- Culture, Trematoda
Samuelson JC; Caulfield JP; David JR
1980 Exper Parasitol 50 (3) Dec 369-383 Wa
Schistosoma mansoni schistosomula grown in vitro and in mice, post-transformational changes: gross surface changes (including calculations of length, width, volume, and surface area), changes in specialized surface structures, changes in internal structures, limits of culture conditions
- Culture, Trematoda
Schnier MS; Fried B
1980 Internat J Parasitol 10 (5-6) Nov-Dec 391-395 Wa
Amblosoma suwaense, in vitro cultivation from metacercaria to ovigerous adult
- Culture, Trematoda
Smyth JD
1979 Symposia Brit Soc Parasitol 17 75-101 Wa
possible application of in vitro culture techniques to (a) identification of trematode metacercariae, (b) identification of taeniid eggs, and (c) determination of strain differences in Echinococcus spp.
- Culture, Trematoda
Yasuraoka K; Irie Y; Hata H
1978 Japan J Exper Med 48 (1) Feb 53-60 Wa
Schistosoma japonicum, S. mansoni, cercariae, transformation to schistosomula in serum-supplemented media, and subsequent culture in vitro
- Cuticle [See also Integument; Parasite surfaces; Tegument]
- Cuticle
Anderson WR; Madden PA; Colglazier ML
1978 Proc Helminth Soc Washington 45 (2) July 219-225 Issued Aug 30 Wa
Strongylus edentatus from horses, 4 types of cuticular lesions (filamentous, flat, cratered, proliferate), associated microbial flora, electron microscopy
- Cuticle
Aoki Y; et al
1980 J Parasitol 66 (3) June 449-457 Wa
Brugia pahangi, development of surface features from 3rd stage to adult worm, scanning electron microscopy
- Cuticle
Balashov IuS
1979 Entom Obozr 58 (3) 660-662 Wa
13 species of Argasidae nymphs and adults, ultrastructure of cuticle surface and chaetom of idiosoma, scanning electron microscopy
- Cuticle
Brown SJ; Knapp FW
1980 Exper Parasitol 49 (2) Apr 188-205 Wa
Amblyomma americanum, sequential histopathological changes at larval and nymphal feeding sites on guinea pigs, tick length and cuticular thickness
- Cuticle
Cherian PV et al
1980 Internat J Parasitol 10 (3) June 227-233 Wa
Dirofilaria immitis microfilariae, fine structure and cytochemical evidence for presence of polysaccharide surface coat

Cuticle

Cutler B

1980 *Experientia* 36 (8) Aug 15 953 Wa
arthropod cuticle, synapomorphic features cited as evidence for monophyletic origin of current arthropod classes

Cuticle

Donahue MJ et al

1981 *J Parasitol* 67 (3) June 362-367 Wa
Ascaris suum, activity of enzymes regulating glycogen metabolism in perfused muscle-cuticle sections, new perfusion system should be useful in future studies

Cuticle

Emmens RL

1981 *J Chem Ecol* 7 (3) May 529-541 Wa
Lucilia cuprina, evidence for attractant in cuticular lipids of female flies, may play role in group oviposition behavior exhibited by this species

Cuticle

Forsyth KP et al

1981 *Acta Trop* 38 (3) Sept 329-342 Wa
Onchocerca gibsoni, identification of radioiodinated cuticular proteins and antigens of microfilariae

Cuticle

Franz M

1980 *Tropenmed u Parasitol* 31 (2) June 149-164 Wa

Onchocerca volvulus males and females, cuticular morphology, scanning and transmission electron microscopy, variation of papillae at posterior end of male, no geographic differences in morphology could be proven: Liberia; Upper Volta; Tanzania; Guatemala

Cuticle

Franz M; Zielke E

1980 *Tropenmed u Parasitol* 31 (3) Sept 345-356 Wa

Wuchereria bancrofti, microfilariae from Liberian man, 1st-, 2nd-, and 3rd-stage larvae from vector, and 4th-stage larvae from experimental rodent hosts, surface structures, scanning electron microscopy

Cuticle

Fredericksen DW; Specian RD

1981 *J Parasitol* 67 (5) Oct 647-655 Wa
Anisakis sp., *Phocanema* sp., *Thynnascaris* sp., value of cuticular fine structure in identification of juvenile anisakine nematodes, ultrastructural details of 3rd stage juvenile of *Ascaris lumbricoides* included for comparison

Cuticle

Fujimoto D; Horiuchi K; Hirama M

1981 *Biochem and Biophys Research Commun* 99 (2) Mar 31 637-643 Wa
Ascaris lumbricoides, isolation and characterization of new crosslinking amino acid (isotriptyrosine) from cuticle collagen

Cuticle

Gotto RV; Threadgold LT

1980 *J Zool London* 190 (3) Mar 337-363 Wa
Notopterophorus papilio from *Ascidia mentula*, alate processes ('wings'), light and scanning and transmission electron microscopy, speculations on function: northern Ireland

Cuticle

Howells RE; Chen SN

1981 *Exper Parasitol* 51 (1) Feb 42-58 Wa
Brugia pahangi, transcuticular uptake of D-glucose, L-leucine, and adenosine in vitro, no evidence for oral ingestion of materials in vitro but oral uptake of Trypan blue demonstrated in vivo, ultrastructure and cytochemical staining reactions for enzymes of gut and body wall

Cuticle

Kim CW; Ledbetter MC

1980 *J Parasitol* 66 (1) Feb 75-81 Wa
Trichinella spiralis larvae and adults, surface morphology by scanning electron microscopy

Cuticle

Mackenzie CD et al

1980 *European J Immunol* 10 (8) Aug 594-601 Wm
Trichinella spiralis, *Nippostrongylus brasiliensis*, various stages in life cycle, activation of complement and induction of antibodies by cuticle, effects of eosinophils, macrophages, neutrophils, and mast cells on viability of these nematodes following cellular attachment to cuticle via antibodies and/or C

Cuticle

Mackley JW; Carlson DA; Butler JF

1981 *J Chem Ecol* 7 (4) July 669-683 Wa
Haematobia irritans, identification of cuticular hydrocarbons, assays for biological activity as attractants

Cuticle

Philipp M et al

1981 *J Exper Med* 154 (1) July 1 210-215 Wa
Trichinella spiralis, rats, primary serum antibody response to stage-specific surface antigens, these antigens could be targets for stage-specific antibody-dependent eosinophil-mediated destruction of this parasite

Cuticle

Philipp M; Parkhouse RME; Ogilvie BM

1980 *Nature London* (5782) 287 Oct 9 538-540 Wa
Trichinella spiralis, surface of cuticle expresses protein molecules which change qualitatively following moulting and quantitatively during growth within one stage, surface proteins are released in vitro at rate which depends on conditions of culture (including presence of immune serum)

Cuticle

Poinar GO jr; Hess R; Doucet M

1981 *Rev Nematol* 4 (1) 35-40 Wa
parasitic juvenile mermithids (*Empidomermis riouxi* and undetermined species from *Porcellio scaber*), cuticle and hypodermis, intestine, ultrastructure, surface modifications of hypodermal and trophosome cells, possible implications for mode of uptake of nutrients

Cuticle

Saxena A

1979 *J Animal Morph and Physiol* 26 (1-2) June-Dec 325-327 Issued Oct Wa
Aspiculuris pakistanica, cuticle, morphology

Cuticle

Sharpe MJ; Lee DL

1981 *Parasitology* 83 (2) Oct 411-424 Wa
Nippostrongylus brasiliensis, hemoglobin from whole worm and from cuticle, structure and function, comparative work on *Nematospiroides dubius* (which also contains hemoglobin but not in its cuticle)

Cuticle

Slifer EH; Sekhon SS
1980 J Morphol 164 (2) May 161-166 Wa
Pediculus humanus, sense organs on antennal flagellum, scanning and transmission electron microscopy

Cuticle

Tenora F et al
1981 Vestnik Ceskoslov Spolec Zool 45 (2) June 157-160 pls inside back cover Wa
Thominx aerophilus, ultrastructure of head, bacillary bands, spicule sheath, and egg shell surface

Cuticle

Tongu Y
1974 Acta Med Okayama 28 (3) June 219-242 Wm
Brugia malayi, microfilariae, fine structure of sheath, cuticle, muscle cells, excretory apparatus

Cuticle

Wagner G; Seitz KA
1980 Zool Jahrb Jena Abt Anat 103 (1) 62-72 Wa
Rhabditis strongyloides, external morphology, scanning electron microscopy

Cuticle

Weiss N; Tanner M
1981 Tr Roy Soc Trop Med and Hyg 75 (1) 179-181 Wa
Dipetalonema viteae, immunogenicity of surface of different larval stages, host differences, stage-specificity

Cuticle

Wright KA
1979 Proc Helminth Soc Washington 46 (2) July 213-223 Issued Aug 14 Wa
Rhigonema infecta in Narceus annularis (ileum), associated with fungus Enterobryus elegans, attachment of fungus holdfast to millipede and nematode cuticles, scanning and transmission electron microscopy; fungus only rarely found on Johnstonia sp. and Aorurus sp. in N. annularis (posterior hindgut); extensive bacterial flora present: Georgian Bay, Ontario

Cysts

Ali-Khan Z; Siboo R
1980 Ztschr Parasitenk 62 (3) 241-254 Wa
Echinococcus multilocularis, growth of subcutaneous alveolar hydatid cyst in mice, histiogenesis, semiquantitative analysis of inflammatory infiltrates and their relationship to cysts and brood capsules in early and chronic infections

Cysts

Abe Y
[1981] J Protozool 27 (4) Nov 1980 372-374 Issued Mar 11 Wa
Leptomonas sp. (parasite of Bombyx mori), multiplication by binary fission, process of encystment

Cysts

Albaret JL et al
1980 Ann Parasitol 55 (5) Sept-Oct 541-552 Wa
Fasciola gigantica, Senegalese strain, ciliated cells and argentophilic structures of miracidium, emission and chaetotaxy of cercaria, ability of cercariae to encyst on surface of water, epidemiological implications

Cysts

Arroyo-Begovich A; Carabez-Trejo A; Ruiz-Herrera J
1980 J Parasitol 66 (5) Oct 735-741 Wa
Entamoeba invadens, cyst wall, isolation and purification, demonstration of microfibrillar component and its identification as chitin

Cysts

Carney WP
1970 Tr Am Micr Soc 89 (2) Apr 233-250 Issued Aug 19 Wa
Brachylecithum mosquensis, natural and experimental infections in avian, molluscan, and insect hosts, laboratory life cycle and development, in vitro egg hatching and metacercariae excystment, description of egg and larval stages, host specificity, foci of transmission: Missoula vicinity, Montana

Cysts

Carosi G et al
[1980] Riv Parasitol Roma 39 (2-3) 1978 49-62 Issued Jan Wa
Acanthamoeba castellanii, A. rhyodes, A. polyphaga, analysis of cystic forms, possible use in differential diagnosis of strains isolated from environment or from human infections, electron microscopy

Cysts

Colwell DD; Mahrt JL
1981 Ztschr Parasitenk 65 (3) 317-329 Wa
Sarcocystis from Alces alces (musculature), morphological comparison of 2 distinct types of cysts and their respective merozoites, electron microscopy: Alberta, Canada
"appears that two hitherto undescribed species of Sarcocystis are present in moose"

Cysts

Das SR et al
1978 Indian J Exper Biol 18 (4) Apr 333-336 Wa
Entamoeba invadens, axenic encystation, apparent correlation between encystation and cellulose biosynthesis, inhibition of morphological differentiation and glucose incorporation by cycloheximide

Cysts

De Meuter F; Fameree L; Cotteleer C
1978 Ann Soc Belge Med Trop 58 (2) June 95-102 Wa
Toxoplasma gondii, strains virulent to mice differ in their capacity to infect pigs (exper.) and cause development of cysts in these pigs

Cysts

D-Miailhe AC; Viens P
1980 IRCS J Med Sc 8 (6) June 365 Wa
Toxoplasma gondii in T cell-deprived mice (exper.), relationship between antibody levels (measured by indirect immunofluorescent antibody technique) and brain cyst production, concluded that parasite encystment is under control of immune response

Cysts

Doran DJ
1980 Proc Helminth Soc Washington 47 (1) Jan 114-117 Issued Feb 15 Wa
Eimeria dispersa and E. meleagridis, rates and quantities of sporozoite excystation in chickens vs. turkeys (crop, proventriculus, gizzard, intestine, and droppings of all) (all exper.)

Cysts

Duszynski DW et al
1981 Ztschr Parasitenk 65 (2) 131-136 Wa
Eimeria procyonis from *Procyon lotor*, fine structure of oocyst wall, excystation of sporozoites observed by light microscopy

Cysts

Fried B; Butler CS
1979 Rev Iber Parasitol 39 (1-4) Jan-Dec 395-400 Wa
Fasciola hepatica metacercariae, chemical excystation, development on chorioallantoic membrane, histochemical and thin layer chromatographic analyses of neutral lipids

Cysts

Gharbi HA et al
1981 Radiology 139 (2) May 459-463 Wm
Echinococcus granulosus, human, ultrasonic diagnosis of hepatic cysts, classification of cysts into 5 evolutionary stages based on echographic patterns

Cysts

Grant DR; Woo PTK
1979 Canad J Zool 57 (2) Feb 307-313 Wa
Giardia spp., naturally and experimentally-infected small mammals, longevity of infection, cyst production: southern Ontario

Cysts

Hanrahan SA
1979 Proc Electron Microsc Soc South Africa 9 105-106 Wa
Malameba locustae, hatching of cysts, electron microscopy

Cysts

Heydorn AO
1980 Berl u Munchen Tierarztl Wchnschr 93 (14) July 15 267-270 Wa
Sarcocystis bovicanis sporocysts, effect of various physical factors on excystation and viability of excysted sporozoites in vitro, subsequent infectivity to calves

Cysts

Higgins JC
1980 Parasitology 81 (1) Aug 47-59 Wa
Bucephalus haimeanus, attachment and penetration of cercariae, metamorphosis from cercarial to metacercarial stage, formation of cyst wall and related changes in tegument, structural and histochemical observations

Cysts

Hofer DP; Johnson AD
1970 Tr Am Micr Soc 89 (2) Apr 254-259 Issued Aug 19 Wa
Alaria mustelae, *A. marcianae*, and *A. arisaemoides* from *Rana pipiens*, chemical nature and composition of mesocercarial encapsulation: purchased from commercial source in Wisconsin

Cysts

Jarroll EL; Bingham AK; Meyer EA
1981 Applied and Environment Microbiol 41 (2) Feb 483-487 Wa
Giardia lamblia, effect of chlorine on cyst viability under variety of conditions of temperature, pH, chlorine-cyst contact time, and chlorine concentration, epidemiological implications

Cysts

Johnston BR; Halton DW
1981 Ztschr Parasitenk 65 (1) 71-78 Wa
Bucephaloides gracilescens, metacercaria, excystation in vitro

Cysts

Kasprzak W; Mazur T; Matylla W
1980 Bull Inst Maritime and Trop Med Gdynia 31 (3-4) 239-249 Wm
Giardia spp., survival of cysts in feces and in water, at various temperatures and when exposed to air drying, resistance to various chemicals and disinfectants, performance compared with that of free-living *Acanthamoeba* sp., applications to control waterborne infections

Cysts

Kazakauskaite IaS
1980 Tsitologia 22 (10) 1170-1175 Wa
Sarcocystis ovifelis, division processes in cysts, electron microscopic investigation

Cysts

Kazakauskaite IaS; Sidorenko NV
1980 Tsitologia 22 (10) Oct 1163-1169 Wa
Sarcocystis ovifelis, cysts, ultrastructure, 3 morphologically different cell types distinguished (merozoites, merozoites, interstitial cells)

Cysts

Kirschner K; Bacha WJ jr
1980 J Parasitol 66 (2) Apr 263-267 Wa
Himastha quisquetensis, excystation of metacercariae in vitro

Cysts

Luchtel DL; Lawrence WP; DeWalle FB
1980 Applied and Environment Microbiol 40 (4) Oct 821-832 Wa
Giardia lamblia cysts, scanning and transmission electron microscopy, flexibility of cyst wall results in experimental difficulties with membrane filtration of cysts in aqueous suspension, findings point to potential difficulties in removing cysts from water with present water treatment technology

Cysts

Mattern CFT; Daniel WA
[1981] J Protozool 27 (4) Nov 1980 435-439 Issued Mar 11 Wa
Tritrichomonas muris, pseudocysts, ultrastructure, excretion in feces of hamster mothers, probable role in infection of newborn hamsters

Cysts

Mehlhorn H et al
1979 Tropenmed u Parasitol 30 (3) Sept 289-300 Wa
Blastocrithidia triatomae, developmental stages in *Triatoma infestans*, electron microscopy, differentiation from *Trypanosoma cruzi*, 3 main forms of parasite as well as cyst-like bodies observed

Cysts

Mehlhorn H; Frenkel JK
1980 J Parasitol 66 (1) Feb 59-67 Wa
Toxoplasma gondii, *Sarcocystis muris*, *Hammondia hammondi*, ultrastructural comparison of cysts and zoites in skeletal muscle of mice

- Cysts
Molyneux DH; Croft SL
1980 Ztschr Parasitenk 63 (3) 233-239 Wa
Leptomonas spp. of Siphonaptera, ultrastructure of candidate 'cysts'
- Cysts
Rice EW; Hoff JC
1981 Applied and Environment Microbiol 41 (3) Sept 546-547 Wa
Giardia lamblia cysts found to be resistant to high doses of germicidal ultraviolet radiation, findings suggest that ultraviolet irradiation at conventional doses is not viable alternative method of water disinfection in areas where G. lamblia may be present
- Cysts
Saanen CV
1980 Ann Parasitol 55 (6) Nov-Dec 645-657 Wa
Naegleria, Acanthamoeba, external morphology of cysts, scanning electron microscopy
- Cysts
Sadek IA
1980 J Protozool 27 (3) Aug 313-315 Issued Oct 9 Wa
Nyctotheroides puytoraci, cyst formation induced by injecting host (Bufo regularis) with 20-methylcholanthrene, inhibition of this induced encystment by vitamin A palmitate
- Cysts
Schaub GA; Pretsch M
1981 Tr Roy Soc Trop Med and Hyg 75 (1) 168-171 Wa
Blastocystidia triatomae, excystment, ultrastructural studies
- Cysts
Stahr BJ; Walzer PD; Yoneda K
1981 J Parasitol 67 (2) Apr 196-203 Wa
Pneumocystis carinii, effects of trypsin vs. pronase on morphology and antigenic properties of cyst form, light and transmission electron microscopy, immunofluorescence, data suggest that antigenic determinants of cysts reside in cell walls
- Cysts
Tang Z et al
1980 Tung Wu Hsueh Pao (Acta Zool Sinica) 26 (3) Sept 232-242 Wa
Philophthalmus gralli, incidence in domestic fowl, life cycle study, encystation behavior of cercaria, observations on excretory system of metacercaria, mode of infection, route of migration of worm: Fujian, China
- Cysts
Tielens AGM; Van der Meer P; Van den Bergh SG
1981 Exper Parasitol 51 (1) Feb 8-12 Wa
Fasciola hepatica, simple large-scale in vitro excystment of metacercariae and subsequent isolation of large numbers of juvenile liver flukes
- Cysts
Uga S; Okada S; Matsumura T
1980 Kobe J Med Sc 26 (4) Dec 253-267 Wm
Toxoplasma gondii, albino mice, light and transmission electron microscopic study of cyst formation, distribution, and maturation in brains, serological and histological host responses
- Cysts
Warhurst DC; Carman JA; Mann PG
1980 Tr Roy Soc Trop Med and Hyg 74 (6) 832 Wa
Naegleria fowleri, survival of cysts at 4°C for 8 months with retention of virulence, indicates cysts produced in temperate waters may survive prolonged winter
- Cysts
Zaman V; Robertson TA; Papadimitriou JM
1980 Southeast Asian J Trop Med and Pub Health 11 (2) June 205-211 Wa
Sarcocystis fusiformis from Bubalus bubalis, scanning electron microscopy, reveals presence of 2 cyst walls and distinct compartments within cysts, confirms other light microscopic findings
- Cytochemistry See Biochemistry; Histochemistry
- Cytological diagnosis See Diagnosis
- Cytology [See also Morphology]
- Cytology
Binnington KC; Lane NJ
1980 J Neurocytol 9 (3) June 343-362 Wm
Boophilus microplus, changes in glycogen levels in perineurial cells during feeding, suggests that major function of these cells is trophic, ultrastructural study of perineurial and glial cells
- Cytology
Bogitsh BJ
[1980] J Parasitol 65 (6) Dec 1979 964-966 Issued Apr 2 Wa
Schistosoma mansoni, in vitro effects of actinomycin-D on gastrodermis of schistosomules, treated schistosomules were incapable of ingesting red blood cells
- Cytology
Davis AH; Carter CE
1980 Exper Cell Research 128 (1) July 59-62 Wa
Ascaris suum, chromosome diminution, chromatin structure, mechanism underlying increased histone-DNA ratios remains unclear
- Cytology
El Said A; Swiderski Z
1980 Cell and Tissue Research 208 (1) May 35-45 Wa
Amblyomma hebraeum, structure of spermatozoa, regional specialization of sperm membrane in relation to sperm motility
- Cytology
Fawcett DW; Doxsey S; Buescher G
1981 Tissue and Cell 13 (2) 209-230 Wa
Rhipicephalus appendiculatus, salivary gland, ultrastructure of type III acinus
- Cytology
Fawcett DW; Doxsey S; Buescher G
1981 Tissue and Cell 13 (2) 231-253 Wa
Rhipicephalus appendiculatus, salivary gland, changes in ultrastructure of type III acinus in course of feeding, cellular basis for fluid secretion in type III acinus

Cytology

Goldstein P

1981 J Parasitol 67 (5) Oct 697-701 Wa
Ascaris suum, accessory nuclei observed in early meiotic prophase in female worms but absent in meiosis in males, accessory nuclei also observed during prediminution embryonic divisions in some embryos but not in others

Cytology

Herbaut C et al

1980 Ann Parasitol 55 (6) Nov-Dec 679-685 Wa
Trichinella spiralis, oogenesis, ultrastructure

Cytology

Loehr KA; Mead RW

[1980] J Parasitol 65 (6) Dec 1979 886-889 Issued Apr 2 Wa
Hymenolepis citelli, maceration technique for study of cytological development

Cytology

Loehr KA; Mead RW

1980 J Parasitol 66 (5) Oct 792-796 Wa
Hymenolepis citelli, changes in embryonic cell frequencies in germinative and immature regions, correlation with changes in wet weight (growth rate) and developmental stages

Cytology

Matricon-Gondran M

1980 Tissue and Cell 12 (2) 383-394 Wa
Echinostoma caproni, gap junctions and particle aggregates in tegumentary syncytium, significance of these structures with respect to tegumentary permeability and exchanges with parenchyma

Cytology

Otubanjo OA

1981 Parasitology 82 (1) Feb 125-130 Wa
Schistosoma mansoni, sustentacular cells of testes, complexity and subcellular characteristics, possible functions

Cytology

Raikova EV

1980 Cell and Tissue Research 206 (3) Mar 487-500 Wa
Polypodium hydriforme, morphology, ultrastructure, and development of parasitic larva and its surrounding trophamnion: Volga delta (near Astrakhan)

Cytology

Saxena AK; Agarwal GP

1980 Experientia 36 (1) Jan 15 68 Wm
Lipeurus lawrensis tropicalis, oenocytes

Cytology

Soranzo L

1980 Ann Sc Nat Zool et Biol Animale 14 s 2 (1) Jan-Mar 35-50 Wa
Hypoderma sp., bovine, oenocytes of 1st, 2nd, and 3rd larval stages, development and ultrastructure, cytological, ultrastructural, and cytochemical observations, role in lipid metabolism

Cytology

Trimble JJ III; Thompson SA

1980 Cell and Tissue Research 205 (1) Jan 55-65 Wa
Ascaris suum, intestinal epithelium, strong electronegative charge on microvillar surface and basal membrane believed due to carboxyl groups of uronic acid and/or acidic amino acids

Cytology

Williams JB

1981 Austral J Zool 29 (2) 131-145 Wa
Temnocephala novaezealandiae, structure of flame cells and main vessels, protonephridial system probably functions in osmoregulation and ionic regulation, and perhaps also participates in excretion of nitrogenous wastes

Cytology, Protozoa [See also Morphology, Protozoa]

Cytology, Protozoa

de Andrade PP; de Almeida DF

1980 Exper Parasitol 50 (1) Aug 57-66 Wa
Herpetomonas samuelpessoai, model which accounts for relationship between microtubule arrangement, changes in cell volume, and transition from elongate (promastigote) to more spherical (para- and opisthomastigote) forms

Cytology, Protozoa

Curgy JJ; Vavra J; Vivares C

1980 Biol Cell 38 (1) May 49-52 Wa
Thelohania maenadis, *Inodosporus* sp., presence of ribosomal RNAs with prokaryotic properties in these eukaryotic organisms, phylogenetic implications

Cytology, Protozoa

Current WL

1980 J Protozool 27 (3) Aug 278-287 Issued Oct 9 Wa
Cryptobia sp., 2 populations (attached and free swimming) within spermatheca of *Triadopsis* multilineaata, fine structure of attached flagellates and their mode of attachment to spermatheca, venereal mode of transmission suggested: Platte River near Louisville, Sarpy Co., Nebraska

Cytology, Protozoa

Dubremetz JF; Dissous C

1980 Molec and Biochem Parasitol 1 (5) Sept 279-289 Wa
Sarcocystis tenella, subcellular fractionation of cystic zoites, analysis of protein contents of purified fractions of micronemes, dense granules, and pellicles

Cytology, Protozoa

Holberton DV

1981 J Cell Sc 47 Feb 167-185 Wa
Giardia spp., ventral sucking disk cytoskeleton, arrangement of subunits in isolated microribbons

Cytology, Protozoa

Holberton DV; Ward AP

1981 J Cell Sc 47 Feb 139-166 Wa
Giardia spp., isolation and structure of ventral sucking disk cytoskeleton, tubulin and low-molecular-weight protein associated with microribbon structures

Cytology, Protozoa

Lewis JW; Ball SJ

1980 J Parasitol 66 (6) Dec 948-953 Issued May 6 1981 Wa
Trypanosoma cobitis in *Hemiclepsis marginata*, ultrastructure of epimastigotes, presence of bacteria-like bodies in cytoplasm

- Cytology, Protozoa
McGhee RB; Cosgrove WB
1980 Microbiol Rev 44 (1) Mar 140-173 Wa
lower Trypanosomatidae, general biology and
systematics, cell biology and physiology, re-
view; includes unpublished data on possible hu-
man infection with Herpetomonas sp. in Corpus
Christi, Tex., hospital
- Cytology, Protozoa
Piras MM; de Rodriguez OO; Piras R
1981 Exper Parasitol 51 (1) Feb 59-73 Wa
Trypanosoma cruzi, preparation of pure
flagella from epimastigotes, fractionation
into axonemes and flagellar membranes,
identification of antigens present in both
subfractions that react with human chagasic
sera
- Cytology, Protozoa
Postell FJ; McGhee RB
1981 J Protozool 28 (1) Feb 78-83 Issued June 18
Wa
Phytomonas davidi from plant host, from insect
vector, and from culture medium, ultrastructure
- Cytology, Protozoa
Rovis L; Baekkeskov S
1980 Parasitology 80 (3) June 507-524 Wa
Trypanosoma brucei, subcellular fractions,
isolation, partial purification, chemical and
enzymatic characterization, special emphasis
on plasma membranes
- Cytology, Protozoa
Rubio J; Rosado Y; Castaneda M
1980 Canad J Biochem 58 (11) Nov 1247-1251 Wa
Trypanosoma cruzi epimastigotes, chromatin
found to be arranged in subunit structure by
demonstration of (i) nu-bodies, (ii) monomeric
and oligomeric DNA fragments, and (iii) 4 basic
nuclear proteins
- Cytology, Protozoa
Schaub GA; Pretsch M
1981 Tr Roy Soc Trop Med and Hyg 75 (1) 168-171
Wa
Blastrocythidia triatomae, excystment,
ultrastructural studies
- Cytology, Protozoa
Solari AJ
1980 Chromosoma 78 (2) 239-255 Wa
Trypanosoma cruzi, 3-dimensional fine structure
of mitotic spindle
- Cytology, Protozoa
Solari AJ
1980 Exper Cell Research 127 (2) June 457-460
Wa
Trypanosoma cruzi, function of dense plaques
during mitosis
- Cytology, Protozoa
de Souza W; Souto-Padron T
1980 J Parasitol 66 (2) Apr 229-235 Wa
Trypanosomatidae spp., flagellum, fine struc-
ture and cytochemistry, paraxial structure
- Cytology, Protozoa
Steiger RF; Oppendoes FR; Bontemps J
1980 European J Biochem 105 (1) Mar 17 163-175
Wa
Trypanosoma brucei bloodstream forms, subcellu-
lar fractionation with reference to enzymes as
potential markers representative of different
subcellular components with special emphasis on
digestive system in order to provide baseline
for evaluation of endocytotic and digestive
capacity
- Cytology, Protozoa
Taylor MB et al
1980 Internat J Biochem 11 (2) 117-120 Wm
parasitic flagellated protozoa, subcellular
localization of some glycolytic enzymes, glyco-
some is probably organelle unique to members of
Kinetoplastida
- Cytology, Protozoa
Wunderlich F; Falk H; Koenigk E
1980 J Parasitol 66 (6) Dec 1063-1065 Issued May
6 1981 Wa
Plasmodium knowlesi, nucleosomal organization
of chromatin
- Czechoslovakia
Klabanova V
1981 Ceskoslov Epidemiol Mikrobiol Imunol 30
(4) June 221-226 Wa
helminths of dogs, survey with emphasis on
Toxocara canis: Ceske Budejovice

DNA See Nucleic acids

Dermal tests See Immunity, Skin tests

Dermatitis [See also Skin]

Dermatitis, Arthropoda

Abu-Samra MT et al
1981 Ann Trop Med and Parasitol 75 (6) Dec 639-645 Wm
Sarcoptes scabiei var. ovis, sheep, severe outbreaks, clinical observations, unusual distribution of lesions, histopathology, result of treatment with 3 acaricides: Sudan

Dermatitis, Arthropoda

Abu-Samra MT; Imbabi SE; Mahgoub ES
1981 Ann Trop Med and Parasitol 75 (6) Dec 627-637 Wa
mange in domestic animals, survey, clinical picture, histopathology, treatment; new technique for isolation of Demodex folliculorum var. bovis: Sudan

Dermatitis, Arthropoda

Farkas J
1979 Dermat Monatschr 165 (12) Dec 858-861 Wm
Neotrombicula spp., human infestations, localizations on body, seasonal distribution

Dermatitis, Arthropoda

Grosshans E et al
1980 Ztschr Hautkrankh 55 (18) Sept 15 1211-1218 Wm
rosacea, human, immunological reactions to Demodex caprae antigens, histogenesis of granulomatous lesions provoked by demodectic fragments in facial skin in rosacea could be based on immunological mechanism, topical acaricides may be useful in treatment

Dermatitis, Arthropoda

Hayatee ZG; Al-Janabi BM; Al-Sadi HJ
1979 Ann Coll Med Mosul 10 (1) Jan 19-22 Wm
Dermanyssus gallinae, outbreak in humans causing itching, erythema, and allergic reactions, pigeons living and nesting on local buildings apparent source: Mosul Medical College, Mosul, Iraq

Dermatitis, Arthropoda

Naltsas S et al
1980 Cutis 25 (4) Apr 429-431 Wm
Dermanyssus americanus causing eczematous dermatitis in woman, sparrows had nested outside bedroom window, mites found on patient's bedroom furniture; review of possible mite infestations that can affect humans

Dermatitis, Arthropoda

Reunala T et al
1980 Duodecim 96 (13) 897-902 Wm
Lipoptena cervi, man, case report, cause of chronic dermatitis: Finland

Dermatitis, Arthropoda

Rufli T et al
1981 Dermatologica 162 (1) 12-26 Wm
Demodex folliculorum causing rosacea facial lesions or perioral dermatitis, humans, therapy with hexachlorocyclohexane

Dermatitis, Arthropoda

Rufli T et al
1981 Praxis Bern 70 (14) Mar 31 622-630 Wm
Demodex folliculorum, D. brevis, humans, dermatitis, incidence, pathology, possible role in etiology of other skin infections

Dermatitis, Arthropoda

Rufli T; Mumcuoglu Y
1981 Praxis Bern 70 (10) Mar 3 414-429 Wm
Sarcoptes scabiei var. hominis, humans, increasing incidence, pathology, differential diagnosis, various dermatologic presentations and their clinical courses compared, review of some animal scabies and their presentations in man, therapeutic recommendations

Dermatitis, Arthropoda

Thoday KL
1981 Brit Vet J 137 (2) Mar-Apr 133-154 Wa
modern diagnostic techniques in small animal clinical dermatology, review, includes information on ectoparasitic infestations

Dermatitis, Arthropoda

Vasconcelos W
1979 Med Cutan Ibero-Latino Am 7 (4-6) 115-126 Wm
human dermatitis (parasitic and non-parasitic causes), myiasis, diagnosis, clinical aspects, therapy, case reports, suggested classifications for use in a tropical area such as Brazil

Dermatitis, Arthropoda

Yunker CE et al
1980 J Wildlife Dis 16 (3) July 347-356 Wa
Ursicoptes americanus in Ursus americanus (skin), clinical mange; description of male, nymph, and larva: Nez Perce National Forest, north-central Idaho

Dermatitis, Nematoda

Langham ME; Richardson R
1981 Tropenmed u Parasitol 32 (3) Sept 171-180 Wa
Onchocerca volvulus, patients with skin snips negative for microfilariae, 2 methods used to clarify diagnosis (histologic and electron microscopic examination of skin for characteristic dermatitis; dermal response to topical application of diethylcarbamazine): Liberia

Dermatitis, Nematoda

Malviya HC
1974 Indian J Helminth 24 (1-2) Mar-Sept 1972 68-71 Issued Sept 1 Wa
incidence of stephanofilarial dermatitis, cattle and buffalo: Andaman Islands; Bareilly

Dermatitis, Nematoda

Vasconcelos W
1979 Med Cutan Ibero-Latino Am 7 (4-6) 115-126 Wm
human dermatitis (parasitic and non-parasitic causes), myiasis, diagnosis, clinical aspects, therapy, case reports, suggested classifications for use in a tropical area such as Brazil

Dermatitis, Protozoa

Dutta JK; Chadha SK
1978 Indian J Med Research 68 July 52-54 Wa
toxoplasmosis, incidence of infection in patients who develop rashes assessed using indirect hemagglutination test: India

Dermatitis, Protozoa

Topi GC et al
1978 Med Cutan Ibero-Latino-Am 6 (3-4) 185-192 Wm
Toxoplasma gondii, humans, case reports, chronic prurigo, toxoplasms demonstrated in lesions by means of conventional stains, and by immunofluorescence

- Dermatitis, Protozoa
Topi G et al
1979 Boll Ist Dermat S Gallicano 10 (1) 5-51
Wm
Toxoplasma gondii, human, etiologic agent in various dermatologic conditions, case reviews, clinical pathology, serological findings
- Dermatitis, Schistosome See Dermatitis, Trematoda
- Dermatitis, Trematoda
Catto BA; Lewis FA; Ottesen EA
1980 Am J Trop Med and Hyg 29 (5 pt 1) Sept 886-889 Wa
Schistosoma mansoni, cercariae (but not schistosomules) are capable of activating release of histamine from rat peritoneal mast cells in vitro, this reaction may function in vivo to serve as causal factor in pathogenesis of 'swimmer's itch'
- Dermatitis, Trematoda
Damian RT et al
1981 Am J Trop Med and Hyg 30 (4) July 836-843 Wa
Schistosoma mansoni, multiply-infected Papiocynocephalus, antibody responses, immunoglobulin classes (enzyme-linked immunosorbent assay, slide flocculation, circumoval precipitation, passive cutaneous anaphylaxis, and opsonization tests), immediate hypersensitivity responses (cercarial dermatitis, direct skin testing with adult worm antigen)
- Dermatitis, Trematoda
Farka J
1980 Dermat Monatschr 166 (11) Nov 747-750 Wm
cercarial dermatitis in man who stood in Danube River while fishing, clinical report: Bratislava
- Dermatitis, Trematoda
Guth BD et al
1979 Proc Helminth Soc Washington 46 (1) Jan 58-63 Issued Mar 14 Wa
schistosomes in birds (feces), causative agents of swimmer's itch, prevalence, correlation with host age (hatching-year vs. after hatching-year): lower Michigan
- Dermatitis, Trematoda
Leedom WS; Short RB
1981 J Parasitol 67 (2) Apr 257-261 Wa
Cercaria pomaceae sp. n. from Pomacea paludosa, cercarial dermatitis produced on forearms of human volunteers, variation in size of cercariae from different snails
- Dermatitis, Trematoda
Qadripur SA; Bosse K
1980 Ztschr Hautkrankh 55 (20) Oct 15 1390-1393 Wm
cercarial dermatitis, humans, general clinical review
- Dermatitis, Trematoda
Shimizu M; Matsuoka S; Ando K
1981 J Dermat 8 (2) Apr 117-124 Wm
Gigantobilharzia sturinae and other avian schistosomes as cause of human cercarial dermatitis, clinical review (distribution, seasonal incidence, pathology, intermediate hosts, control measures): Japan
- Dermatitis, Trematoda
Vasconcelos W
1979 Med Cutan Ibero-Latino Am 7 (4-6) 115-126 Wm
human dermatitis (parasitic and non-parasitic causes), myiasis, diagnosis, clinical aspects, therapy, case reports, suggested classifications for use in a tropical area such as Brazil
- Desiccation [See also Humidity; Water]
- Desiccation
Cabaret J
1980 Ann Parasitol 55 (5) Sept-Oct 571-581 Wa
protostrongylid 1st stage larvae, relationship between motility and infectivity, effect of various factors (parasite age, density, temperature, light, ions, desiccation), epidemiological implications
- Desiccation
Christensen NO; Frandsen F; Roushdy MZ
1980 Ztschr Parasitenk 64 (1) 47-63 Wa
Echinostoma liei, influence of various physicochemical environmental conditions on egg hatchability; miracidial host-finding capacity and level of parasitisation in Biomphalaria glabrata, susceptibility of different snails to infection, cercarial and metacercarial infectivity in relation to some first and second intermediate host-related factors, cercarial shedding, metacercarial longevity
- Desiccation
Cliff GM; Anderson RC
1980 J Helminth 54 (2) June 135-146 Wa
Pelodera strongyloides, development in culture, description of adults and developmental stages, effect of temperature on development, longevity of adults, exsheathment and development of dauerlarvae, storage of dauerlarvae, effect of freezing and desiccation on survival of dauerlarvae
- Desiccation
Conder GA
1978 Proc Helminth Soc Washington 45 (2) July 230-232 Issued Aug 30 Wa
Haemonchus contortus free-living stages, effect of ultraviolet radiation on survival, only third-stage larvae found to be resistant, UV radiation and desiccation have an additive deleterious effect
- Desiccation
Estes SA; Arlian L
1981 J Am Acad Dermat 5 (3) Sept 343 Wm
Sarcoptes scabiei, survival in mineral oil suspension up to 7 days, water balance is critical factor which the oil preparation protects by restricting transpiratory loss thus preventing rapid dehydration
- Desiccation
Gibson TE; Everett G; Whitehead J
1981 Internat J Biometeorol 25 (3) Sept 223-225 Wa
Ostertagia circumcincta, survival of free living stages during drought: England

Desiccation

- Kasprzak W; Mazur T; Matylla W
1980 Bull Inst Maritime and Trop Med Gdynia 31 (3-4) 239-249 Wm
Giardia spp., survival of cysts in feces and in water, at various temperatures and when exposed to air drying, resistance to various chemicals and disinfectants, performance compared with that of free-living *Acanthamoeba* sp., applications to control waterborne infections

Desiccation

- Rondelaud D; Barthe D
1980 Ztschr Parasitenk 62 (1) 95-104 Wa
Fasciola hepatica, parthenitae, degeneration or without development in *Lymnaea truncatula* (exper.), influence of snail breeding temperature, body volume of snail, and drying of ground on degeneration

Desiccation

- Rose JH; Small AJ
1980 Parasitology 81 (3) Dec 507-517 Wa
Oesophagostomum dentatum, development and survival of free-living stages in natural environments out-of-doors (effect of climatic conditions) and under controlled conditions in laboratory (effect of temperature and humidity)

Desiccation

- Rose JH; Small AJ
1981 J Helminth 55 (2) June 109-113 Wa
Oesophagostomum dentatum, growth of pasture herbage as well as weather affects development and survival of free-living stages

Desiccation

- Vogt WC; Woodburn TL
1980 Bull Entom Research 70 (4) Dec 665-671 Wa
Lucilia cuprina, effects of temperature and desiccation on survival and development of egg stage, ecological implications

Desiccation

- Wharton DA
1980 Parasitology 81 (1) Aug 103-113 Wa
function of oxyurid egg-shell

Desiccation

- Wharton DA
1981 Internat J Parasitol 11 (5) Oct 353-357 Wa
Trichostrongylus colubriformis infective larvae, initiation of coiling behavior prior to desiccation

Desoxyribonucleic acid See Nucleic acids

Development [See also Embryology; Growth; Life cycle]

Development, Acanthocephala

- Asaolu SO et al
1981 Parasitology 83 (1) Aug 23-32 Wa
Moniliformis dubius, development of ovarian balls, light and transmission electron microscopy

Development, Acanthocephala

- Helle E; Valtonen ET
1980 Canad J Zool 58 (2) Feb 298-303 Wa
Corynosoma strumosum, *C. semerme*, prevalence and location in *Pusa hispida botnica*, sex ratio, growth, and development of parasite: Bothnian Bay, Finland

Development, Acanthocephala

- Hutton TL; Oettinger DF
1980 J Parasitol 66 (6) Dec 965-972 Issued May 6 1981 Wa
Moniliformis moniliformis, origin and development of proboscis hooks, ultrastructural observations

Development, Acanthocephala

- Kurbanov MN
1978 Izvest Akad Nauk Azerbaidzhan SSR s Biol Nauk (5) 74-77 Wa
Sphaerirostris teres, description, development of acanthella to sexual maturity in final host

Development, Acanthocephala

- Marchand B; Mattel X
1980 Compt Rend Soc Biol Paris 174 (5) 933-936 Wa
Pallisentis golvani, during spermiogenesis the plasmic membrane surrounding the flagellum forms a nucleocytoplasmic groove rather than a cytoplasmic canal

Development, Acanthocephala

- Samuel G; Bullock WL
1981 J Parasitol 67 (2) Apr 214-217 Wa
Paratenuisentis ambiguus, life cycle and larval development in amphipod and eel hosts: Oyster River, Durham, New Hampshire

Development, Acanthocephala

- Uznanski RL; Nickol BB
1980 J Parasitol 66 (3) June 506-512 Wa
Leptorhynchoides thecatus in *Hyalella azteca*, sequential ranking system for developmental stages which recognizes 22 stages; redescription of certain aspects of development; description of developmental anomalies thought to be induced by high temperatures

Development, Arthropoda

- Beck JT
1980 Am Midland Naturalist 104 (1) July 135-154 Wa
Probopyrus pandalicola on *Palaemonetes paludosus*, breeding season, brood size (annual and seasonal variation, relationship to host length, independent of host sex), attachment and size development of male and female parasites, host and parasite population structure and longevity: Wakulla Co., Florida

Development, Arthropoda

- Beliaeva NS
1975 Parazitologiya Leningrad 9 (4) July-Aug 352-353 Wa
Dermacentor silvarum, duration of development of different life cycle stages at various temperatures, implications for distribution in nature

Development, Arthropoda

- Chmela J
1969 Folia Parasitol 16 (4) 313-319 Wa
Ixodes ricinus, time intervals between hatching, metamorphosis, and diapause of different stages over 3-year period, seasonal occurrence: Olomouc region, Moravia

Development, Arthropoda

- Cook IM; Spain AV
1981 Austral J Zool 29 (1) 7-14 Wa
Haematobia irritans exigua, immature stages, rates of development in relation to temperature and dung moisture levels, female pupae developed more rapidly than male pupae at all temperatures

- Development, Arthropoda
Cook IM; Spain AV; Sinclair DF
1980 Austral J Zool 28 (4) Aug 547-552 Wa
Haematobia irritans exigua, effects of temperature and moisture levels of dung which forms larval breeding medium on size and shape of puparium
- Development, Arthropoda
Gardiner WP; Gettinby G; Gray JS
1981 Vet Parasitol 9 (1) Oct 75-86 Wa
Ixodes ricinus, models based on weather for predicting tick development times
- Development, Arthropoda
Garris GI; Hair JA
1980 J Econom Entom 73 (3) June 407-410 Wa
Amblyomma americanum, woodlot-pastured Bradford and Hereford heifers, fecundity and development of ticks compared: eastern Oklahoma
- Development, Arthropoda
Guidry EV; Dronen NO jr
1980 J Parasitol 66 (4) Aug 686-688 Wa
Kiricephalus coarctatus, hatching, larval migration, development, and locomotion
- Development, Arthropoda
Heath ACG
1981 Internat J Parasitol 11 (2) Apr 169-175 Wa
Haemaphysalis longicornis, Ixodes holocyclus, Rhipicephalus sanguineus, engorged larvae, effect of temperature and humidity on survival, molting, and rate of development, temperature and humidity preferences reflected climate within geographic ranges of tick species
- Development, Arthropoda
Jones JB
1980 System Parasitol 2 (1) Dec 103-116 Wa
Caligus patulus, redescription, developmental stages
- Development, Arthropoda
Kamala Bai M; Prasad RS
1979 J Med Entom 16 (2) Sept 28 164-165 Wa
Xenopsylla cheopis, X. astia, influence of nutrition and feeding stimulus on maturation of males
- Development, Arthropoda
Khalil GM
1979 J Med Entom 16 (3) Oct 12 200-206 Wa
Argas persicus, life cycle in laboratory; survival capacity of unfed ticks
- Development, Arthropoda
Krinsky WL
1979 J Med Entom 16 (4) Nov 7 354-355 Wa
Ixodes dammini on rabbits (exper.), development in laboratory compared with published data about I. scapularis and I. muris; some differences in feeding and mating behavior between I. muris and the other 2 species
- Development, Arthropoda
Lavoipierre MMJ; Radovsky FJ; Budwiser PD
1979 J Med Entom 15 (3) Mar 23 187-217 Wa
Tunga monositus on Mus musculus (skin of ear pinna) (exper.), detailed description of feeding behavior and diet, histological study of embedded fleas, development of female on host, dependence on host inflammatory and repair response for survival and reproduction
- Development, Arthropoda
Lavoipierre MMJ; Radovsky FJ; Budwiser PD
1979 J Med Entom 16 (2) Sept 28 85-94 Wa
Tunga monositus on laboratory Peromyscus maniculatus (ear pinna) wild-caught from 2 localities, feeding behavior, cell intake, and neosomy, histological examination of sequential serial sections, comparison with findings from Mus musculus
- Development, Arthropoda
Levenbook L; Boctor FN; Fales HM
1980 J Insect Physiol 26 (6) 381-383 Wa
Dermacentor andersoni, free sugars in eggs, embryos, and adult haemolymph
- Development, Arthropoda
Norval RAI et al
1980 Vet Parasitol 7 (3) Nov 255-263 Wa
Amblyomma tholloni, life cycle under laboratory conditions, durations of developmental periods, egg productivity, attachment and feeding on hosts, attraction of males to partially fed females and sex pheromone 2,6-dichlorophenol, presence of 2,6-dichlorophenol in partially fed females
- Development, Arthropoda
Osburn RL; Davey RB; Thompson GD
1980 Ann Entom Soc Am 73 (5) Sept 613-616 Wa
Boophilus annulatus, B. microplus, testes development, timing and occurrence of spermatogenesis, karyotypes
- Development, Arthropoda
Rietschel G
1980 Zool Jahrb Jena Abt Syst 107 (2) 265-285 Wa
Oestromyia leporina, egg development and adaptation; thermotactic orientation of 1st stage larvae; 2nd stage immobile and not capable of coordinated locomotion; leaving of host by mature 3rd stage induced by light; interruption of diapause by freezing or its omission by keeping host under long-day conditions during last 2-5 days of 3rd larval stage
- Development, Arthropoda
Riley J
1981 Internat J Parasitol 11 (2) Apr 127-131 Wa
Porocephalus crotali, development in Crotalus atrox (exper.) from nymph to adult, length of infection, pathology in lung
- Development, Arthropoda
Silverman J; Rust MK; Reiersen DA
1981 J Med Entom 18 (1) Feb 78-83 Wa
Ctenocephalides felis, cats (exper.), influence of temperature and humidity on survival, development, and adult longevity
- Development, Arthropoda
Siuda K
1981 Folia Biol Warszawa 29 (1) 9-39 Wa
Argas polonicus, effect of temperature and relative humidity on embryonic development and egg hatch, laboratory study
- Development, Arthropoda
Smith DH
1977 J Med Entom 14 (2) Nov 25 137-145 Wa
Cuterebra approximata in Peromyscus maniculatus and other rodent species, incidence, univoltine life cycle, localization, bimodal seasonal occurrence, effect of egg age, photoperiod, temperature, and ecdysone injections on development, lack of immune response, disparity in adult fly sex ratios, implications of high host specificity and mortality rate for use in biological control, laboratory and field studies: Missoula, Montana

Development, Arthropoda

Soranzo L
1980 Ann Sc Nat Zool et Biol Animale 14 s 2 (1)
Jan-Mar 35-50 Wa
Hypoderma sp., bovine, oenocytes of 1st, 2nd,
and 3rd larval stages, development and ultra-
structure, cytological, ultrastructural, and
cytochemical observations, role in lipid me-
tabolism

Development, Arthropoda

Urawa S; Muroga K; Kasahara S
1980 J Fac Applied Biol Sc Hiroshima Univ 19 (1)
July 21-38 Wa
Neoergasilus japonicus, development in copepo-
did stage

Development, Arthropoda

Urawa S; Muroga K; Kasahara S
1980 Bull Japan Soc Scient Fish 46 (8) Aug
941-947 Wa
Neoergasilus japonicus, naupliar development
in Lepomis macrochirus (fins): Chizuka pond,
Fukuyama city, Hiroshima prefecture

Development, Arthropoda

Vogt WC; Woodburn TL
1980 Bull Entom Research 70 (4) Dec 665-671 Wa
Lucilia cuprina, effects of temperature and
desiccation on survival and development of egg
stage, ecological implications

Development, Cestoda

Furukawa T; Niwa A; Miyazato T
1981 Internat J Parasitol 11 (4) Aug 287-300 Wa
Hymenolepis nana, structural changes of onco-
sphere associated with postembryonic develop-
ment in unimmunized mice, damage to larvae
possibly attributable to host immunity in immu-
nized mice, ultrastructural level, interaction
between host cells and parasite

Development, Cestoda

Gabrion C
1981 Ztschr Parasitenk 65 (2) 191-205 Wa
Anomotaenia constricta, Paricterotaenia por-
osa, unhatched oncospheres, ultrastructure,
origin and formation of tegument discussed

Development, Cestoda

Goodchild CG; Stullken RE
1970 Tr Am Micr Soc 89 (2) Apr 224-229 Issued
Aug 19 Wa
Hymenolepis microstoma in Tribolium confusum
(exper.), position and structure of tissue
layers, cavities, and presumptive regions,
developmental process

Development, Cestoda

Heath DD; Lawrence SB
1981 Internat J Parasitol 11 (4) Aug 261-266 Wa
Echinococcus granulosus, effect of sera from
sheep infected with or immunized against cysts
or oncospheres and developing cysts grown in
vitro, study also provides new information on
early metamorphosis of oncosphere to developing
cyst as well as modification of culture media
of Heath & Lawrence (1976)

Development, Cestoda

Hess E
1980 Ztschr Parasitenk 61 (2) 135-159 Wa
Mesocostoides corti, tetrathyridium, ultra-
structure, differentiation of its tissues
during asexual multiplication and experimental
regeneration

Development, Cestoda

Insler GD; Roberts LS
1980 J Exper Zool 211 (1) Jan 45-54 Wa
Hymenolepis diminuta, rats, system for test-
ing possible crowding factors in vitro, worms
secreted substances inhibitory to growth of
other worms

Development, Cestoda

Kozakiewicz B
1980 Med Wet 36 (12) Dec 726-727 Wa
Echinococcus granulosus, pigs (exper.), in-
fluence of various sexual hormones on develop-
ment, survival, and fertility of echinococci

Development, Cestoda

Lawrence SB et al
1980 Parasitology 81 (1) Aug 35-40 Wa
Taenia ovis, improved technique for in vitro
culture of larvae using cell monolayer, new
observations on early development of onco-
spheres to immature cysticerci

Development, Cestoda

Loehr KA; Mead RW
[1980] J Parasitol 65 (6) Dec 1979 886-889 Is-
sued Apr 2 Wa
Hymenolepis citelli, maceration technique for
study of cytological development

Development, Cestoda

Loehr KA; Mead RW
1980 J Parasitol 66 (5) Oct 792-796 Wa
Hymenolepis citelli, changes in embryonic cell
frequencies in germinative and immature
regions, correlation with changes in wet
weight (growth rate) and developmental stages

Development, Cestoda

Mackiewicz JS; Ehrenpris MB
1980 Proc Helminth Soc Washington 47 (1) Jan 1-9
Issued Feb 15 Wa
caryophyllid cestodes, calcareous corpuscle
distribution in 4 species, comparison with
Proteocephalus sp. and Hymenolepis diminuta
(controls), possible evidence of cryptic seg-
mentation, significance to origin of segmenta-
tion in cestodes

Development, Cestoda

Mills GL; Taylor DC; Williams JF
1981 Molec and Biochem Parasitol 3 (5) Sept 301-
318 Wa
Taenia taeniaeformis metacestodes, lipid com-
position, lipid changes at different growth
stages

Development, Cestoda

Mudry DR; Arai HP
1973 Canad J Zool 51 (7) July 781-786 Wa
Hunterella nodulosa in Limnodrilus udekemianus
(exper.) and Catostomus commersoni (nat. and
exper.), life cycle from egg to adult, pattern
of growth in size and organ development in
adults; method of egg collection, selection of
uninfected exper. hosts: Nose Creek, Calgary,
Alberta

Development, Cestoda

Osuna Carrillo A et al
1977 Rev Iber Parasitol 37 (3-4) July-Dec
365-374 Wa
Taenia hydatigena, in vitro evagination
effect of 4 pH values and 3 different dis-
solved O₂ tensions

Development, Cestoda

Rausch RL; D'Alessandro A; Rausch VR
1981 Am J Trop Med and Hyg 30 (5) Sept 1043-1052
Wa
Echinococcus vogeli larvae in Cuniculus paca and Myocastor coypus, morphology, development, tissue response evoked, differentiation from E. oligarthrus

Development, Cestoda

Roberts LS
1980 Biol Tapeworm Hymenolepis diminuta 357-423
Wa
Hymenolepis diminuta, development in its definitive host, review

Development, Cestoda

Schom C; Novak M; Evans WS
1981 Parasitology 83 (1) Aug 77-90 Wa
Hymenolepis citelli in Tribolium confusum, effect of host starvation prior to infection, parasite population size, host sex, and host genotype on host mortality or survival and on rate of parasite development, evaluation of results from genetic and evolutionary point of view

Development, Cestoda

Smyth JD
1979 Ang Parasitol 20 (3) Sept 137-147 Wa
Echinococcus granulosus, E. multilocularis, in vitro culture of strobilar stages, appearance of extra scolex in some developing E. multilocularis strobila after prolonged culture

Development, Cestoda

Specian RD
1981 J Parasitol 67 (2) Apr 278-279 Wa
Hymenolepis diminuta, rostellar glands, paraldehyde fuchsin staining following destrobilization and surgical reimplantation into rats, results indicate strong correlation between activity of these modified tegumentary cells and development of the strobila

Development, Cestoda

Ubelaker JE
1980 Biol Tapeworm Hymenolepis diminuta 59-156
Wa
Hymenolepis diminuta, structure and ultrastructure of larvae and metacestodes, development, emergence, penetration, chemical composition, external factors influencing development, review

Development, Cestoda

Williams DD
1980 Proc Helminth Soc Washington 47 (1) Jan 138-139 Issued Feb 15 Wa
Isoglaridacris wisconsinensis, proceroid development

Development, Host

Armstrong E
1980 Ztschr Parasitenk 63 (2) 145-150 Wa
Nosema whitei in Tribolium castaneum (exper.), effects of crowding on host mortality and cannibalism, pupation and adult emergence, weight changes, and infection levels

Development, Host

Harlos J; Brust RA; Galloway TD
1980 Canad J Zool 58 (2) Feb 215-220 Wa
Culicimermis sp. reared through 4 successive generations in Aedes vexans, effect of host diet, host sex, and multiple parasitism on size of postparasites, effect of parasitism on ovarian development of host: Manitoba, Canada

Development, Host

Milner RJ; Lutton GG
1980 J Invert Path 36 (2) Sept 198-202 Wa
Pleistophora oncoperae in Oncopera alboguttata, incidence by host age and sex, no adverse effects on duration of larval and pupal development, adult life span, number of eggs laid, or fecundity; transovum transmission, role in biological control

Development, Host

Schmidt SP; Platzer EG
1980 J Invert Path 36 (2) Sept 240-254 Wa
Romanomermis culicivora in Culex pipiens (exper.), histopathology, changes in fat body tissue, imaginal disc development, growth, and in hemolymph carbohydrates, amino acids, and proteins

Development, Miscellaneous phyla

Raikova EV
1980 Cell and Tissue Research 206 (3) Mar 487-500 Wa
Polypodium hydriforme, morphology, ultrastructure, and development of parasitic larva and its surrounding trophamnion: Volga delta (near Astrakhan)

Development, Nematoda

Abbas MK; Cain GD
1981 Cell and Tissue Research 214 (3) 553-567 Wa
Ascaris suum, involvement of surface receptors in transformation of spermatozoa

Development, Nematoda

Anderson N et al
1978 Epidemiol and Control Gastrointest Parasites Sheep Australia 23-51 Wa
nematodes, sheep, epidemiology, control, seasonal distribution in various rainfall zones, review: Australia

Development, Nematoda

Ansari MZ; Singh KS
1981 Indian J Animal Sc 51 (4) Apr 459-465 Wa
Gaigeria pachyscelis, goats, sheep, monthly incidence and intensity of infection, effect of temperature and relative humidity on embryonic development and hatching of eggs and on formation of pre-parasitic larval stages: abattoir of Bareilly, India

Development, Nematoda

Aoki Y; et al
1980 J Parasitol 66 (3) June 449-457 Wa
Brugia pahangi, development of surface features from 3rd stage to adult worm, scanning electron microscopy

Development, Nematoda

Bain O; Petit G; Berteaux S
1980 Ann Parasitol 55 (2) Mar-Apr 225-237 Wa
Litomosoides petterii n. sp., L. legerae n. sp., development in Bdelonyssus bacoti

Development, Nematoda

Baker MR
1979 Canad J Zool 57 (1) Jan 161-178 Wa
Rhabdias americanus, R. ranae, free-living and parasitic development in amphibians: Guelph, Ontario, Canada

Development, Nematoda

- Baker NF et al
1981 Am J Vet Research 42 (7) July 1188-1191
Wa
gastro-intestinal nematodes, use of tracer calves to determine seasonal development of and variations in numbers and species of infective larvae on irrigated pastures near Oak Grove, California

Development, Nematoda

- Balaraman K; Das PK; Rajagopalan PK
1981 Indian J Med Research 73 Suppl Jan 144-146
Wa
Biochemical studies of some mosquitoes in relation to development of *Wuchereria bancrofti*

Development, Nematoda

- Bolla R; Weinstein PP
1980 Comp Biochem and Physiol 66B (4) 475-481
Wa
Nippostrongylus brasiliensis, acid protease activity during development and aging of free-living and parasitic stages

Development, Nematoda

- Cawthorn RJ; Anderson RC
1980 Canad J Zool 58 (1) Jan 94-108 Wa
Diplostriaena tricuspidis, development in intermediate and definitive hosts

Development, Nematoda

- Chauhan PPS; Paude BP
1981 Indian J Animal Sc 51 (4) Apr 439-445 Wa
Neoascaris vitulorum, bubaline and bovine strains, embryonic development of eggs up to infective stage, morphology of first- and second-stage larvae

Development, Nematoda

- Cliff GM; Anderson RC
1980 J Helminth 54 (2) June 135-146 Wa
Pelodera strongyloides, development in culture, description of adults and developmental stages, effect of temperature on development, longevity of adults, exsheathment and development of dauerlarvae, storage of dauerlarvae, effect of freezing and desiccation on survival of dauerlarvae

Development, Nematoda

- Douvres FW; Thompson MJ; Robbins WE
1980 Vet Parasitol 7 (3) Nov 195-205 Wa
Ostertagia ostertagi in vitro, effect of insect-growth-disrupting amines and amides on development, highly nematocidal, exert lethal effects at time of molt

Development, Nematoda

- Eberhard ML; Orihel TC
1981 J Parasitol 67 (4) Aug 556-564 Wa
Loa loa in experimental primate hosts, development from infective to adult stage, morphology, differences in growth rate between sexes

Development, Nematoda

- Eysker M
1980 Vet Parasitol 6 (4) Mar 369-379 Wa
Chabertia ovina, *Oesophagostomum venulosum*, sheep, significance of inhibited development in epidemiology: Utrecht State University, The Netherlands

Development, Nematoda

- Eysker M
1981 Ztschr Parasitenk 65 (3) 343-351 Wa
Haemonchus contortus, effects of pregnancy and lactation on survival and development of single dose of larvae which were conditioned for inhibited development and of such a primary infection on resistance to reinfection

Development, Nematoda

- Eysker M
1981 Research Vet Sc 30 (1) Jan 62-65 Wa
Haemonchus contortus, *Ostertagia circumcincta*, inhibited development, conditioning effect of standard culture conditions at different times of year in lambs of increasing age, effect of prolonging culture period to 12 day period, effect of storage of infective larvae at 15°C or 16°C and 4°C

Development, Nematoda

- Franz M; Schulz-Key H
1981 Tr Schul Soc Trop Med and Hyg 75 (1) 141-142
Wa
Onchocerca volvulus, microfilaria, sausage-, 2nd-, and 3rd-stage larvae in vector, scanning electron microscopy of anterior region

Development, Nematoda

- Fusco AC
1980 Proc Helminth Soc Washington 47 (1) Jan 63-71 Issued Feb 15 Wa
Spirocamallanus cricotus, larval development in *Tigriopus californicus* (hemocoel) (exper.), description of first-, second-, and third-stage larvae; experimental infection of *Penaeus setiferus* but not *Mesochra* sp.

Development, Nematoda

- Gass RF; Tanner M; Weiss N
1979 Ztschr Parasitenk 61 (1) 73-82 Wa
Dipetalonema viteae third-stage larvae, development within micropore chambers implanted into jirds, hamsters, normal and immunized mice; antibody production against cuticle and common antigens by immunized mice led to inhibited third- and fourth-stage larvae, increased larval mortality, and impaired larval motility

Development, Nematoda

- Griffin L
1980 Vet Parasitol 7 (2) Sept 123-131 Wa
Haemonchus contortus, sheep of different hemoglobin types (exper.), phenothiazine treatment shortly after patency, faecal egg output, haematological indices, and worm burden (of arrested larvae and adults) at intervals after infection; removal of adult worms by treatment did not stimulate resumption of development of arrested larvae, hemoglobin type may be factor in arrest of larvae as it is in resistance to adult worms

Development, Nematoda

- Harlos J; Brust RA; Galloway TD
1980 Canad J Zool 58 (2) Feb 215-220 Wa
Culicimermis sp. reared through 4 successive generations in *Aedes vexans*, effect of host diet, host sex, and multiple parasitism on size of postparasites, effect of parasitism on ovarian development of host: Manitoba, Canada

Development, Nematoda

Hashiguchi Y et al
1981 J Helminth 55 (3) Sept 189-196 Wa
Onchocerca volvulus, intake of and damage to microfilariae by Simulium ochraceum, early development in vector maintained under natural conditions of Guatemalan endemic focus, fly survival rates, microfilarial skin densities and numbers of microfilariae ingested by flies collected from different biting sites in each infected person

Development, Nematoda

Hasslinger MA
1981 Berl u Munchen Tierarztl Wchnschr 94 (1) Jan 1 1-5 Wa
strongyles, horses, effect of various temperatures on development of exogenous stages under laboratory conditions and occurring naturally on pasture

Development, Nematoda

Hasslinger MA; Schwaerzler C
1980 Berl u Munchen Tierarztl Wchnschr 93 (7) Apr 1 132-135 Wa
Trichosomoides crassicauda, development and migration in rat, inability to penetrate diaplacental barrier, diagnosis by flotation of feces-urine mixture better than immunofluorescence technique, eggs resistant to disinfectants

Development, Nematoda

Herbaut C et al
1980 Ann Parasitol 55 (6) Nov-Dec 679-685 Wa
Trichinella spiralis, oogenesis, ultrastructure

Development, Nematoda

Hominick WM; Aston AJ
1981 Parasitology 83 (1) Aug 67-75 Wa
Pelodera strongyloides larvae in Apodemus sylvaticus (conjunctival sacs (lacrimal fluid), skin (hair follicles)) and Clethrionomys glareolus (conjunctival sacs (lacrimal fluid)), description, development: Silwood Park, Ashurst Lodge, Ascot, Berks.

Development, Nematoda

Hulinska D
1968 Folia Parasitol 15 (1) 15-27 Issued Mar Wa
Enterobius vermicularis, development of female, morphogenesis of its sexual organ

Development, Nematoda

Jørgensen RJ
1980 Exper Parasitol 49 (1) Feb 106-115 Wa
Dictyocaulus viviparus, migration in agar of larvae subjected to variety of physicochemical exposures

Development, Nematoda

Kaya HK; Moon RD
1980 Ann Entom Soc Am 73 (5) Sept 547-552 Wa
Heterotylenchus autumnalis development, influence of protein in diet of host, Musca autumnalis

Development, Nematoda

Kondrashkova AN
1980 Biol Nauki Min Vyssh i Sredn Spetsial Obrazovan SSSR (200) (8) 48-54 Wa
Syngamus skrjabinomorpha, poultry (exper.), postembryological development; statistical methods used

Development, Nematoda

Kurihara T; Maeda R
1980 Mosquito News 40 (4) Dec 643-645 Wa
Romanomermis culicivora, development in pupal and adult Culex pipiens molestus

Development, Nematoda

Lok JB; Cupp EW; Bernardo MJ
1980 Tropenmed u Parasitol 31 (4) Dec 498-506 Wa
Onchocerca lienalis, development in Simulium decorum and S. pictipes, O. volvulus, development in S. decorum (all exper.), parental females of several geographic strains plus colonized flies used, fresh and cryopreserved microfilariae used, effect of microfilarial dosage

Development, Nematoda

McClelland G
1980 Exper Parasitol 49 (2) Apr 175-187 Wa
Phocanema decipiens in Phoca vitulina and Halichoerus grypus (both nat. and exper.), parasite growth, reproduction, survival (in sensitizing and challenge infections), and sex ratio; parasite incidence in free-living hosts varied seasonally and with host age: Nova Scotia

Development, Nematoda

Nwaorgu OC; Connan RM
1980 J Helminth 54 (3) Sept 223-232 Wa
Strongyloides papillosus, migration in rabbits following infection by oral and subcutaneous routes; prolonged presence of larvae in muscles may be analogous to arrested development of other nematodes, immunity is unimportant factor in aetiology of arrested development in this case since deliberate immunization resulted in very few larvae in muscles upon challenge

Development, Nematoda

Nwaorgu OC; Connan RM
1980 Vet Parasitol 7 (4) Dec 339-346 Wa
Strongyloides papillosus, importance of arrested larvae in maintenance of patent infections in rabbits and sheep

Development, Nematoda

Petit G
1981 Ann Parasitol 56 (1) 81-93 Wa
Dipetalonema dessetae, role of R₁ cell in elaboration of musculature of adult filariae, ultrastructural analysis

Development, Nematoda

Quentin JC; Seguignes M
[1980] Ann Parasitol 54 (6) Nov-Dec 1979 637-644 Wa
Gongylonema mucronatum, life cycle, morphology of developmental stages

Development, Nematoda

Quentin, JC; Verdier JM
[1980] Ann Parasitol 54 (6) Nov-Dec 1979 621-635 Wa
Maupasina weissi, life cycle, morphology of developmental stages, development of cephalic structures

Development, Nematoda

Reid GDF
1979 Ann Trop Med and Parasitol 73 (6) Dec 577-581 Wa
Onchocerca volvulus, development to 3rd stage larvae in Simulium ornatum and S. lineatum, possible use as laboratory models

Development, Nematoda

Renz A; Wenk P
1981 Tr Roy Soc Trop Med and Hyg 75 (1) 166-168
Wa
Litomosoides carinii, intracellular development in *Ornithonyssus bacoti*

Development, Nematoda

Rogers WP
1980 Comp Biochem and Physiol 66A (4) 631-635
Wa
Haemonchus contortus, insect juvenile hormone, action on hatching of eggs, role in development of infective and non-infective stages

Development, Nematoda

Rojo-Vazquez FA
1977 Rev Iber Parasitol 37 (1-2) Jan-June 27-36 Wa
Trichostrongylus axei, *T. colubriformis*, pre-parasitic development and survival on pasture herbage

Development, Nematoda

Rose JH; Small AJ
1980 Parasitology 81 (3) Dec 507-517 Wa
Oesophagostomum dentatum, development and survival of free-living stages in natural environments out-of-doors (effect of climatic conditions) and under controlled conditions in laboratory (effect of temperature and humidity)

Development, Nematoda

Schulz-Key H; Jean B; Albiez EJ
1980 Tropenmed u Parasitol 31 (1) Mar 34-40 Wa
Onchocerca volvulus, females, observations on normal development, pathologically altered development, and reproduction, implications for drug trial evaluations

Development, Nematoda

Schulz-Key H; Wenk P
1981 J Helminth 55 (3) Sept 161-166 Wa
Onchocerca tarsicola, *Odagmia ornata* and *Prosimulium nigripes* as vectors, larval development, observations concerning possible vectors of other filariids of *Cervus elaphus*: Germany

Development, Nematoda

Shelley AJ; Luna Dias APA; Moraes MAP
1980 Tr Roy Soc Trop Med and Hyg 74 (6) 784-788
Wa
Mansonella ozzardi in *Simulium amazonicum* and *Simulium n. sp.* (both nat. and exper.), development, larval dimensions, differentiation from *Onchocerca volvulus*: Brazilian Amazon

Development, Nematoda

Smeal MG; Donald AD
1981 Parasitology 82 (3) June 389-399 Wa
Ostertagia ostertagi, seasonal occurrence of inhibited development, effects of transfer of strains differing in inhibition-proneness between geographical regions of Australia, results suggest that strain difference is genetically determined

Development, Nematoda

Smeal MG; Fraser GC; Robinson GG
1980 Austral Vet J 56 (2) Feb 80-86 Wa
cattle nematodes, proportions of inhibited larvae in population make-up in 3 climatic regions, seasonal trends of inhibition may be due to strain differences, climatic factors, immunity, worm density-dependence: New South Wales

Development, Nematoda

Sneller VP; Dadd RH
1981 Exper Parasitol 51 (2) Apr 169-174 Wa
Brugia pahangi, development in *Aedes aegypti* reared axenically on defined synthetic diet vs. in conventionally reared *A. aegypti*

Development, Nematoda

Sneller VP; Dadd RH
1981 Exper Parasitol 51 (3) June 335-340 Wa
Brugia pahangi, growth and development improvement with lecithin in diet of axenically reared hosts, *Aedes aegypti*

Development, Nematoda

Snider TG III et al
1981 Vet Parasitol 8 (2) May 173-183 Wa
Ostertagia ostertagi, calves (exper.), single doses of larvae followed by increasing multiple inoculation series, fecal egg counts, plasma pepsinogen levels, inhibited larval development, abomasal lesions, host immunological response suggested by lymphoid cell infiltration in mucosa

Development, Nematoda

Stevenson P
1979 Research Vet Sc 27 (2) Sept 193-196 Wa
Ascaris suum, rate of egg development, environmental temperature: Great Britain

Development, Nematoda

Sulgostowska T
1980 Bull Acad Polon Sc Cl II s Sc Biol 28 (1-2) 65-69 Wa
Neoapectana carpocapsae, transformation of non-invasive larvae into inhibited invasive larvae both inside and outside insect hosts, exhaustion of food resources in habitat is chief factor

Development, Nematoda

Thornton DP; Brust RA
1979 Canad J Zool 57 (8) Aug 1710-1712 Wa
Romanomermis communensis, embryonic development at different temperatures

Development, Nematoda

Tidwell MA et al
1980 Am J Trop Med and Hyg 29 (3) May 377-381
Wa
Onchocerca volvulus, human, *Simulium exiguum* (nat. and exper.) as vector in San Antonio area of Rio Micay, Colombia, larval development; *S. metallicum* shown to be relatively poor experimental host

Development, Nematoda

Tidwell MA; Tidwell MA; Munoz de Hoyos P
1980 Am J Trop Med and Hyg 29 (6) Nov 1209-1214
Wa
Mansonella ozzardi, description of larval development to infective stage in black fly species of *Simulium sanguineum* group which had fed on naturally infected volunteers, concluded that *Simulium* rather than *Culicoides* are principal vectors in Mitu area, Comisaria del Vaupes, Colombia

Development, Nematoda

Uhazy LS
1978 J Wildlife Dis 14 (4) Oct 401-408 Wa
Philometroides huronensis in *Catostomus commersoni*, lesions and inflammatory response related to development and release of first-stage larvae from gravid worm: southern Ontario

- Development, Nematoda
Waller PJ; Donald AD; Dobson RJ
1981 Research Vet Sc 30 (2) Mar 213-216 Wa
Trichostrongylus spp., arrested development in grazing sheep, seasonal changes in relative abundance of *T. colubriformis* and *T. vitrinus*: Canberra, Australia
- Development, Nematoda
Winkhardt HJ
1979 Tropenmed u Parasitol 30 (4) Dec 455-462 Wa
Ixodes ricinus, *I. hexagonus*, artificial feeding successful with glass capillary tubes but unsuccessful with membrane feeding techniques; *I. ricinus*, infection with *Dipetalonema rugosicauda* by feeding through glass capillary tubes, microfilariae completed development only if ticks were allowed to complete engorgement on rabbits; natural infections of *D. rugosicauda* in *I. ricinus* found in forest near Biberach/Baden-Wurttemberg
- Development, Nematoda
Winkhardt HJ
1980 Tropenmed u Parasitol 31 (1) Mar 21-30 Wa
Dipetalonema rugosicauda, larval development in naturally infected *Ixodes ricinus*, seasonal occurrence of microfilariae in *Capreolus capreolus* and of infective larvae in ticks, prepatent period: Biberach/Riss, Suddeuschland
- Development, Nematoda
Xu J; Xinfu L; Xi Y
1980 Tung Wu Hsueh Pao (Acta Zool Sinica) 26 (1) Mar 61-70 Wa
Brugia malayi, periodic development in *Meriones unguiculatus* (exper.) (peritoneal cavity, testes, lymph nodes, heart, lungs, blood of orbital sinus), growth curve
- Development, Nematoda
Yoshimura K et al
1980 Exper Parasitol 49 (3) June 339-352 Wa
Angiostrongylus cantonensis raised in permissive or nonpermissive hosts, pulmonary arterial transfers into permissive or nonpermissive hosts, subsequent survival, growth, and egg-laying capacity, histopathology, antibody production
- Development, Nematoda
Young RR et al
1980 Parasitology 81 (3) Dec 477-491 Wa
Ostertagia circumcincta, effect of temperature on times to hatching of eggs, mathematical methods
- Development, Nematoda
Young RR et al
1980 Parasitology 81 (3) Dec 493-505 Wa
Ostertagia ostertagi, quantitative modelling and prediction of development times of free-living stages under controlled and field conditions, relationships with temperature
- Development, Nematoda
Young RR; Anderson N
1981 Austral J Agric Research 32 (2) 371-388 Wa
Ostertagia ostertagi, eggs and larvae, development and survival in cattle dung pats and on surrounding herbage and soil over period of 12 months, weather and other conditions in plot environment, effects of irrigation, implications of results for control: Victoria, Australia
- Development, Protozoa
Alcantara A; Brener Z
1978 Acta Trop 35 (3) Sept 209-219 Wa
Trypanosoma cruzi, Y vs. CL strain, uptake by and further development in mouse peritoneal macrophages, effect of opsonization
- Development, Protozoa
Alvarenga NJ; Brener Z
1978 Acta Trop 35 (4) Dec 315-317 Wa
Trypanosoma cruzi, development in *Triatoma infestans* and *Dipetalogaster maximus* in absence of blood
- Development, Protozoa
de Andrade PP; de Almeida DF
1980 Exper Parasitol 50 (1) Aug 57-66 Wa
Herpetomonas samuelpessoai, model which accounts for relationship between microtubule arrangement, changes in cell volume, and transition from elongate (promastigote) to more spherical (para- and opisthomastigote) forms
- Development, Protozoa
Antipa GA; Hatzidimitriou G
1981 J Protozool 28 (2) May 206-214 Wa
Conchophthirus curtus, morphogenesis: study of morphological events associated with binary fission
- Development, Protozoa
Ball SJ et al
1981 Parasitology 82 (1) Feb 131-135 Wa
Eimeria maxima, structure and development of microgametocytes, scanning and transmission electron microscopy
- Development, Protozoa
Banina NN
1969 Folia Parasitol 16 (4) 289-295 Wa
Apiosoma spp., changes in body shape during development and under influence of environmental factors, interpopulation changeability related to degree of host specificity
- Development, Protozoa
Bienen EJ; Hammadi E; Hill GC
1980 J Parasitol 66 (4) Aug 680-682 Wa
Trypanosoma spp., system for studying in vitro transformation of bloodstream trypomastigotes to established procyclic trypomastigotes
- Development, Protozoa
Bienen EJ; Hammadi E; Hill GC
1981 Exper Parasitol 51 (3) June 408-417 Wa
Trypanosoma brucei brucei, reproducible in vitro system for study of transformation of bloodstream- to procyclic-trypomastigotes, morphological changes, nutritional requirements, respiration
- Development, Protozoa
Bledsoe B
[1980] J Parasitol 65 (6) Dec 1979 875-879 Issued Apr 2 Wa
Sarcocystis idahoensis [n. sp.], sporogony in *Pituophis melanoleucus*
- Development, Protozoa
Box ED; Duszynski DW
1980 J Wildlife Dis 16 (2) Apr 209-215 Wa
Sarcocystis sp., presence of sexual stages in *Didelphis virginiana* after being fed muscle cysts from *Molothrus ater* and *Cassidix mexicanis*, description and development in small intestine

Development, Protozoa

Brehm H; Frank W
1980 Ztschr Parasitenk 62 (1) 15-30 Wa
Sarcocystis singaporensis, various animals fed sporulated oocysts and sporocysts isolated from imported Python reticulatus to test their suitability as intermediate hosts, only in rats were muscle cysts formed, life cycle, development

Development, Protozoa

Canning EU; Nicholas JP
1980 J Fish Dis 3 (4) July 317-338 Wa
Pleistophora typicalis, redescription, light and electron microscopy, host/parasite interface, development

Development, Protozoa

Canning EU; Olson AC jr
1980 J Parasitol 66 (1) Feb 154-159 Wa
Nosema lepocreadii sp. n. hyperparasitic in *Lepocreadium manteri* (vitelline system) from *Leuresthes tenuis* (gut), prevalence and site of infection, development: San Diego Co., California

Development, Protozoa

Carter R; Miller LH
1979 Bull World Health Organ 57 suppl 1 37-52 Wa
Plasmodium falciparum, evidence for environmental modulation of gametocytogenesis in continuous culture

Development, Protozoa

Castellanos GB; Angluster J; de Souza W
1981 Acta Trop 38 (1) Mar 29-37 Wa
Herpetomonas samuelpessoai, induction of differentiation by dimethylsulfoxide

Development, Protozoa

Charmot G; Bricaire F; Bastin R
1979 Nouv Presse Med 8 (1) Jan 6 35-38 Wm
Plasmodium ovale, humans, increased number of imported cases in France, characteristics of infection including very variable incubation period, possibility of genetic control of incubation period as a strain characteristic

Development, Protozoa

Chen P et al
1979 Tung Wu Hsueh Pao (Acta Zool Sinica) 25 (4) Dec 329-335 Wa
Plasmodium cynomolgi, development in *Anopheles stephensi*

Development, Protozoa

Chineme CN
1980 J Wildlife Dis 16 (3) July 377-380 Wa
Eimeria cameli in *Camelus dromedarius* (jejunum), gross and histopathologic lesions in intestinal tract, presence of giant schizonts in various developmental stages in lamina propria of jejunum, associated inflammatory cellular response: Zaria, Nigeria

Development, Protozoa

Cornelissen AWCA; Overdulve JP
1981 Tr Roy Soc Trop Med and Hyg 75 (4) 594-596 Wa
Isospora (Toxoplasma) gondii, sex determination and sex differentiation

Development, Protozoa

Current WL; Ernst JV; Benz GW
1981 J Parasitol 67 (2) Apr 204-213 Wa
Eimeria tuskegeensis in *Sigmodon hispidus* (ex-per.), endogenous stages

Development, Protozoa

Desportes I; Lom J
1981 Compt Rend Acad Sc Paris 292 s III Sc Vie (9) Mar 2 627-632 Wm
Paramyxa paradoxa, development, ultrastructure, affinities with *Marteiliidae*

Development, Protozoa

Desser SS
1980 J Parasitol 66 (4) Aug 601-612 Wa
presumed *Isospora* sp. in mononuclear phagocytic cells of *Hesperiphona vespertina*, asexual development, ultrastructure: Algonquin Park, Ontario

Development, Protozoa

Desser SS; Stuht J; Fallis AM
1978 J Wildlife Dis 14 (1) Jan 124-131 Wa
Leucocytozoon simondi, development and pathogenicity in *Branta canadensis maxima* at 3 different locations, evidence of parasite strain differences and implications in wild-fowl management practices: upper peninsula of Michigan

Development, Protozoa

Doran DJ
1980 Proc Helminth Soc Washington 47 (1) Jan 114-117 Issued Feb 15 Wa
Eimeria dispersa and *E. meleagridis*, rates and quantities of sporozoite excystation in chickens vs. turkeys (crop, proventriculus, gizzard, intestine, and droppings of all) (all exper.)

Development, Protozoa

Dubey JP; Speer CA; Douglass TG
[1981] J Protozool 27 (4) Nov 1980 380-387 Issued Mar 11 Wa
Sarcocystis cruzi, development and ultrastructure of first-generation meronts in calves fed sporocysts from coyote feces

Development, Protozoa

Endo T; Pelster B; Piekarski G
1981 Ztschr Parasitenk 65 (2) 121-129 Wa
Toxoplasma gondii trophozoites exposed to ultraviolet light induced normal parasitophorous vacuoles in cultured mouse peritoneal macrophages but lost capacity to multiply within them, degeneration of toxoplasmas without participation of host-cell lysosomes; redescription of fine structure of normal *Toxoplasma* infected macrophages, comparison with macrophages infected with irradiated trophozoites

Development, Protozoa

Fayer R
[1980] J Parasitol 65 (6) Dec 1979 980-982 Issued Apr 2 Wa
Sarcocystis bovicanis, multiplication in bovine bloodstream by method resembling endodyogeny

Development, Protozoa

Ferguson DJP et al
1980 Ztschr Parasitenk 63 (3) 289-291 Wa
Cystoisospora felis, cat (small intestine), asexual multiplication by endodyogeny within epithelial cells, ultrastructure

- Development, Protozoa
Ferguson DJP; Hutchison WM
1981 Ann Trop Med and Parasitol 75 (5) Oct 539-546 Wm
Toxoplasma gondii, avirulent vs. virulent strains in peritoneal exudate of mice, comparison of methods of asexual multiplication (endodyogeny, repeated endodyogeny, binary and multiple fission)
- Development, Protozoa
Frelrier PF; Mayhew IG; Pollock R
1979 Am J Vet Research 40 (5) May 651-657 Wa
Sarcocystis cruzi, dairy heifers, pathologic features associated with specific stages of parasite development (schizont, immature and mature cyst): New York
- Development, Protozoa
Garcia ES; Gilliam FC
1980 J Parasitol 66 (6) Dec 1052-1053 Issued May 6 1981 Wa
Trypanosoma cruzi, parasite development does not depend on activity of *Rhodnius prolixus* gut proteinase
- Development, Protozoa
Gass RF
1977 Acta Trop 34 (2) June 127-140 Wa
Plasmodium gallinaceum in *Aedes aegypti* given 2 consecutive blood meals, oocyst production inhibited or enhanced depending on timing of blood meals, results explained by action of host trypsin-like proteases on parasites, plasmodia 0-10 hours after blood meal are more sensitive to enzymes than later stages of parasite, suggests developmental adaptation of parasite to host's digestive processes
- Development, Protozoa
Gingrich JB et al
1981 Am J Trop Med and Hyg 30 (3) May 570-574 Wa
Trypanosoma brucei rhodesiense, some phenomena associated with development of infections in *Glossina morsitans*
- Development, Protozoa
Goetz P
1981 Ztschr Parasitenk 64 (3) 321-333 Wa
Mrazekia brevicauda, manubrium considered to be homologous in structure and development to polar filament of other Microsporidia; pathology in *Chironomus riparius*: West Germany; France
- Development, Protozoa
Greiner EC; Forrester DJ
1980 J Parasitol 66 (4) Aug 652-658 Wa
Haemoproteus meleagridis, redescription, developmental morphology of gametocytes, gametogenesis: Florida; Georgia
- Development, Protozoa
Hamilton RC; Cox JC
1981 Ztschr Parasitenk 64 (3) 271-278 Wa
Encephalitozoon cuniculi, ultrastructure and development in kidney collecting tubule cells of *Oryctolagus cuniculus* (exper.)
- Development, Protozoa
Hart DT; Vickerman K; Coombs GH
1981 Parasitology 83 (3) Dec 529-541 Wa
Leishmania mexicana mexicana, in vitro transformation of amastigotes to promastigotes, quantitative morphological and biochemical studies, nutritional requirements and effects of metabolic inhibitors and anti-protozoal drugs
- Development, Protozoa
Hostounsky Z; Weiser J
1978 Vestnik Ceskoslov Spolec Zool 42 (2) May 112-114 Wa
Pleistophora grossa sp. n. in chrysomelid beetles, development, not useful for field application
- Development, Protozoa
de Isola ELD et al
1981 J Parasitol 67 (1) Feb 53-58 Wa
Trypanosoma cruzi, influence of organ extracts of *Triatoma infestans* on differentiation from epimastigotes to metacyclic forms in vitro
- Development, Protozoa
Jouvenaz DP; Lofgren CS; Allen GE
1981 J Invert Path 37 (3) May 265-268 Wa
Burenella dimorpha in *Solenopsis geminata* (exper.), development, infectivity, and mode of transmission of 2 morphologically distinct spores, results verify this microsporidium as a dimorphic species
- Development, Protozoa
Krampitz HE
1981 Tr Roy Soc Trop Med and Hyg 75 (1) 155-157 Wa
Hepatozoon erhardovae, sexual development in *Xenopsylla cheopis* (exper.), sporozoite indices in xenodiagnosis
- Development, Protozoa
Krassner SM; Morrow CD; Flory B
1980 J Protozool 27 (1) Feb 87-92 Issued Apr 28 Wa
Leishmania donovani, inhibition of amastigote-to-promastigote transformation by infected hamster spleen lymphocyte lysates
- Development, Protozoa
Krotoski WA et al
1981 Am J Trop Med and Hyg 30 (1 pt 1) Jan 31-37 Wa
Plasmodium cynomolgi bastianelli, 48-hour exoerythrocytic stage, detection and specific identification by means of indirect immunofluorescence technique
- Development, Protozoa
Lainson R; Ready PD; Shaw JJ
1979 Proc Roy Soc London s B Biol Sc (1164) 206 Dec 31 307-318 Wa
Leishmania peruviana, indigenous to American continent, taxonomic status, development in *Lutzomyia longipalpis* compared with *L. tropica* and *L. major* in same insect
- Development, Protozoa
Larsson R
1981 Parasitology 83 (2) Oct 325-342 Wa
Berwaldia singularis sp. nov. from *Daphnia pulex* (fat body, ovaries, hypoderm), development, light and electron microscopy, pathological changes in host: pool at Saxtorp, Scania, Sweden
- Development, Protozoa
Lima JD
[1980] J Parasitol 65 (6) Dec 1979 976-978 Issued Apr 2 Wa
Eimeria asexual and sexual stages found in mesenteric lymph nodes of goat kids naturally infected with *E. arloingi*, *E. christenseni*, and *E. crandallii*: Illinois

Development, Protozoa

Lima JD
1981 J Protozool 28 (1) Feb 59-64 Issued June 18
Wa
Eimeria christenseni, life cycle in *Capra hircus* (exper.), course of infection, gross necropsy findings, histopathological changes, endogenous cycle

Development, Protozoa

Lindsay DS et al
1980 J Parasitol 66 (5) Oct 771-779 Wa
Isospora suis, endogenous development in piglets (exper.)

Development, Protozoa

Lipa JJ; Simchuk P
1979 Bull Acad Polon Sc Cl II s Sc Biol 27 (2) 105-108 Wa
Gregarina munieri, *G. crenata*, morphology of developmental stages, measurements

Development, Protozoa

Mancini PE; Patton CL
1981 Molec and Biochem Parasitol 3 (1) May 19-31 Wa
Trypanosoma brucei brucei, parasite strain-related pattern of cyclic 3',5'-adenosine monophosphate changes during parasite developmental cycle in normal and immunosuppressed rats, possible regulatory role of cyclic AMP in differentiation of trypanosomes

Development, Protozoa

Marinkelle CJ; Abdalla RE
1978 J Wildlife Dis 14 (1) Jan 11-14 Wa
Trypanosoma xeri in *Xerus erythropus* (blood, liver), measurements, description of multiplication stages in liver, tentative developmental cycle presented: central Sudan

Development, Protozoa

Mehlhorn H et al
1979 Tropenmed u Parasitol 30 (3) Sept 289-300 Wa
Blastocrithidia triatomae, developmental stages in *Triatoma infestans*, electron microscopy, differentiation from *Trypanosoma cruzi*, 3 main forms of parasite as well as cyst-like bodies observed

Development, Protozoa

Mehlhorn H; Schein E; Voigt WP
1980 J Parasitol 66 (2) Apr 220-228 Wa
Babesia canis, developmental stages within gut of *Dermacentor reticulatus*, light and electron microscopy; proposed hypothetical life cycle of *Babesia* species

Development, Protozoa

Mehlhorn H; Schein E; Warnecke M
1978 Acta Trop 35 (2) June 123-136 Wa
Theileria parva, development of kinetes in gut of *Rhipicephalus appendiculatus*, electron microscopy

Development, Protozoa

Meis JFGM et al
1981 Parasitology 82 (2) Apr 195-204 Wa
Plasmodium berghei, immature exo-erythrocytic forms in rat hepatocytes at stages between 25 and 51 hours of development, ultrastructure, new method to localize parasites in small portion of liver

Development, Protozoa

Miltgen F et al
1981 Ann Parasitol 56 (2) 123-130 Wa
Parahaemoproteus desseri n. sp., gametogony and tissue schizogony in *Psittacula roseata*, experimental sporogony in *Culicoides nubeculosus*: Bangkok, Thailande

Development, Protozoa

Moltmann UG
1980 Ztschr Parasitenk 62 (2) 165-178 Wa
Klossia helicina, merogony in snail kidney tissue cultures, ultrastructure of meronts and merozoites

Development, Protozoa

Mons B; van der Kaay HJ
1980 Acta Leidensia 48 9-16 Wa
Plasmodium berghei berghei, effect of cryopreservation on gametocytogenesis

Development, Protozoa

Morrow CD; Flory-Granger B; Krassner SM
1981 Comp Biochem and Physiol 69A (1) 65-72 Wa
Leishmania donovani, effect of ionophores A23187 and X-537A (lasalocid) and of divalent cations Ca^{2+} , Ba^{2+} , and Mn^{2+} on amastigote to promastigote transformation

Development, Protozoa

Mueller BEG; Desser SS; Haberkorn A
1981 J Parasitol 67 (4) Aug 487-495 Wa
Eimeria contorta in rat intestinal epithelial cells, ultrastructure of developing gamonts with emphasis on host-parasite interface

Development, Protozoa

Nantulya VM; Doyle JJ; Jenni L
1978 Acta Trop 35 (4) Dec 339-344 Wa
Trypanosoma congolense, cloned and uncloned derivatives of 3 recent field isolates, cyclical transmission by *Glossina morsitans morsitans*, duration of parasite developmental cycle in tsetse fly

Development, Protozoa

Novilla MN et al
1981 J Protozool 28 (2) May 248-255 Wa
Eimeria spp. in *Grus canadensis* and *G. americana*, parenteral development, post-mortem observations of disseminated granulomatous condition

Development, Protozoa

Osuna-Carrillo A; Jimenez-Ortiz A; Lozano-Maldonado J
1979 Rev Iber Parasitol 39 (1-4) Jan-Dec 129-133 Wa
Trypanosoma cruzi, in vitro transformation of pro- and epimastigotes into metacyclic forms, patent relation between acidification of medium and number of metacyclic forms

Development, Protozoa

Paterson WB; Desser SS
1981 J Parasitol 67 (3) June 314-324 Wa
Eimeria iroquoia in *Pimephales promelas*, ultrastructural study of microgametogenesis and microgamete

Development, Protozoa

Paterson WB; Desser SS
1981 J Parasitol 67 (4) Aug 496-504 Wa
Eimeria iroquoia in *Pimephales promelas* (exper.), ultrastructure of microgametogenesis, macrogametes, and young oocysts

- Development, Protozoa
 Paterson WB; Desser SS
 1981 J Protozool 28 (3) Aug 302-308 Wa
Eimeria iroquoiana in *Pimephales promelas* (exper.), ultrastructure of merogony
- Development, Protozoa
 Pittiolo RM; Ball SJ
 1980 Parasitology 81 (1) Aug 115-122 Wa
Eimeria maxima, ultrastructural development of oocyst wall
- Development, Protozoa
 Powell HC et al
 1978 Acta Neuropath Berlin 41 (3) Mar 211-216 Wm
Toxoplasma gondii, man, involvement of central nervous system, fine structure of pathologic changes; parasite fine structure and reproductive mechanisms
- Development, Protozoa
 Rudzinska MA et al
 1979 Canad J Zool 57 (2) Feb 424-434 Wa
Babesia microti, intraerythrocytic 'gametocytes' and their maturation in *Ixodes* sp. near *scapularis*, electron microscopic study of possible cell fusion
- Development, Protozoa
 Ruff MD; Doran DJ; Augustine PC
 1980 J Protozool 27 (2) May 186-189 Issued July 17 Wa
Eimeria meleagridis in turkeys, life cycle, effects of inoculum size and time on severity of infection and intestinal distribution
- Development, Protozoa
 Sayin F; Dincer S; Milli U
 1980 Zentralbl Vet-Med Reihe B 27 (5) 382-397 Wa
Eimeria arloingi, Angora kids (exper.), development of coccidiosis and patterns of oocyst discharge, life cycle, autopsy findings, pathogenicity, cross-transmission trials failed proving that *E. arloingi* and *E. ovina* are different species
- Development, Protozoa
 Schein E; Mehlhorn H; Voigt WP
 1979 J Invert Path 34 (2) Sept 229-241 Wa
Babesia canis, ultrastructure and development in salivary glands of *Dermacentor reticulatus*, comparison with *B. bovis*, *B. bigemina*, and *Theileria* species, light- and electron microscopy
- Development, Protozoa
 Scholtyssek E; Entzeroth R; Pellerdy L
 1979 Acta Vet Budapest 27 (4) 365-373 Wa
Eimeria steidai from *Oryctolagus cuniculus* infecting *Lepus europaeus*, development, light and electron microscopy
- Development, Protozoa
 Seagrave C; Bucke D; Alderman D
 1980 Fish Dis 3 COPRAQ Sess 174-181 Wa
Marteilia, similarity to organism causing proliferative kidney disease of fish, development and ultrastructure compared
- Development, Protozoa
 Semprevivo LH; Yusuf JN; Honigberg BM
 1981 Ztschr Parasitenk 65 (1) 43-51 Wa
Leishmania donovani, 2 substrains, changes in growth rates of promastigotes and amastigotes as well as in infectivity of promastigotes during course of cultivation, animal passages, and heat adaptation
- Development, Protozoa
 Shatry AM et al
 1981 Research Vet Sc 30 (2) Mar 181-184 Wa
Theileria parva, course of infection in *Bos taurus* calves with normal and partially exteriorized spleens, development of parasite in spleen and lymph nodes
- Development, Protozoa
 Sherman IW
 1979 Microbiol Rev 43 (4) Dec 453-495 Wa
Plasmodium, life cycle, biochemical determinants of parasite specificity for host cells, morphology and growth of blood stages, morphological alterations of infected cells, membrane structure and function in malaria, metabolic pathways (carbohydrate transport and metabolism; nucleic acids; protein synthesis; lipid biosynthesis; vitamins and cofactors; cation alterations), review
- Development, Protozoa
 Sibert GJ; Speer CA
 [1981] J Protozool 27 (4) Nov 1980 374-379 Issued Mar 11 Wa
Eimeria nieschulzi, mature macrogamonts, zygotes and oocyst wall formation, mature oocysts, fine structure
- Development, Protozoa
 Sinden RE
 1981 Tr Roy Soc Trop Med and Hyg 75 (1) 171-172 Wa
 malarial parasites, sexual development in mosquito vectors, review
- Development, Protozoa
 Smalley ME; Brown J
 1981 Tr Roy Soc Trop Med and Hyg 75 (2) 316-317 Wa
Plasmodium falciparum gametocytogenesis stimulated by lymphocytes and serum from infected Gambian children
- Development, Protozoa
 Smalley ME; Brown J; Bassett NM
 1981 Tr Roy Soc Trop Med and Hyg 75 (2) 318-319 Wa
Plasmodium falciparum, rate of production of gametocytes in patients with and without mature gametocytes in their peripheral blood
- Development, Protozoa
 Solangi MA; Overstreet RM
 1980 J Parasitol 66 (3) June 513-526 Wa
Eimeria funduli in killifishes, prevalence, specificity, and known distribution, sites of infection, experimental infections, route of infection (through grass shrimp), endogenous development, susceptibility and variability in development (host age, temperature, infective dose, premunition), gross pathology and pathogenesis, control with monensin or by feeding TetraMin fish food

- Development, Protozoa
de Souza ET et al
1980 J Parasitol 66 (6) Dec 985-988 Issued May 6 1981 Wa
Herpetomonas samuelpessoai, interaction of concanavalin A with cell surface induces cell differentiation leading to formation of paramastigotes and opisthomastigotes
- Development, Protozoa
Speer CA; Pond DB; Ernst JV
1980 Proc Helminth Soc Washington 47 (1) Jan 106-113 Issued Feb 15 Wa
Sarcocystis hemionilatrans in Canis latrans (feces, small intestine) (exper.), prepatent and patent periods and endogenous development, localization in small intestine, cellular response to initial infection and to reinfection, bright-field and electron microscopy
- Development, Protozoa
Sprague V; Hussey KL
1980 J Protozool 27 (2) May 169-175 Issued July 17 Wa
Ichthyosporidium giganteum in Leiostomus xanthurus (subcutaneous connective tissue of anterior abdominal region), host response to parasite invasion (syncytial xenoma), development of parasite: Chesapeake Bay, Maryland
- Development, Protozoa
Stagg DA et al
1981 Parasitology 83 (1) Aug 191-197 Wa
Theileria parva, method for separation and concentration of large numbers of sporozoites from Rhipicephalus appendiculatus, course of initial infection of cattle leucocytes with sporozoites in vitro
- Development, Protozoa
Streett DA; Ralph D; Hink WF
1980 J Protozool 27 (1) Feb 113-117 Issued Apr 28 Wa
Nosema algerae (potential biological control agent), replication in 3 insect cell lines
- Development, Protozoa
Tadros W; Laarman JJ
1979 Acta Leidensia 47 45-52 Wa
Sarcocystis cuciculi, gametogonic development in feline fibroblast cell line
- Development, Protozoa
Thomas EM et al
1981 Exper Parasitol 51 (3) June 366-372 Wa
Herpetomonas samuelpessoai, lidocaine induces changes in cell shape and motility, induces formation of membrane-bound cytoplasmic vacuoles, and induces differentiation of promastigote into opisthomastigote via paramastigote
- Development, Protozoa
Uspenskaia AV
1981 Tsitologija 23 (5) May 570-580 Wa
Henneguya zschokkei, nuclear ploidy of different life cycle stages, cytophotometric investigation of nuclear DNA content, electron microscopy, comparison with other Myxosporidia, 2 possible schemes of nuclear and cellular divisions during sporogenesis of diplosporoblastic Myxosporidia
- Development, Protozoa
Vershinin II
1974 Veterinariia Moskva (2) Feb 77-80 Wa
Sarcocystis hirsuta, dog, cats (both exper.), development cycle, prepatent period, patency
- Development, Protozoa
Wacha RS
[1981] J Protozool 27 (4) Nov 1980 368-371 Issued Mar 11 Wa
Pfeifferinella gugleri sp. n., formation of oocyst wall, sporogony in Triodopsis albolabris (alveolar cells of digestive gland (liver), feces): Ledges State Park, Boone Co., Iowa
- Development, Protozoa
Warnecke M et al
1979 Tropenmed u Parasitol 30 (3) Sept 318-322 Wa
Theileria velifera, development in gut and haemolymph of Amblyomma variegatum
- Development, Protozoa
Warnecke M et al
1980 Ztschr Parasitenk 62 (2) 119-125 Wa
Theileria mutans, development in gut and haemolymph of Amblyomma variegatum
- Development, Protozoa
Young AS et al
1980 Parasitology 81 (1) Aug 129-144 Wa
Theileria = Cytauxzoon taurotragi, development in Rhipicephalus appendiculatus
- Development, Protozoa
Young AS; Leitch BL
1980 J Parasitol 66 (2) Apr 356-359 Wa
Theileria spp., probable relationship between parasite development (transformation of zygotes into kinetes) and ecdysis of their tick hosts, could be controlled directly by temperature or by ecdysis process which is itself controlled by temperature
- Development, Protozoa
Young AS; Leitch BL
1981 Parasitology 83 (1) Aug 199-211 Wa
Rhipicephalus appendiculatus (4 strains), effect of range of constant temperatures during pre-moult and post-moult period of engorged nymphs on their moulting, on development of several stocks of Theileria parva within the ticks, and on resultant infection levels of T. parva in salivary glands of the adult ticks
- Development, Trematoda
Awadalla HN; El Sheikh HE; Farag HF
1978 J Egypt Med Ass 61 (5-6) 457-462 Wm
Schistosoma mansoni in Swiss albino mice, possibility of 'in situ' development of worms in host lungs rather than migration from liver to lungs after maturation in liver
- Development, Trematoda
Basch PF
1981 J Parasitol 67 (2) Apr 179-185 Wa
Schistosoma mansoni, in vitro cultivation, establishment of cultures from cercariae, development until pairing
- Development, Trematoda
Basch PF
1981 J Parasitol 67 (2) Apr 186-190 Wa
Schistosoma mansoni, in vitro cultivation, production of infertile eggs by worm pairs cultured from cercariae
- Development, Trematoda
Basch PF; Humbert R
1981 J Parasitol 67 (2) Apr 191-195 Wa
Schistosoma mansoni, in vitro cultivation, implantation of cultured worms into mouse mesenteric veins to assess potential for full development and oviposition

- Development, Trematoda
Benex J; Jacobelli G
1981 Ann Parasitol 56 (1) 57-61 Wa
Schistosoma mansoni miracidia, survival and development in vitro
- Development, Trematoda
Burden CS; Ubelaker JE
1981 Exper Parasitol 51 (1) Feb 28-34 Wa
Schistosoma mansoni in mice vs. S. haematobium in hamsters, growth and maturation of bisexual and unisexual infections in relationship to copulation, egg shell protein formation, and oviposition, vitellogenesis evaluated with electron microscopy after diazonium salt staining and autofluorescence
- Development, Trematoda
Bykhovskii BE; Nagibina LF
1975 Parazitologiya Leningrad 9 (3) May-June 209-219 Wa
Monogenoidea spp., post-embryonic development with particular reference to attachment armature
- Development, Trematoda
Carney WP
1970 Tr Am Micr Soc 89 (2) Apr 233-250 Issued Aug 19 Wa
Brachylecithum mosquensis, natural and experimental infections in avian, molluscan, and insect hosts, laboratory life cycle and development, in vitro egg hatching and metacercariae excystment, description of egg and larval stages, host specificity, foci of transmission: Missoula vicinity, Montana
- Development, Trematoda
Clough ER
1981 J Parasitol 67 (4) Aug 535-539 Wa
Schistosoma mansoni, morphology of reproductive organs and oogenesis in bisexual and unisexual transplants of mature females, separation of females from their male partners leads to reversible degeneration of female reproductive tract
- Development, Trematoda
Combes C
1967 Bull Soc Zool France 92 (1) 129-133 Issued Sept 10 Ws
Polystoma pelobatis, P. integerrimum, existence and experimental demonstration of ovoviviparity
- Development, Trematoda
Cone DK
1979 Canad J Zool 57 (10) Oct 1896-1904 Wa
Urocleidus adspetus, development of haptor in Perca flavescens (exper.)
- Development, Trematoda
Cousin CE; Stirewalt MA; Dorsey CH
1981 Exper Parasitol 51 (3) June 341-365 Wa
Schistosoma mansoni, ultrastructure of early transformation of skin- vs. shear-pressure-derived schistosomules
- Development, Trematoda
Erasmus DA; Popiel I
1980 Exper Parasitol 50 (2) Oct 171-187 Wa
Schistosoma mansoni, 4 stages in development of mature vitelline cell defined precisely, % of their contribution to cell population of vitelline lobule determined, effects of astiban, lucanthone, and hycanthone on this cell population
- Development, Trematoda
Font WF; Wittrock DD
1980 J Parasitol 66 (6) Dec 955-964 Issued May 6 1981 Wa
Leucochloridiomorpha constantiae, scanning electron microscopy during development from metacercaria to adult
- Development, Trematoda
Fredericksen DW
1980 J Parasitol 66 (6) Dec 973-984 Issued May 6 1981 Wa
Cotylogaster occidentalis, development, Aspidogaster conchicola, growth of ventral adhesive disc, light and scanning electron microscopy
- Development, Trematoda
Fried B; Barber LW; Butler MS
1978 Proc Helminth Soc Washington 45 (2) July 162-166 Issued Aug 30 Wa
Cotylyrus strigeoides, growth and development in domestic chicks (fed isolated cysts vs. infected whole Physa heterostropha), on chorio-allantoic membranes of chick embryos, and in vitro: infectivity to chicks
- Development, Trematoda
Fried B; Butler CS
1979 Rev Iber Parasitol 39 (1-4) Jan-Dec 395-400 Wa
Fasciola hepatica metacercariae, chemical excystation, development on chorioallantoic membrane, histochemical and thin layer chromatographic analyses of neutral lipids
- Development, Trematoda
Fried B; Fine RH; Felter BL
1980 Parasitology 81 (1) Aug 41-45 Wa
Leucochloridiomorpha constantiae, growth, development, and pairing of metacercariae on chorio-allantois of chick embryos cultivated in vitro vs. worms grown in bursa of Fabricius of domestic chicks
- Development, Trematoda
Fried B; Heyer BL; Pinski AK
1981 J Parasitol 67 (1) Feb 50-52 Wa
Amblosooma suwaense, cultivation in chick embryos from free metacercaria to ovigerous adult, development, growth
- Development, Trematoda
Fried B; Holmes ML
1979 Proc Helminth Soc Washington 46 (1) Jan 70-73 Issued Mar 14 Wa
Leucochloridiomorpha constantiae metacercariae, development on chick chorioallantoic membranes (CAM) and in chick embryos, worms grown singly were capable of self-fertilization, acetabular attachment to CAM is similar to attachment seen in chick bursa of Fabricius
- Development, Trematoda
Greer GJ; Corkum KC
1979 Proc Helminth Soc Washington 46 (2) July 188-200 Issued Aug 14 Wa
Caecincola latostoma sp. n., Cryptogonimus spinovum sp. n., Textrema hopkinsi, description, developmental stages, parasitic castration of snail hosts: Louisiana
- Development, Trematoda
Greer GJ; Corkum KC
1980 Proc Helminth Soc Washington 47 (1) Jan 47-51 Issued Feb 15 Wa
Caecincola latostoma, Cryptogonimus spinovum, and Textrema hopkinsi, patterns of cercarial emergence, metacercarial and adult development cycle, population densities in vertebrate and invertebrate hosts: south Louisiana

- Development, Trematoda
He Y; Yang H
1980 Tung Wu Hsueh Pao (Acta Zool Sinica) 26
(1) Mar 32-41 Wa
Schistosoma japonicum, post-cercarial develop-
ment in mice, morphological features
- Development, Trematoda
Higgins JC
1980 Parasitology 81 (1) Aug 47-59 Wa
Bucephalus haimeanus, attachment and penetra-
tion of cercariae, metamorphosis from cercarial
to metacercarial stage, formation of cyst wall
and related changes in tegument, structural
and histochemical observations
- Development, Trematoda
Ho Y; Yang H
1979 Tung Wu Hsueh Pao (Acta Zool Sinica) 25
(4) Dec 304-310 Wa
Schistosoma japonicum, embryonic development,
histology and histochemistry, nature of in
vivo circumoval precipitates
- Development, Trematoda
Ikeda T; Fujita K
1980 J Parasitol 66 (2) Apr 197-204 Wa
Paragonimus ohirai, rats, relationship between
IgE titer, migration route, and parasite age,
indirect hemagglutinating antibody response not
influenced by same variables
- Development, Trematoda
Irie Y; Yasuraoka K
1981 Japan J Exper Med 51 (1) Feb 53-63 Wa
Schistosoma japonicum, ultrastructural changes
in tegument during transformation from cer-
caria to schistosomulum
- Development, Trematoda
Jourdane J; Theron A
1980 Exper Parasitol 50 (3) Dec 349-357 Wa
Schistosoma mansoni, cloning by microsurgical
transplantation of sporocysts into Biomphalaria
glabrata, maintenance of life cycle in labora-
tory for 1 year solely in molluscan host
through 6 successive transplantations
- Development, Trematoda
Jourdane J; Theron A; Combes C
1980 Acta Trop 37 (2) June 177-182 Wa
Schistosoma mansoni, demonstration of several
generations of sporocysts as normal pattern
of reproduction
- Development, Trematoda
Karyakarte PP; Baheti SP
1977 Marathwada Univ J Sc (Nat Sc) 10 (9) 95-98
Wa
Tremiorchis ranaram, role of neurosecretory
cells in maturation, histochemistry
- Development, Trematoda
Kechemir N; Theron A
1980 J Parasitol 66 (6) Dec 1068-1070 Issued
May 6 1981 Wa
Schistosoma haematobium, existence of replicat-
ing sporocysts in development cycle
- Development, Trematoda
Lambert A
1980 Ann Parasitol 55 (2) Mar-Apr 165-198 Wa
oncomiracidia and phylogenesis of Monogenea,
review and synthesis of published work: ex-
perimental techniques; Dactylogyridea, method
of infestation of host-fish by oncomiracidia,
post-larval morphogenesis of haptor
- Development, Trematoda
Lankester MW; Snider JB; Jerrard RE
1979 Canad J Zool 57 (12) Dec 2355-2357 Wa
Paramphistomum cervi, annual maturation in
Alces alces, possible influence of host diet
- Development, Trematoda
Lucius R; Romig T; Frank W
1980 Ztschr Parasitenk 63 (3) 271-275 Wa
Dicrocoelium hospes, life cycle, development
in Camponotus compressiscapus (exper.), be-
havioral changes of host
- Development, Trematoda
McLaren DJ
1980 Trop Med Research Studies Ser (1) 229 pp
Wm
Schistosoma mansoni, parasite surface in rela-
tion to host immunity, monograph
- Development, Trematoda
Mansour NS; Vogt M
1981 Am J Trop Med and Hyg 30 (1 pt 1) Jan
127-134 Wa
Schistosoma haematobium, changes in tegumental
surface during development in hamsters, scan-
ning electron microscopy
- Development, Trematoda
Matthews BF
1981 Parasitology 83 (3) Dec 575-586 Wa
Cercaria vaullegeardi, development and ultra-
structure
- Development, Trematoda
Meuleman, EA; Holzmann PJ; Peet RC
1980 Ztschr Parasitenk 61 (3) 201-212 Wa
Schistosoma mansoni in Biomphalaria pfeifferi
(exper.), ultrastructure of body wall of mother
sporocysts and developing daughter sporocysts;
amoebocyte reaction to mother sporocysts not
considered as cellular defense reaction but
most likely a protection against harmful
products excreted by parasite
- Development, Trematoda
Michalick MSM; Gazzinelli G; Pellegrino J
1979 Rev Inst Med Trop S Paulo 21 (3) May-June
115-118 Wm
Schistosoma mansoni, cercarial bodies cultured
to a stage of development at which worms are
almost sexually mature, possible advantages
for use in culture studies
- Development, Trematoda
Mitchell JB; Mason AR
1980 Internat J Parasitol 10 (1) Feb 75-80 Wa
Gorgoderina vitelliloba, method of attachment
of daughter sporocysts to gills of molluscan
host, emergence of cercariae from daughter
sporocysts
- Development, Trematoda
Prevot G; Bartoli P
1980 Ann Parasitol 55 (4) July-Aug 407-425 Wa
Cardiocephalus longicollis, life cycle,
morphology of developmental stages
- Development, Trematoda
Rees FG
1981 Ztschr Parasitenk 65 (1) 19-30 Wa
Parorchis acanthus, redia, regional and age
differences in ultrastructure of epidermis,
transmission electron microscopy, possible
functions of epidermal regions discussed

- Development, Trematoda
Rocha MO; Coelho PMZ
1980 Rev Inst Med Trop S Paulo 22 (4) July-Aug
157-163 Wm
Schistosoma mansoni, schistosomula inoculated
into portal vein of normal mice developed in
the portal system without a skin phase and
probably without a pulmonary phase, suggests
that skin and pulmonary phases are hemody-
namic phenomenon rather than necessary for
further development
- Development, Trematoda
Rondelaud D; Barthe D
1980 Ztschr Parasitenk 62 (1) 95-104 Wa
Fasciola hepatica, parthenitae, degeneration
or without development in *Lymnaea truncatula*
(exper.), influence of snail breeding tempera-
ture, body volume of snail, and drying of
ground on degeneration
- Development, Trematoda
Saad AM et al
1980 Research Vet Sc 28 (1) Jan 105-111 Wa
Schistosoma bovis, zebu calves (exper.), de-
velopment and clinical pathology of primary
infections, relationship between clinico-patho-
logical changes and the number and reproductive
activities of the worms
- Development, Trematoda
Samuelson JC; Caulfield JP; David JR
1980 Exper Parasitol 50 (3) Dec 369-383 Wa
Schistosoma mansoni schistosomula grown in
vitro and in mice, post-transformational
changes: gross surface changes (including
calculations of length, width, volume, and sur-
face area), changes in specialized surface
structures, changes in internal structures,
limits of culture conditions
- Development, Trematoda
Samuelson JC; Sher A; Caulfield JP
1980 J Immunol 124 (4) Apr 2055-2057 Wm
Schistosoma mansoni, newly transformed schisto-
somula spontaneously lose surface antigens and
C3 acceptor sites during culture
- Development, Trematoda
Schnier MS; Fried B
1980 Internat J Parasitol 10 (5-6) Nov-Dec 391-
395 Wa
Amblosum suwaense, in vitro cultivation from
metacercaria to ovigerous adult
- Development, Trematoda
Shaw JR; Erasmus DA
1981 Parasitology 82 (1) Feb 121-124 Wa
Schistosoma mansoni, development of
reproductive system of female worms from
single-sex infections, varying degrees of
incomplete parthenogenesis
- Development, Trematoda
Skorping A
1981 J Fish Biol 18 (4) Apr 401-410 Wa
Bunodera luciopercae, seasonal dynamics in
abundance, development, recruitment, and fre-
quency distribution in *Perca fluviatilis*: lake
in vicinity of Oslo, Norway
- Development, Trematoda
Sluiter JF
1981 Ztschr Parasitenk 64 (3) 303-319 Wa
Trichobilharzia ocellata, development in *Lym-
naea stagnalis* (exper.), effects of infection
on host reproductive system
- Development, Trematoda
Stunkard HW
1980 J Parasitol 66 (4) Aug 636-641 Wa
Neopechona cablei sp. n., life history, de-
velopment
- Development, Trematoda
Theron A
1981 Ann Trop Med and Parasitol 75 (1) Feb
71-77 Wa
Schistosoma mansoni, dynamics of larval
populations in *Biomphalaria glabrata*, rhythmic
production of cercariae in monomiracidial
infections
- Development, Trematoda
Theron A
1981 Ann Trop Med and Parasitol 75 (5) Oct
547-554 Wm
Schistosoma mansoni, dynamics of larval popu-
lations in *Biomphalaria glabrata*, chronobiology
of intramolluscal larval development during
shedding period
- Development, Trematoda
Thurston JP
1968 J Zool London 154 (4) Apr 475-480 Wa
Oculotrema hippopotami from *Hippopotamus am-
phibius* (eye), description and development of
eggs and larvae: Western Uganda
- Development, Trematoda
Ueta MT
1980 Rev Saude Pub S Paulo 14 (1) Mar 43-57 Wm
Fasciola hepatica, *Lymnaea columella* (exper.),
infection with miracidia, only 3% of snails
survived until cercariae fully developed, of
various laboratory animals fed metacercariae
only rabbits developed infection
- Development, Trematoda
Van Marck EAE; Gigase PL
1978 Ann Soc Belge Med Trop 58 (2) June 157-158
Wa
Schistosoma mansoni, mice with total ligation
of the portal vein, passive migration via
bloodstream from lungs accounts for adult worm
pairs' presence in systemic circulation, intra-
hepatic stage of schistosomules is not a pre-
requisite for full sexual maturation
- Development, Trematoda
Vanoverschelde R
1981 Parasitology 82 (3) June 459-465 Wa
Himasthla militaris, life-cycle: influence of
salinity and temperature on egg development
and miracidial emergence
- Diabetes
Mashaly M et al
1978 J Egypt Med Ass 61 (11-12) 693-702 Wm
possible causal relationships between diabetes
and hepatic cirrhosis, humans, included hepatic
bilharziasis as probable cause

- Diagnosis, Cestoda
Burse CC; McKenzie JA; Burt MDR
1980 Internat J Parasitol 10 (3) June 167-174
Wa
Taenia, polyacrylamide gel electrophoresis in differentiation of 3 spp. by total protein, Hymenolepis diminuta used as control
- Diagnosis, Cestoda
Calder JF et al
1981 Diagn Imaging 50 (2) 107-109 Wm
Echinococcus granulosus, human abdominal hydatid disease, ultrasonic diagnosis: Kenya
- Diagnosis, Cestoda
Calderon C et al
1975 Rev Med Chile 103 (3) Mar 180-183 Wm
hydatid disease, humans, involvement of long bones, clinical and radiological aspects
- Diagnosis, Cestoda
Catalani C et al
1979 Radiol Med Torino 65 (6) June 417-423 Wm
ultrasonics used to diagnose pleuropulmonary and mediastinal diseases, includes information on echinococcosis
- Diagnosis, Cestoda
Chigot JP et al
1980 Ann Chir Paris 34 (5) May 333-339 Wm
hydatid hepatic cysts, humans, review of current diagnostic methods, surgical recommendations
- Diagnosis, Cestoda
Chipail GG et al
1980 Rev Med-Chir Soc Med si Nat Iasi 84 (3) July-Sept 451-455 Wm
hydatid cysts, human pulmonary infections, differential diagnosis, diagnostic problems, surgical techniques, operative complications
- Diagnosis, Cestoda
Cieslik R et al
1980 Polski Przegl Chir 52 (3) Mar 257-260 Wm
Echinococcus granulosus, woman, case report, mechanical jaundice following perforation of hydatid cyst into the bile ducts, radiologic diagnosis, surgical therapy
- Diagnosis, Cestoda
Connellan SJ; Jowett AW; Wilson RSE
1979 Brit J Dis Chest 73 (4) Oct 405-406 Wm
echinococcosis, 33-year-old Welsh stock farmer, presentation of tension pneumothorax, diagnosed after surgical treatment of complicating empyema, stresses importance of diagnostic awareness
- Diagnosis, Cestoda
Danziger A; Price H
1980 J Comput Assist Tomogr 4 (1) Feb 128-129 Wm
orbital echinococcosis, humans, diagnosis using computed tomography
- Diagnosis, Cestoda
Darlak JJ; Moskowitz M; Kattan KP
1980 Radiol Clin North Am 18 (2) Aug 209-219 Wm
parasites and other causes of hepatic calcifications, humans, diagnosis using abdominal ultrasonography, fluoroscopy, or conventional contrast radiography
- Diagnosis, Cestoda
DeCock KM; Calder JF
1981 Tr Roy Soc Trop Med and Hyg 75 (5) 632-636
Wa
ultrasonic diagnosis of abdominal disease, including amoebic liver abscess and hydatid cyst: Kenya
- Diagnosis, Cestoda
Dettori G; et al
1980 Am Surg 46 (9) Sept 530-533 Wm
echinococcosis, human thyroid gland, pathology, clinical and therapeutic features of 2 cases. diagnosis by radioiodine scan: Sardinia
- Diagnosis, Cestoda
Dublin AB; French BN
1980 Am J Neuroradiol 1 (2) Mar-Apr 205-206 Wm
Taenia solium, cysticercotic cyst of septum pellucidum, woman, case report, diagnosed by computed tomographic and other radiologic findings: Mexican-American living in California
- Diagnosis, Cestoda
Durand H et al
1979 Semaine Hop Paris 55 (39-40) Nov 18-25
1797-1804 Wm
hydatid cyst, human, primary cystic disease of lung, diagnostic problems, advantages of various diagnostic procedures
- Diagnosis, Cestoda
Edwards GT; Herbert IV
1981 J Helminth 55 (1) Mar 1-7 Wa
Taenia hydatigena, T. ovis, and T. pisiformis adult worms, T. multiceps adults and metacercodes, some quantitative characters used in identification
- Diagnosis, Cestoda
Fabiani A; Trebini F; Torta R
1980 J Neurol London 43 (1) Jan 91-94 Wm
Echinococcus granulosus, children, case reports, cerebral infections, diagnosis by computerized axial tomography: Italy
- Diagnosis, Cestoda
Fitzgerald MD; Jones AW; Tan BD
1970 Tr Am Micr Soc 89 (2) Apr 300-304 Issued
Aug 19 Wa
Hymenolepis nana, H. microstoma, difference in oncospherical hook orientation, taxonomic and diagnostic significance
- Diagnosis, Cestoda
Frings N; Horeysek G; Foerster H
1980 Chirurg 51 (4) Apr 245-246 Wm
Echinococcus granulosus (E. cysticus), male, case report, primary retroperitoneal localization of cyst, associated pleural effusion, diagnosis by ultrasonography and radiography
- Diagnosis, Cestoda
Garbagna P et al
1979 Boll Soc Med-Chir Pavia 93 (1-2) Feb-Mar 1-9 Wm
hepatic echinococcosis, humans, diagnosis, angiography vs. echotomography or computer assisted tomography, applications for relevant surgical therapy

- Diagnosis, Cestoda
Geller IJu; Gorburov GF
1978 Vrach Delo (7) July 148-150 Wm
echinococcosis, humans, errors in diagnosis,
case reviews, clinical report
- Diagnosis, Cestoda
Geller IJu; Perevoznikova NE
1978 Vrach Delo (9) Sept 131-133 Wm
echinococcosis, humans, peripheral blood
values including eosinophilia of little use for
diagnosis
- Diagnosis, Cestoda
Gharbi HA et al
1981 Radiology 139 (2) May 459-463 Wm
Echinococcus granulosus, human, ultrasonic
diagnosis of hepatic cysts, classification of
cysts into 5 evolutionary stages based on
echographic patterns
- Diagnosis, Cestoda
Glumov VIA
1979 Arkh Patologii Moskva 41 (10) 47-48 Wm
alveococcosis, human hepatic infections, histo-
logical diagnosis using aniline gentian stain
- Diagnosis, Cestoda
Goldfarb MG; Gladkov VA; Danilovich IK
1979 Vestnik Rentg i Radiol (4) July-Aug 84-86
Wm
echinococcosis, man, cyst of cellular tissue of
retroperitoneal space, radiologic aspects
- Diagnosis, Cestoda
Gonzalez Toledo EC; Szelagowski JC
1980 J Comput Assist Tomogr 4 (1) Feb 127 Wm
echinococcosis, 18-year-old male, orbital in-
fection with unilateral exophthalmos, diag-
nosed by computer tomography: Argentina
- Diagnosis, Cestoda
Grabbe E; Kern P; Heller M
1981 Tropenmed u Parasitol 32 (1) Mar 35-38 Wa
Echinococcus cysticus, E. alveolaris, human,
diagnostic value of computed tomography
- Diagnosis, Cestoda
Guachalla J et al
1977 Rev Med Chile 105 (11) Nov 789-791 Wm
echinococcosis, man, case report, hepatic
cyst with multiple secondary pulmonary cysts,
radiological diagnosis, surgical therapy:
Puerto Varas, Chile
- Diagnosis, Cestoda
Guillory SL; Zinn KM
1980 Bull N York Acad Med 56 (7) Sept 655-661
Wa
Cysticercus cellulosa, human intravitreal
cysticerci, ultrasonographic and fluorescein
angiographic diagnostic features
- Diagnosis, Cestoda
Gula G et al
1979 Thorax and Cardiovasc Surgeon 27 (6) Dec
393-396 Wm
echinococcosis, humans, cardiac cysts, diag-
nosis by X-ray and electrocardiogram, path-
ology and clinical findings, surgical manage-
ment, case reports
- Diagnosis, Cestoda
ter Haar G
1980 South African Med J 57 (21) May 24 850 Wm
Taenia solium, ingestion of eggs by man results
in cysticercosis with bizarre clinical presen-
tations and confusion in diagnosis, 3 cases
briefly presented: South Africa
- Diagnosis, Cestoda
Haertel M; Fretz C; Fuchs WA
1980 ROEFO 133 (2) Aug 164-170 Wm
Echinococcus cysticus, E. alveolaris, humans,
computer tomography used for differential diag-
nosis and for follow-up assessments after
therapy
- Diagnosis, Cestoda
Halim A; Vaezzadeh K
1980 Brit J Urol 52 (2) Apr 75-78 Wm
echinococcosis, human genitourinary tract,
pathology, diagnosis, surgical management
- Diagnosis, Cestoda
Hall A et al
1981 Parasitology 83 (1) Aug 91-101 Wa
Taenia saginata in Pokot tribesmen, preva-
lence, assessment of reliability of faecal
examination in diagnosis, subjects' awareness
of their own tapeworm infections, forms of
treatment sought or used previously: western
Kenya
- Diagnosis, Cestoda
Harkanyi Z; Torok I
1980 Orvosi Hetilap 121 (30) July 27 1831-1833
Wm
intrahepatic cysts (includes Echinococcus),
diagnosis using gray-scale echography, human
infections
- Diagnosis, Cestoda
Hassine W; Dupuch K; Gharbi HA
1980 J Radiol 61 (5) May 323-327 Wm
hydatid liver disease, children, diagnosis
using ultrasonography
- Diagnosis, Cestoda
Ibrahim MA; Kawanishi H
1981 Gastrointest Endoscopy 27 (1) Feb 20-22 Wm
echinococcosis, woman, hepatic cyst causing
fever, jaundice and cholecystitis, evaluation
using endoscopic retrograde cholangiography:
Michigan, had lived in Turkey
- Diagnosis, Cestoda
Irnberger T
1980 Wien Med Wchnschr 130 (22) Nov 30 718-724
Wm
Echinococcus hydatidosus, human hepatic cysts,
diagnosis, radiographic, sonographic, and com-
puter tomographic appearance vs. that of
Echinococcus alveolaris
- Diagnosis, Cestoda
Ismail MA et al
1980 Clin Radiol 31 (3) May 287-290 Wm
Echinococcus granulosus, humans, diagnosis of
hydatid cysts using computerised axial tomo-
graphy
- Diagnosis, Cestoda
Itzhak Y et al
1980 J Clin Ultrasound 8 (4) Aug 341-345 Wm
echinococcosis, human abdominal cysts, diag-
nosis, use of ultrasound

- Diagnosis, Cestoda
Jain AN; Ramanathan P; Ganatra RD
1980 Clin Nuclear Med 5 (1) Jan 25-28 Wm
hydatid cysts of liver, humans, diagnosis,
liver scans, analysis of 55 cases, comparisons
with results using Casoni's skin test: India
- Diagnosis, Cestoda
Kadlcik K et al
1980 Ceskoslov Epidemiol Mikrobiol Imunol 29
(4) July 247-251 Wa
Taenia saginata, human, diagnosis, comparison
of fecal examination techniques
- Diagnosis, Cestoda
Kandel EI; Vavilov SB; Metelkina LP
1980 Zhurnal Voprosy Neirokhir (6) Nov-Dec 48-50
Wm
Taenia solium causing cerebral cysticercosis,
human, case report, diagnosis using X-ray com-
puted tomography
- Diagnosis, Cestoda
Kasai Y et al
1980 Ann Surg 191 (2) Feb 145-152 Wm
alveolar echinococcosis, human liver, clinical
manifestations and proposed staging, diagnostic
procedures, surgical aspects and outcome,
epidemiological considerations: Japan
- Diagnosis, Cestoda
Kuckein D
1980 Roentgen-Blaetter 33 (8) Aug 414-417 Wm
cysticercosis, humans with intracranial calci-
fications, differential diagnosis using com-
puter assisted tomography, conventional X-ray,
angiography, and other clinical data
- Diagnosis, Cestoda
Kumaratilake LM; Thompson RCA; Dunsmore JD
1979 Ztschr Parasitenk 60 (3) 291-294 Wa
Echinococcus granulosus, E. multilocularis,
inter- and intraspecific differences detected
by isoelectric focusing of cestode soluble
proteins, potential value in speciation of
Echinococcus and in determining biochemical
differences between intraspecific variants
- Diagnosis, Cestoda
Lamas E et al
1978 Acta Neurochir 44 (3-4) 197-205 Wm
cerebral cysticercosis, humans, diagnosis,
computerized axial tomography
- Diagnosis, Cestoda
Lamki LM; Lamki N
1981 Clin Nuclear Med 6 (2) Feb 81-84 Wm
radionuclide imaging used to differentiate
splenomegaly from pseudosplenomegaly associated
with human hydatid hepatic cyst and with amebic
hepatic abscess, case reports, clinical aspects
- Diagnosis, Cestoda
Madeddu G et al
1980 J Nuclear Med 21 (6) June 599-600 Wa
Echinococcus, man, case report, pulmonary cyst
diagnosed using gallium-67 citrate scan,
possible differential diagnostic aid in
endemic areas
- Diagnosis, Cestoda
Magomedov AZ; Deenichin PG; Makhatilov MM
1980 Khirurgiia (1) Jan 36-39 Wm
Echinococcus, humans, diagnostic pathology,
surgical management of cysts perforating into
the biliary tract
- Diagnosis, Cestoda
Martorana G; Giberti C; Pescatore D
1981 J Urol 126 (1) July 99-100 Wa
giant echinococcal cyst of kidney associated
with hypertension, man, case report, definiti-
ve diagnosis using computerized tomography
- Diagnosis, Cestoda
Mervis B; Lotz JW
1980 Clin Radiol 31 (5) Sept 521-528 Wm
Taenia solium, humans, computed tomography is
useful in assessment and diagnosis of acute
parenchymatous cerebral cysticercosis and in
confirming presence of calcifications
- Diagnosis, Cestoda
Milonov OB et al
1979 Khirurgiia (12) Dec 18-24 Wm
echinococcosis, humans, subdiaphragmatic local-
izations, diagnostic pathologic features, diag-
nosis by latex and hemagglutination tests and
by radiography, surgical procedures
- Diagnosis, Cestoda
Milonov OB; Lebedeva OD; Pomelova LA
1980 Sovet Med (4) 62-67 Wm
echinococcosis, alveococcosis, human hepatic
infections, diagnosis, differential diagnosis
using ultrasonics, thermography and electro-
thermometry
- Diagnosis, Cestoda
Mineura K et al
1981 No Shinkei Geka (Neurol Surg) 9 (2) Feb
175-178 Wm
Sparganum mansoni, Korean woman, live intra-
cranial worm surgically removed from brain,
granulomatous lesions seen by brain scan and
computed tomography
- Diagnosis, Cestoda
Morrison IS
1980 Australas Radiol 24 (3) Nov 284-288 Wm
Ultrasonography of cystic liver diseases,
includes human hydatid cysts
- Diagnosis, Cestoda
Nabokov ShA; Vasil'ev RKh
1978 Vestnik Khir 120 (4) Apr 31-35 Wm
alveococcosis, humans, clinico-anatomic
classification based on local and general mani-
festations, localization, anatomic form, and
degree of propagation
- Diagnosis, Cestoda
Nakhla NB et al
1981 J Trop Med and Hyg 84 (3) June 121-124 Wa
E[chinococcus] granulosus, human hepatic in-
fections, use of ultrasonography for diagnosis,
to monitor response to treatment, and for fol-
low-up of treatment, case report
- Diagnosis, Cestoda
Nowak TV; Murphy JV
1978 Wisconsin Med J 77 (3) Mar S32-S34 Wm
cerebral cysticercosis, woman presenting with
epilepsy, clinical aspects, case report, diag-
nosis by axial tomogram: Milwaukee, native of
Mexico
- Diagnosis, Cestoda
Pascal-Suisse P; Peyron JP; Marbot P
1980 Med Trop 40 (2) Mar-Apr 197-210 Wm
ultrasound, principles, techniques, and appli-
cation to diagnosis of human tropical diseases
and parasitic diseases including echinococco-
sis and schistosomiasis

- Diagnosis, Cestoda
Pathak KML; Gaur SNS
1981 Vet Parasitol 8 (1) Feb 95-97 Wa
Cysticercus tenuicollis (Taenia hydatigena), goats (exper.), serum levels of GOT, GPT, and OCT enzymes, possible diagnostic significance
- Diagnosis, Cestoda
Percy AK; Byrd SE; Locke GE
1980 Pediatrics Am Acad Pediat 66 (6) Dec 967-971 Wa
cerebral cysticercosis, 9 children, case evaluations, usefulness of computed tomography in diagnosis, incidence in exposed children apparently higher than previously estimated: United States
- Diagnosis, Cestoda
Permanetter W; Bassermann R; Denecke H
1981 Chirurg 52 (3) Mar 187-189 Wm
Echinococcus cysticus, humans, diagnosis using cytological staining methods, possibility of rapid intra-operative diagnosis
- Diagnosis, Cestoda
Petigny A et al
1980 Semaine Hop Paris 56 (13-14) Apr 8-15 685-687 Wm
multiple hydatidosis, 30-year-old female, case report, cysts involving liver, spleen, and pelvic areas, radiological and surgical aspects of case; suggested use of flubendazole in widespread forms of this disease
- Diagnosis, Cestoda
Picard JD et al
1980 Chirurgie Paris 106 (9) Nov 683-686 Wm
echinococcosis, humans, diagnosis, cyst localization using X-ray computed tomography
- Diagnosis, Cestoda
Polianker ZN
1980 Vestnik Rentg i Radiol (2) Mar-Apr 64-67 Wm
diagnosis of human brain abscesses and cysts using myodil, includes information on echinococcosis
- Diagnosis, Cestoda
Rausch RL; D'Alessandro A; Rausch VR
1981 Am J Trop Med and Hyg 30 (5) Sept 1043-1052 Wa
Echinococcus vogeli larvae in Cuniculus paca and Myocastor coypus, morphology, development, tissue response evoked, differentiation from E. oligarthrus
- Diagnosis, Cestoda
Richard F et al
1980 J Urol Paris 86 (2) 81-94 Wm
urological diseases of the kidney including hydatid cysts, classification of X-ray computed tomographic appearances
- Diagnosis, Cestoda
Rizaev MN et al
1980 Grudn Khirurg (2) Mar-Apr 84-89 Wm
echinococcosis, human pulmonary and/or hepatic, diagnosis, radioisotopes
- Diagnosis, Cestoda
Roemer CE et al
1981 Am J Roentgenol 136 (6) June 1065-1070 Wa
Hepatic cysts: Diagnosis and therapy by sonographic needle aspiration, includes differential diagnosis of echinococcal cysts
- Diagnosis, Cestoda
Salva Verd A et al
1980 Actas Urol Espan 4 (6) 335-338 Wm
retrovesicular hydatid disease, humans, 4 case reports, radiographic diagnosis
- Diagnosis, Cestoda
Santiago AM et al
1980 Actas Urol Espan 4 (2) Mar-Apr 89-92 Wm
hydatid disease, humans, multiple cysts of kidney, case report; use of percutaneous puncture of cyst for diagnostic cystograph and study of hydatid fluid
- Diagnosis, Cestoda
Sapunar J; Tag F
1975 Rev Med Chile 103 (3) Mar 184-188 Wm
hydatidosis, human abdominal infections, lesions as observed via laparoscopy, differential diagnosis
- Diagnosis, Cestoda
Scheid KF et al
1981 ROEFO 134 (4) Apr 357-363 Wm
human pulmonary lesions, diagnosis using computed tomography and densitometry, results correlated with histologic diagnosis, includes some cases of echinococcosis
- Diagnosis, Cestoda
Schlehe H; Karch R
1979 Praxis u Klin Pneumol 33 (10) Oct 1049-1053 Wm
ultrasound diagnosis of shadow areas in proximity to pleura, humans, includes pulmonary echinococcosis
- Diagnosis, Cestoda
Schulze K et al
1980 ROEFO 132 (5) May 514-521 Wm
Echinococcus spp., humans, diagnosis, computer tomography vs. sonography
- Diagnosis, Cestoda
Schulze K et al
1980 Radiologe 20 (7) July 365-372 Wm
Echinococcus cysticus, E. alveolaris, diagnosis using angiography, valuable tool for pre-operative work-ups
- Diagnosis, Cestoda
Sen DK
1980 Acta Opth 58 (1) 144-147 Wm
Cysticercus cellulosae, humans, case reports, cysts in the lacrimal gland, orbit, and eye lid, histopathology, diagnosis
- Diagnosis, Cestoda
Shanley JD; Jordan MC
1980 Arch Int Med Chicago 140 (10) Oct 1309-1313 Wa
Taenia solium, humans, central nervous system, clinical aspects, diagnostic disease patterns, pathology
- Diagnosis, Cestoda
Shibata MK et al
1980 Arq Neuropsiquiat 38 (4) Dec 399-403 Wm
cysticercosis, humans, solitary granulomatous lesions in the brain demonstrated by computed tomography but definitive etiologic diagnosis made only after craniotomy

- Diagnosis, Cestoda
Shraberg D et al
1980 Comput Tomog 4 (4) Oct-Dec 261-266 Wm
Cysticercosis cerebri: Evolution of central nervous system involvement as visualized by computed tomography, monitoring of responses to corticosteroid therapy
- Diagnosis, Cestoda
Skromne-Kadlubik G; Celis C
1981 Arch Neurol 38 (5) May 288 Wm
cysticercosis, human nervous system, diagnostic evaluation by scanning with anti-Cysticercus antibodies labelled with indium 113, these antibodies labelled with iodine 131 used for radioimmunotherapy with good results
- Diagnosis, Cestoda
Skromne-Kadlubik G; Celis C; Ferez A
1977 Ann Neurol 2 (4) Oct 343-344 Wm
cysticercosis of human central nervous system, diagnosis, specific radioimmunoscan
- Diagnosis, Cestoda
Slais J; Vanek M
1980 Ang Parasitol 21 (1) Feb 16-20 Wa
Echinococcus granulosus, hydatid cysts, pigs, differential diagnosis from Taenia hydatigena cysticerci, macroscopic and histological examination, abattoir survey: Warsaw, Poland
- Diagnosis, Cestoda
Slomianko-Winnicka M; Stawarczyk W; Sprogis W
1980 Wiadom Lekar 33 (5) Mar 1 397-400 Wm
cysticercosis, 82-year-old woman, case report, massive muscular infection, radiologic findings: Poland
- Diagnosis, Cestoda
Smyth JD
1979 Symposia Brit Soc Parasitol 17 75-101 Wa
possible application of in vitro culture techniques to (a) identification of trematode metacercariae, (b) identification of taeniid eggs, and (c) determination of strain differences in Echinococcus spp.
- Diagnosis, Cestoda
Steinbrich W; Osswald J
1980 Radiologe 20 (1) Jan 28-30 Wm
echinococcosis, human hepatic cyst, case report, rupture into the bile ducts resulting in cysto-biliary fistula, evaluation by computed tomography and endoscopic retrograde cholangiography
- Diagnosis, Cestoda
Stern WE
1981 J Neurosurg 55 (3) Sept 382-389 Wm
Taenia solium cysticercosis, classification of forms affecting human central nervous system, diagnosis by computed tomography, operative procedures
- Diagnosis, Cestoda
Szebeni A; Tulassay Z
1980 Radiologe 20 (1) Jan 31-34 Wm
Echinococcus cysticus, human hepatic cysts, diagnosis using ultrasonography
- Diagnosis, Cestoda
Treugut H et al
1980 Radiology 137 (1 pt 1) Oct 37-41 Wm
Echinococcus alveolaris, humans, pulmonary involvement, radiologic features, differential diagnosis from other infections, neoplasms and specifically from E. cysticus, diagnosis possible only if based on radiologic changes, laboratory findings and geographic occurrence
- Diagnosis, Cestoda
Walther M; Koske JK
1980 Vet Rec 106 (18-20) May 3 10 17 401-402 Wa
Taenia saginata, calves originating from endemic area, distribution of cysticerci within carcass, efficacy of meat inspection for diagnosing infection: Samburu district of Kenya, East Africa
- Diagnosis, Cestoda
Weirich WL
1979 Am J Surg 138 (6) Dec 805-808 Wm
Echinococcus granulosus, humans, pre-surgical diagnosis using X-ray computed tomography and ultrasonics, hepatic cysts
- Diagnosis, Cestoda
Zee C et al
1980 Radiology 137 (2) Nov 397-407 Wm
cysticercosis, humans, intracranial infections, unusual neuroradiological features, case reports
- Diagnosis, Cestoda
Zee CS et al
1981 Am J Neuroradiol 2 (2) Mar-Apr 189-191 Wm
intraventricular cysticercosis cyst, man, case report, diagnosed using metrizamide ventriculography as adjunct to X-ray computed tomography
- Diagnosis, Cestoda
Zmerli S; Ayed M; Arkam B
1980 J Urol Paris 86 (7) 519-526 Wm
hydatid cysts, humans, kidney, multiple case reviews, ultrasonic diagnosis, surgical management
- Diagnosis, Cestoda
Zudaire Bergera JJ; et al
1980 Actas Urol Espan 4 (4) July-Aug 221-224 Wm
renal hydatidosis, humans, diagnosis, CAT scans, immunoelectrophoresis
- Diagnosis, Nematoda
Acevedo RA et al
1981 Am J Vet Research 42 (3) Mar 537-540 Wa
Dirofilaria immitis and Dipetalonema reconditum in dogs, combination of filtration and histochemical stain for detection and differentiation
- Diagnosis, Nematoda
Avagnina MA et al
1980 Acta Cytol 24 (1) Jan-Feb 36-39 Wa
Strongyloides stercoralis, fatal hyperinfection of immunosuppressed man, cytologic examination of ascitic fluid: Formosa, Argentina
- Diagnosis, Nematoda
Awadzi K; Roulet H; Bell DR
1980 Ann Trop Med and Parasitol 74 (3) June 363-366 Wa
onchocerciasis, standard method for determination of microfilarial density in skin snips
- Diagnosis, Nematoda
Badini A
1979 Pathologica (1014) 71 July-Aug 549-554 Wm
Schistosoma haematobium, cutaneous filariasis, humans, 2 brief case reports, histological diagnosis

- Diagnosis, Nematoda
Barbosa H et al
1980 AMB Rev Ass Med Brasil 26 (5) May 178-180
Wm
Angiostrongylus costarricensis, 10-year-old boy, intestinal infection complicated by jejunal necrosis, clinical aspects, medical and surgical management, differential diagnosis: Sobradinho-DF, Brasil
- Diagnosis, Nematoda
Belosevic M; Dick TA
1980 J Parasitol 66 (1) Feb 88-93 Wa
Trichinella spp., cross-specificity of chemical attraction as possible means of distinguishing between species, strains, and isolates
- Diagnosis, Nematoda
Belsole R; Fenske N
1980 J Hand Surg 5 (2) Mar 178-180 Wm
cutaneous larva migrans, humans, infestations of the upper extremity, case reports, emphasis on differential diagnosis and thiabendazole therapy
- Diagnosis, Nematoda
Boczon K et al
1981 Tropenmed u Parasitol 32 (2) June 109-114
Wa
Trichinella spiralis, human, diagnosis, evaluation of enzymatic and immunological tests (activity of LDH and its isozymic fractions; indirect immunofluorescence test; latex agglutination test; bentonite flocculation test)
- Diagnosis, Nematoda
Bonucci E; Brinkmann UK; Onori E
1979 Tropenmed u Parasitol 30 (4) Dec 489-498
Wa
onchocerciasis, human, prevalence and pathological findings by age and sex, histologic changes in upper layers of dermis compared with macroscopical lesions observed, microfilariae found in number of skin snips although they had been submerged in saline for 24 hours: Southern Togo
- Diagnosis, Nematoda
Brasitus TA et al
1980 Am J Gastroenterol 73 (1) Jan 65-69 Wm
Strongyloides stercoralis, man, invasive parasitic infestation presenting as Crohn's disease or peptic ulcer, differential diagnosis by duodenal aspirations and biopsy, clinical case report, literature review: New York City (native of Dominican Republic)
- Diagnosis, Nematoda
Brujning CFA
1981 Trop and Geogr Med 33 (3) Sept 295-305 Wa
Dirofilaria 'conjunctivae' (European sp. which may be D. repens), woman, ocular infection, differential diagnostic pathology, case review: Netherlands, had vacationed in Spain
- Diagnosis, Nematoda
Cabrerera MA; Suazo AT
1980 Bol Med Hosp Inf Mexico 37 (2) Mar-Apr 195-201 Wm
Toxocara canis, Ascaris, children, diagnosis of visceral larva migrans, immunological tests compared with other methods
- Diagnosis, Nematoda
Cain GD; Raj RK
1980 Exper Parasitol 49 (1) Feb 56-67 Wa
Anisakis, Phocanema, Contraecacum, Sulcascaris, alcohol and malate dehydrogenases from larvae, electrophoresis and thermostability, possible value in identification
- Diagnosis, Nematoda
Chaudhuri B et al
1980 Acta Cytol 24 (4) July-Aug 360-362 Wa
Strongyloides stercoralis, immunosuppressed man, disseminated infestation detected by cytologic examination of sputum, bronchial washing, and brushing: University of Illinois Hospital
- Diagnosis, Nematoda
Chlebowski HO; Zielke E
1980 Tropenmed u Parasitol 31 (2) June 181-193
Wa
Wuchereria bancrofti, rural population, efficacy of repeated diethylcarbamazine treatment and vector control on microfilarial reservoir; experiences with membrane filtration technique under field conditions: Liberia
- Diagnosis, Nematoda
Colaert J; Vandepitte J; Lokombe B
1978 Ann Soc Belge Med Trop 58 (4) Dec 315-320
Wa
Ancylostoma duodenale, Necator americanus, identification in the population using the Harada-Mori test tube culture technique on fecal specimens: Kinshasa, Zaire
- Diagnosis, Nematoda
Collins RC et al
1980 Am J Trop Med and Hyg 29 (1) Jan 35-41 Wa
Onchocerca volvulus, humans, parasitological diagnosis, comparisons of incubation media and incubation times for skin snips
- Diagnosis, Nematoda
Correa LL et al
1979 Rev Inst Adolfo Lutz 39 (2) Dec 145-153
Wa
Ancylostoma duodenale, Necator americanus, humans (feces), prevalence, differential diagnosis: Greater Sao Paulo, Brazil
- Diagnosis, Nematoda
Darlak JJ; Moskowitz M; Kattan KP
1980 Radiol Clin North Am 18 (2) Aug 209-219 Wm
parasites and other causes of hepatic calcifications, humans, diagnosis using abdominal ultrasonography, fluoroscopy, or conventional contrast radiography
- Diagnosis, Nematoda
Darrow JC; Lack EE
1981 J Surg Oncol 16 (3) 219-224 Wm
Dirofilaria immitis causing solitary lung nodule in humans, diagnostic problems, increasing incidence in humans because of expanding geographical range of canine infections; case report. clinical aspects, man: Massachusetts
- Diagnosis, Nematoda
Drozd J
1979 Wiadom Parazytol 25 (2) 171-183 Wa
nematodes, genetic isolation as a criterion defining species

- Diagnosis, Nematoda**
Egwang TG; Slocombe JOD
1981 Canad J Comp Med 45 (3) July 243-248 Wa
nematode eggs, recovery from bovine feces, evaluation of efficiency and sensitivity of several techniques using known numbers of *Haemonchus contortus* eggs added to helminthologically sterile bovine feces
- Diagnosis, Nematoda**
Eisenscher A; Sauget Y
1980 J Radiol 61 (5) May 319-322 Wm
ascariasis, distomiasis, human biliary tract, diagnosis, sonographic patterns
- Diagnosis, Nematoda**
Ellman BA; Wynne JM; Freeman A
1980 Am J Roentgenol 135 (1) July 37-42 Wa
Ascaris lumbricoides, children with intestinal obstruction caused by bolus of *Ascaris* worms, diagnostic features of plain abdominal films, comparison with laboratory studies of *A. suum* in pigs
- Diagnosis, Nematoda**
Ewert A; Smith JH; Corredor A
1981 Am J Trop Med and Hyg 30 (5) Sept 988-991 Wa
Mansonella ozzardi, microfilariae found in human skin biopsies, could lead to confusion with early onchocercal or streptocercal dermatitis
- Diagnosis, Nematoda**
Feldmeier H; Bienzle U; Schuh D
1981 Tr Roy Soc Trop Med and Hyg 75 (2) 251-253 Wa
microfilariae in peripheral blood, combination of techniques for concentration and identification (density gradient centrifugation, membrane filtration, supravital staining procedure)
- Diagnosis, Nematoda**
Fernandez-Cid A; Callot MT; Riba M
1977 Arch Anat et Cytol Path 25 (2) 111-113 Wm
"oxyures," 3 human cases, eggs found in cervico-vaginal smears, diagnosed using a modified Papanicolaou method
- Diagnosis, Nematoda**
Franz M; Renz A
1980 Tropenmed u Parasitol 31 (1) Mar 31-33 Wa
filaria larvae type D, confirmation of light microscopic diagnosis and morphological criteria for differentiation from *Onchocerca volvulus* using scanning electron microscopy. Larvae isolated from *Simulium* caught on man at Mayo Galke River near Tchollire in North Cameroon
- Diagnosis, Nematoda**
Frauenfelder HC; Kazacos KR; Lichtenfels JR
1980 J Am Vet Med Ass 177 (4) Aug 15 359-362 Wa
cerebrospinal nematodiasis, horse, *Setaria* sp. found in cervical spinal cord in association with lesions, history and clinical observations, necropsy and histopathologic findings, diagnosis
- Diagnosis, Nematoda**
Fredericksen DW; Specian RD
1981 J Parasitol 67 (5) Oct 647-655 Wa
Anisakis sp., *Phocanema* sp., *Thynnascaris* sp., value of cuticular fine structure in identification of juvenile anisakine nematodes, ultrastructural details of 3rd stage juvenile of *Ascaris lumbricoides* included for comparison
- Diagnosis, Nematoda**
de Gaetani CF; Sannicola Botticelli C
1981 Arch Anat et Cytol Path 29 (2) 87-89 Wm
Strongyloides stercoralis, man, cytologic diagnosis using bronchial washing material, autoinfection after 30 years of clinically latent infection: Italy (had served in military service in Africa in World War II)
- Diagnosis, Nematoda**
Georgi JR
1979 Proc Helminth Soc Washington 46 (1) Jan 142-145 Issued Mar 14 Wa
Filaroides hirthei, valid species, differentiation from *F. milksi*
- Diagnosis, Nematoda**
Grove DI
1980 Brit Med J (6214) 280 Mar 1 598-601 Wa
Strongyloides stercoralis, prevalence in Allied ex-prisoners of war in south-east Asia, efficacy of various diagnostic methods, clinical manifestations, possible problems associated with immunosuppressed subjects: Australia
- Diagnosis, Nematoda**
Gustavson-Moringlane IL; Bengtsson E
1981 Ann Trop Med and Parasitol 75 (6) Dec 615-621 Wa
filariasis, patients having or suspected of having onchocerciasis or dipetalonemiasis and 2 patients with tropical eosinophilia, level of eosinophilia following provocation with diethylcarbamazine
- Diagnosis, Nematoda**
Hall A
1981 Tr Roy Soc Trop Med and Hyg 75 (5) 682-687 Wa
nematode eggs in human faeces, qualitative reliability of ether sedimentation technique for diagnosis, quantitative variability in egg counts between samples from same stool and between stools collected from same person over 5 day period: Kenya
- Diagnosis, Nematoda**
Hira PR; Patel BG
1980 Trop and Geogr Med 32 (1) Mar 23-29 Wa
Strongyloides fuelleborni, humans, diagnosis in fecal material, culture to free living stage, prevalence compared with *S. stercoralis*, sex and age groups of patients, possibly endemic in man rather than zoonotic: Zambia
- Diagnosis, Nematoda**
Inekwaba FN
1980 J Roy Coll Surgeons Edinburgh 25 (6) Nov 452-456 Wm
Ascaris lumbricoides, humans, diagnostic pathology, surgical emergencies, case reports: Nigeria
- Diagnosis, Nematoda**
Iskander AR; Jørgensen RJ
1980 Acta Vet Scand 21 (3) 330-335 Wa
Dictyocaulus viviparus infective larvae isolated by bile-agar technique, identification
- Diagnosis, Nematoda**
Ito S
1980 Nippon Zyuishi-Kai Zassi (J Japan Vet Med Ass) 33 (9) Sept 424-429 Wa
nematode eggs in bovine feces, identification and counting using Wisconsin sugar centrifugal-flotation technique

- Diagnosis, Nematoda
Jackson GJ et al
1981 Applied and Environment Microbiol 41 (4)
Apr 912-914 Wa
parasitic nematodes, recovery from fish, comparison of digestion and elution methods, fish from San Francisco markets contained more nematodes than fish from Boston markets
- Diagnosis, Nematoda
Kaiser H
1977 Zool Jahrb Jena Abt Syst 104 (1) 20-71 Wa
mermithids, use of biological criteria for diagnosis among closely related species, morphology, systematics, biometry, host specificity
- Diagnosis, Nematoda
Kaiser H; Fachbach G
1977 Zool Jahrb Jena Abt Syst 104 (1) 72-79 Wa
Hexameris spp., species-specific protein patterns shown in tissue homogenates by polyacrylamide disc electrophoresis
- Diagnosis, Nematoda
Kaiser H; Skofitsch G
1981 Zool Jahrb Jena Abt Syst 108 (1) 70-83 Wa
Hexameris sp., *H. lineata*, *Mermis nigrescens*, *Pheromermis* sp., disc electrophoresis of proteins, reactions in gel diffusion tests with antiserum against *Hexameris* sp., correlation of these characters with morphologic and biologic characters, implications for taxonomy and phylogeny of Mermithidae
- Diagnosis, Nematoda
Kale OO
1980 Tr Roy Soc Trop Med and Hyg 74 (5) 693 Wa
onchocerciasis, human, development of hypertrophic scars at sites of skin snips, suggestions for reducing risk
- Diagnosis, Nematoda
Kale OO
1981 Tr Roy Soc Trop Med and Hyg 75 (1) 101-102 Wa
Onchocerca volvulus, human, ways of improving reconstitution method for counting microfilariae in skin snips
- Diagnosis, Nematoda
Kawabata M et al
1980 J Helminth 54 (3) Sept 183-190 Wa
onchocerciasis, distribution and density of microfilariae in skin of Guatemalan patients, implications for diagnosis
- Diagnosis, Nematoda
van Knapen F et al
1980 Vet Parasitol 7 (2) Sept 109-121 Wa
Trichinella spiralis, pigs (exper.), detection of infections, comparison of enzyme-linked immunosorbent assay with trichinoscopy, digestion method, and immunofluorescence technique
- Diagnosis, Nematoda
Langham ME; Richardson R
1981 Tropenmed u Parasitol 32 (3) Sept 171-180 Wa
Onchocerca volvulus, patients with skin snips negative for microfilariae, 2 methods used to clarify diagnosis (histologic and electron microscopic examination of skin for characteristic dermatitis; dermal response to topical application of diethylcarbamazine): Liberia
- Diagnosis, Nematoda
Lapierre J
1980 Semaine Hop Paris 56 (9-10) Mar 8-15 409-413 Wm
Strongyloides stercoralis, humans, manifestations of cutaneous larva migrans, differential diagnosis, cure with single dose thiabendazole
- Diagnosis, Nematoda
Levine SE; Mossler JA; Woodard BH
1980 South Med J 73 (6) June 749-750 Wm
Dirofilaria immitis, man (lung), case report, differential diagnosis from other pulmonary nodules; epidemiologic, morphologic, and clinical features of human infections: North Carolina
- Diagnosis, Nematoda
Lichtenfels JR; Madden PA
1980 Proc Helminth Soc Washington 47 (1) Jan 55-62 Issued Feb 15 Wa
Diocotophyma renale 3rd and 5th (adult) stages, *Eustrongylides* spp. 4th and 5th stages, cephalic papillae described and compared, electron microscopy
- Diagnosis, Nematoda
Lloyd DA
1981 Brit J Surg 68 (7) July 468-473 Wm
Ascaris lumbricoides, children, massive hepatobiliary infestations, problems in radiological diagnosis and surgical management, case reviews: South Africa
- Diagnosis, Nematoda
Lumsden WHR; Evans DA; Kimber CD
1980 Tr Roy Soc Trop Med and Hyg 74 (1) 40-42 Wa
Dipetalonema perstans, microfilaraemia, diagnosis in field using miniature anion-exchange/centrifugation technique, prevalence by locality groups, sex, and age: The Gambia
- Diagnosis, Nematoda
Luxenberg MN
1979 Tr Am Ophth Soc 77 542-602 Wm
Toxocara canis, exper, infection in *Aotes trivirgatus*, clinical manifestations with emphasis on eye infections, various diagnostic tests, evaluation of systemic and intraocular responses with various laboratory and serological tests including the ELISA test, literature review
- Diagnosis, Nematoda
Mikhailova VA; Olinskaia FM
1980 Vestnik Oftal Moskva (6) Nov-Dec 64-66 Wm
onchocerciasis, humans, diagnosis by detection of parasites in the skin and eyes
- Diagnosis, Nematoda
Molina Pasquel C
1979 SPM Salud Pub Mexico 21 (6) Nov-Dec 757-759 Wm
onchocerciasis, humans, diagnostic methods, review
- Diagnosis, Nematoda
Monteoliva M; Hermoso R; Sanchez M
1979 Rev Iber Parasitol 39 (1-4) Jan-Dec 9-17 Wa
Ascaris lumbricoides, biochemical diagnosis, gas chromatography of volatile fatty acids in urine, small gut, and excrement of parasitized and non-parasitized pigs

- Diagnosis, Nematoda
Moraleda L; Diaz G; Israel E
1980 Rev Chilena Pediat 51 (1) Jan-Feb 59-60 Wm
Balantidium coli, Trichuris trichiura, mixed infection, 10-year-old boy, clinical course, importance of differential diagnosis of dysenteric syndromes: Mafil, provincia de Valdivia, Chile
- Diagnosis, Nematoda
Muller R
1979 Symposia Brit Soc Parasitol 17 175-206 Wa
Onchocerca, differentiation of species, intraspecific variation in *O. volvulus*, review
- Diagnosis, Nematoda
Nakata H; Takeda K; Nakayama T
1980 Radiology 135 (1) Apr 49-53 Wm
Anisakis larva, woman, case report, radiological diagnosis of acute gastric anisakiasis, clinical features, removal of larva by endoscopy
- Diagnosis, Nematoda
Oakley GA
1980 Research Vet Sc 29 (3) Nov 395-396 Wa
Dictyocaulus viviparus, calves (exper.), modification of Inderbitzen's lung perfusion method enabled recovery of more lungworms than the modified Baermann technique, possible use for post mortem diagnosis of patent or prepatent infections
- Diagnosis, Nematoda
Omar MS; Nathan MB
1979 Tropenmed u Parasitol 30 (4) Dec 475-476 Wa
Mansonella ozzardi, microfilariae from Trinidad, West Indies, histochemical pattern of acid phosphatase activity, can be used to differentiate from other human microfilariae
- Diagnosis, Nematoda
Pillitt PA; Lichtenfels JR; Madden PA
1979 Proc Helminth Soc Washington 46 (1) Jan 15-20 Issued Mar 14 Wa
Parascaris equorum, horses, description of 4th-, molting 4th-, and early 5th-stage larvae, differentiation of stages and sexes, light and scanning electron microscopy
- Diagnosis, Nematoda
Pratt SE et al
1981 J Am Vet Med Ass 179 (6) Sept 15 592-593 Wa
Dirofilaria immitis, Dipetalonema reconditum, prevalence in dogs, evaluation of criteria used to speciate microfilariae: Missouri
- Diagnosis, Nematoda
Rajamanickam C et al
1981 Southeast Asian J Trop Med and Pub Health 12 (2) June 283-284 Wa
Dirofilaria immitis, dogs suspected to have heartworm infections, diagnostic comparisons of wet smear, Knott centrifuge technique, and a new Difil Kit method: Malaysia
- Diagnosis, Nematoda
Rani S; Beohar PC
1981 Acta Cytol 25 (4) July-Aug 425-426 Wa
Wuchereria bancrofti, 18-year-old male with sickle cell anemia, microfilaria discovered in bone marrow aspirate: central India
- Diagnosis, Nematoda
Rawlings CA et al
1981 J Am Vet Med Ass 178 (11) June 1 1172-1177 Wa
Dirofilaria immitis, dogs, thoracic radiograph as aid in diagnosis and in determining success of adulticide treatment
- Diagnosis, Nematoda
Ruiz-Reyes F
1979 SPM Salud Pub Mexico 21 (6) Nov-Dec 741-745 Wm
onchocerciasis, humans, clinical aspects useful in diagnosis
- Diagnosis, Nematoda
Sankale M et al
1979 Bull Soc Path Exot 72 (3) May-June 265-271 Wa
helminthiasis, Europeans returning from tropical areas, evaluation of hypereosinophilia as diagnostic indicator for parasitic diagnostic workup
- Diagnosis, Nematoda
Schulman A
1977 Am J Gastroenterol 68 (2) Aug 167-170 Wm
Ascaris lumbricoides, Korean woman, case report, clinical and radiological diagnostic aspects of bile duct infestation: California
- Diagnosis, Nematoda
Setasuban P; Dangsupa P
1981 J Med Ass Thailand 64 (2) Feb 69-71 Wm
Necator americanus, Thai strain, human infections, prevalence (mostly female worms), intensity, localization in intestine, diagnosis by direct fecal smear and flotation technique, accuracy of diagnostic findings assessed by fecal egg counts: Thailand
- Diagnosis, Nematoda
Skromne-Kadlubik G et al
1980 Bol Med Hosp Inf Mexico 37 (3) May-June 413-416 Wm
trichinosis, rats (exper.), diagnosis using labelled antibodies; using a lethal dose of labelled antibodies these trichina larvae were radiolysed without damage to host
- Diagnosis, Nematoda
Smith RE
1980 Vet Rec 107 (11) Sept 13 256 Wa
Aelurostrongylus abstrusus, kitten (feces), fenbendazole, need to consider lungworm infection in differential diagnosis of coughing
- Diagnosis, Nematoda
Subrahmanyam M; Belokar WK
1979 Indian J Pediat (382) 46 Nov 417-418 Wm
filariasis, children, diagnosis, pathology: India
- Diagnosis, Nematoda
Tada I et al
1981 Am J Trop Med and Hyg 30 (3) May 593-597 Wa
6 filarial species, use of aceto-orcein-stained squash preparations for enumeration of nuclei in microfilariae
- Diagnosis, Nematoda
Tanaka H; Shibuya T
1980 Japan J Exper Med 50 (5) Oct 393-394 Wa
microfilaraemia, diagnosis, modification of nuclepore filtration technique

Diagnosis, Nematoda

Teuber J; Brehm H; Stumpf J
1979 Immun u Infekt 7 (6) Dec 213-221 Wm
Trichinella spiralis, human, brief review (of history, epidemiology, biology and transmission, immunology, different diagnostic methods); evaluation of modified indirect immunofluorescence test; lymphocyte transformation test, evidence for immunosuppressive effect produced by adult worms

Diagnosis, Nematoda

Urch DL; Allen WR
1980 Equine Vet J 12 (2) Apr 74-77 Wa
Dictyocaulus arnfieldi and intestinal parasites in ponies, donkeys, and foals, efficacy of fenbendazole; haematological parameters, eosinophilia proved useful in detecting lungworm infections in donkeys

Diagnosis, Nematoda

Vargas Carreto G et al
1979 Bol Med Hosp Inf Mexico 36 (5) Sept-Oct 909-917 Wm
Capillaria hepatica, 2-year-old child, differential diagnosis, pathology: Mexico

Diagnosis, Nematoda

Volkheimer G
1981 Leber Magen Darm 11 (2) Apr 94-96 Wm
functional abdominal complaints in humans, intestinal parasites such as Ascaris, Trichuris, and Ancylostoma included as possible etiologies in differential diagnosis

Diagnosis, Nematoda

Wachtel EG; Hudson EA
1980 Brit J Hosp Med 23 (3) Mar 256-258 260 262-265 Wm
usefulness of cytology in diagnosing human infections, includes information on amoebiasis, microfilaria, Toxoplasma, schistosomiasis, and Trichomonas vaginalis

Diagnosis, Nematoda

Wang F; Yang G; Wang X
1980 Chinese Med J 93 (12) Dec 857-860 Wm
Disc electrophoretic studies of hookworms: Preliminary comparison of protein fraction in adult Necator americanus, Ancylostoma duodenale and Ancylostoma caninum, species differentiation

Diagnosis, Nematoda

Wang T et al
1980 Acta Cytol 24 (1) Jan-Feb 40-43 Wa
Strongyloides stercoralis, hyperinfected immunosuppressed 60-year-old male, diagnosis in sputum cytology: Hines VA Medical Center, Hines, Illinois

Diagnosis, Nematoda

Whitaker D; Reed WD; Shilkin KB
1980 Pathology 12 (3) July 483-486 Wm
Loa loa, 47-year-old man who had worked in endemic area, case report, diagnosis, numerous microfilariae found in gastric lavage specimen

Diagnosis, Nematoda

Whitlock HV et al
1980 Vet Parasitol 7 (3) Nov 215-232 Wa
simplified in vitro field screening methods for detection and assay of benzimidazole-resistance in sheep trichostrongylids and horse strongyles, field method for selecting test animals with low egg-counts, method for counting low levels of nematode eggs in faeces, method for recovery of eggs from faeces, method for culture of eggs or 1st-stage larvae to 3rd stage for identification

Diagnosis, Nematoda

Wojcik K et al
1980 Wiadom Lekar 33 (7) Apr 1 523-525 Wm
oxyuriasis of intestinal tract in patients with appendicitis, clinical aspects, diagnostic findings

Diagnosis, Nematoda

Yassin SMA; Garret M
1980 Acta Cytol 24 (6) Nov-Dec 539-544 Wa
Strongyloides stercoralis, 79-year-old Jamaican patient, first report of infection diagnosed in Papanicolaou smear of gastric aspirate, review of literature on parasites encountered in Papanicolaou smear

Diagnosis, Protozoa

Abramo Orrego L et al
1980 Medicina Buenos Aires 40 Suppl (1) 56-62 Wm
Trypanosoma cruzi, diagnosis, exper. study comparing various culture methods and xenodiagnosis

Diagnosis, Protozoa

Abul-Khair MH et al
1981 Ann Surg 193 (2) Feb 221-226 Wm
Entamoeba histolytica, patients with suspected hepatic abscesses, evaluation of ultrasonography for diagnosis, for pinpointing site for therapeutic aspiration of abscess, and for follow-up assessment of therapy, results compared with those of standard diagnostic tests: Egypt

Diagnosis, Protozoa

Aljeboori TI; Evans DA
1980 Tr Roy Soc Trop Med and Hyg 74 (2) 169-177 Wa
Leishmania donovani stocks isolated from children in Iraq, comparison between themselves, with L. donovani isolated in Iran and the Sudan, and with Leishmania sp. (determined to be L. tropica) isolated from viscera of rat caught in Baghdad on basis of electrophoretic isoenzyme patterns

Diagnosis, Protozoa

Aljeboori TI; Evans DA
1980 Tr Roy Soc Trop Med and Hyg 74 (2) 178-184 Wa
Leishmania tropica and L. major both found in human cutaneous leishmaniasis on basis of electrophoretic isoenzyme patterns: Iraq

Diagnosis, Protozoa

Anderson BC
1981 J Am Vet Med Ass 178 (9) May 1 982-984 Wa
Cryptosporidium-like organisms, diarrheic dairy calves, evaluation of fecal flotation, diagnosis; pattern of shedding oocysts in feces: Idaho

Diagnosis, Protozoa

Anez N
1980 Ann Trop Med and Parasitol 74 (5) Oct 561-562 Wa
Trypanosoma rangeli, detection of parasites by induced salivation of infected Rhodnius prolixus on glass slides

Diagnosis, Protozoa

Angus KW et al
1981 Vet Rec 108 (8) Feb 21 173 Wa
cryptosporidium oocysts and yeasts, cattle, differential diagnosis using Grocott-Gomori methanamine silver stained faecal smears taken during field outbreaks of diarrhoea

Diagnosis, Protozoa

Araujo FG; Handman E; Remington JS
[1981] J Protozool 27 (4) Nov 1980 397-400
Issued Mar 11 Wa
Trypanosoma cruzi, qualitative and quantitative variations of carbohydrate determinants on cell surface of 3 developmental stages of 3 parasite strains demonstrated by using lectins with different specificities, results suggest that lectin binding may be useful in characterization of parasite strains

Diagnosis, Protozoa

Araujo FG; Remington JS
1981 J Immunol 127 (3) Sept 855-859 Wm
Trypanosoma cruzi, characterization of stages and strains by analysis of cell membrane components by electrophoresis and immunoprecipitation

Diagnosis, Protozoa

Arnot DE; Barker DC
1981 Molec and Biochem Parasitol 3 (1) May 47-56 Wa
Leishmania SP48, L. tropica major, L. aethiopica, L. tarentolae, kinetoplast DNA sequence homologies, results emphasize danger of constructing rigid Leishmania classification on buoyant density data alone, covalent binding of kDNA electrophoretic separations on diazobenzyloxymethyl paper permits construction of DNA sequence 'library' which can be used in classification and diagnosis of unknown Leishmania isolates

Diagnosis, Protozoa

Askin FB; Katzenstein ALA
1981 Chest 79 (4) Apr 420-422 Wm
Pneumocystis carinii, immunocompromised patients, lung infections masquerading as diffuse alveolar damage, potential source of diagnostic error

Diagnosis, Protozoa

Awan MAQ
1979 Acta Trop 36 (4) Dec 343-347 Wa
Trypanosoma brucei subspecies isolated from game animals, identification by Blood Incubation Infectivity Test: Zambia

Diagnosis, Protozoa

Bader O et al
1979 Wiadom Lekar 32 (6) Mar 15 385-387 Wm
Lamblia intestinalis, humans, diagnosis of clinical forms and of pathology important to surgeons, surgical conditions cured after therapy for recognized giardiasis

Diagnosis, Protozoa

Balasegaram M
1981 Current Problems Surg 18 (5) May 282-340 Wm
Entamoeba histolytica, human hepatic abscess, extensive clinical review (etiology, pathology, clinical manifestations, diagnostic aids, complications, abscess localizations, surgical therapy, prognosis)

Diagnosis, Protozoa

Barker DC; Arnot DE
1981 Molec and Biochem Parasitol 3 (1) May 33-46 Wa
Leishmania SP48, L. tropica major, L. aethiopica, isolated from human cutaneous leishmaniasis, L. tarentolae as model organism, ultrastructure of promastigotes, ultrastructure of isolated kinetoplast DNA, buoyant density analysis of kinetoplast and nuclear DNA, application to identification and taxonomy

Diagnosis, Protozoa

Barretto MP; Ribeiro RD; Ferriolli Filho F
1980 Rev Brasil Biol 40 (2) May 387-391 Wa
Trypanosoma cruzi, 50 strains isolated from Didelphis marsupialis aurita and D. a. azarae, diagnosis, characteristics and infection patterns studied in laboratory animals and triatomines: Estado de Sao Paulo

Diagnosis, Protozoa

Baumelou A et al
1979 Semaine Hop Paris 55 (37-38) Nov 8-15 1705-1708 Wm
Plasmodium falciparum, humans, severe forms with unusual presentations, differential diagnosis, case reports, principles of treatment and prophylaxis: France, after visits to various African nations

Diagnosis, Protozoa

Bekerman C et al
1980 Seminars Nuclear Med 10 (3) July 286-301 Wm
Gallium-67, principal diagnostic tool for evaluating pulmonary inflammatory diseases such as Pneumocystis carinii

Diagnosis, Protozoa

Benoit M; Salembier Y; Dei-Cas E
1980 Lille Med 25 (1-2) Jan-Feb 43-44 Wm
Entamoeba histolytica, man, hepatic amebic abscess diagnosed by pathological examination of surgically removed specimen, diagnosis prior to surgery had been inconclusive: France, had resided in Senegal

Diagnosis, Protozoa

Bergeland ME; Johnson DD; Shave H
1979 Proc 22 Ann Meet Am Ass Vet Lab Diagn (San Diego California Oct 28-30 1979) 131-138 Wa
Cryptosporidia [sp.], diarrheal calves (ileum, feces), monthly incidence, mixed infections (bacteria and viruses), direct smear technique vs. histologic examination, diagnosis: South Dakota; Minnesota; Iowa; Nebraska; North Dakota

Diagnosis, Protozoa

Berland B; Højgaard DP
1981 J Parasitol 67 (4) Aug 598-599 Wa
Eimeria clupearum in Micromesistius poutassou (liver), IKI-solution used for flotation of oocysts and precipitation of oil from fish liver: Faeroe (N-Atlant.) fishing grounds

- Diagnosis, Protozoa
Boch J
1980 Berl u Munchen Tierarztl Wchnschr 93 (19)
Oct 1 385-394 Wa
Toxoplasma gondii, domestic animals, prevalence, diagnosis, life cycle, hygienic importance, review
- Diagnosis, Protozoa
Boid R et al
1981 Trop Animal Health and Prod 13 (3) Aug
141-146 Wa
Trypanosoma evansi, goats, sheep, and camels examined with 3 parasitological tests and enzyme immunoassay, trypanosomes found only from camels, antibodies found in all 3 host species, possible epidemiological significance in relation to camel trypanosomiasis; Eastern Sudan
- Diagnosis, Protozoa
Borst P et al
1980 Molec and Biochem Parasitol 1 (4) Aug 221-246 Wa
Trypanosoma spp., characterization of non-kinetoplast DNA by restriction endonuclease digestion, can be used to differentiate species or even strains but not antigenic variants
- Diagnosis, Protozoa
Borst P et al
1980 Biochim et Biophys Acta 610 (2) Dec 11
197-210 Wm
Trypanosoma brucei, variations in maxi-circle and mini-circle sequences in kinetoplast DNAs from different strains, results could be useful in determining how closely two strains are related and as sensitive tags for individual strains
- Diagnosis, Protozoa
Borst P; Fase-Fowler F; Gibson WC
1981 Molec and Biochem Parasitol 3 (2) June
117-131 Wa
Trypanosoma brucei gambiense, T. b. rhodesiense, T. b. brucei, quantitation of genetic differences by restriction enzyme analysis of kinetoplast DNA, these 3 variants are so closely related that they cannot be distinguished on this basis alone
- Diagnosis, Protozoa
Brandborg LL et al
1980 Gastroenterology 78 (6) June 1602-1614 Wa
Giardia lamblia, man who had vacationed in Tahiti, case report; discussion of traveler's diarrhea and giardiasis (epidemiology, pathogenesis, diagnosis, asymptomatic infections, pathology, G. muris in mouse model, treatment)
- Diagnosis, Protozoa
Brauns I; Perlewitz J; Anger G
1980 Ztschr Ges Innere Med 35 (23) Dec 1 851-853 Wm
human malaras introduced into Germany, differential diagnosis, diagnostic problems
- Diagnosis, Protozoa
Bronia DI et al
1980 Medicina Buenos Aires 40 Suppl (1) 154-158 Wm
Trypanosoma cruzi, Tulahuén, ES, and Brazil strains, comparison of fatty acid composition of total cellular lipids and lipid fractions, not a useful criterion for taxonomic identification
- Diagnosis, Protozoa
Bruchac D et al
1979 Bratisl Lekar Listy 72 (4) Oct 420-424 Wm
trichomoniasis, incidence of vaginal infections in pre-operative patients (most frequent in ages 26-45), diagnosis by microscopic, colposcopic, and culture examinations, importance of diagnosis prior to gynecological surgical procedures
- Diagnosis, Protozoa
Bueno H; Parrish L
1981 Am J Proctol Gastroenterol and Colon and Rectal Surg 32 (3) Mar 6 28 Wm
Entamoeba histolytica, Balantidium coli and other human intestinal protozoa, diagnosis, Bueno-Parrish technique for specimen preparation, superficial biopsy, and fecal examination
- Diagnosis, Protozoa
Cabral HR
1980 Medicina Buenos Aires 40 Suppl (1) 247-250 Wm
Trypanosoma cruzi, humans, diagnosis, early detection method
- Diagnosis, Protozoa
Carosi G et al
[1980] Riv Parassitol Roma 39 (2-3) 1978
49-62 Issued Jan Wa
Acanthamoeba castellanii, A. rhyssodes, A. polyphaga, analysis of cystic forms, possible use in differential diagnosis of strains isolated from environment or from human infections, electron microscopy
- Diagnosis, Protozoa
Carranza C et al
1980 Rev Med Chile 108 (11) Nov 1002-1010 Wm
Chagas disease, humans, subclinical cardiovascular infections, non-invasive diagnostic tests (EKG, chest X-ray etc.) are useful
- Diagnosis, Protozoa
Cayea PD; Rubin E; Teixidor HS
1981 Am J Roentgenol 137 (1) July 51-55 Wa
atypical pulmonary malaria, usually caused by P[lasmodium] falciparum, humans, radiologic diagnostic aspects, clinical management, case reviews
- Diagnosis, Protozoa
Cerva L
1980 Science (4464) 209 Sept 26 1541 Wa
Naegleria fowleri in axenic cultures, trimethoprim inhibits growth of nonvirulent strains but does not affect virulent strains, differences in sensitivity constitute possibility of simple selection of environmental isolates, pathogenicity and virulence of Naegleria spp. may be connected with metabolism of folic acid
- Diagnosis, Protozoa
Chamorro-Mera C; Hurtado-Lopez M; Angel-Arango E
1979 Rev Interam Radiol 4 (2) Apr 63-73 Wm
Toxoplasma gondii, clinical, radiological, and pathological findings of 44 cases, intracranial calcification of diagnostic significance, mostly males and neonates affected
- Diagnosis, Protozoa
Chance ML
1979 Symposia Brit Soc Parasitol 17 55-74 Wa
Leishmania, identification, review: morphology, DNA buoyant density, DNA-RNA hybridization, enzyme electrophoresis

- Diagnosis, Protozoa
Charet P et al
1980 Comp Biochem and Physiol 65B (3) 519-524
Wa
Plasmodium yoelii nigeriensis, P. chabaudi, aminopeptidases, physicochemical properties; inhibition by chloroquine, quinacrine, and primaquine, but less so by quinine; species differences in isoenzyme profile
- Diagnosis, Protozoa
Chaves FJZC et al
1977 Am J Gastroenterol 68 (3) Sept 273-277 Wm
E[ntamoeba] histolytica, laboratory and chest X-ray findings in 56 human cases with hepatic abscesses, diagnostic significance especially in endemic areas where more sophisticated facilities are not available: Luanda
- Diagnosis, Protozoa
Chevrier L et al
1979 Bull Acad Vet France 132 n s 52 (4) Nov-Dec 483-489 Wa
Babesia and equine infectious anemia in horses, differential diagnosis, clinical aspects and hematological and serological analyses compared; both diseases can co-exist in same animal
- Diagnosis, Protozoa
Chigot JP et al
1981 Med & Chir Digest 10 (1) 61-64 Wm
hepatic amoebic abscesses, humans, multiple case reviews, diagnostic and therapeutic problems: France
- Diagnosis, Protozoa
Chizynski Z; Dworniak D; Tkacz B
1979 Wiadom Lekar 32 (6) Mar 15 399-401 Wm
toxoplasmosis, human generalized lymphonodular form, case report, differential diagnosis
- Diagnosis, Protozoa
Cintado Bueno C et al
1980 An Espan Pediat 13 (2) Feb 119-126 Wm
Leishmania donovani, children under 6 years of age, etiologic, clinical, evolutive, and therapeutic aspects, importance of visualizing leishmanias by bone marrow puncture for true diagnosis: province of Seville, Spain
- Diagnosis, Protozoa
Coelle H et al
1980 Leber Magen Darm 10 (2) Apr 111-114 Wm
amoebiasis, patients, ultrasonic diagnosis and control of hepatic abscesses, case reviews
- Diagnosis, Protozoa
Collins AT; Cromwell LD
1980 J Comput Assist Tomogr 4 (3) June 326-329 Wm
congenital cerebral toxoplasmosis, infants, diagnosis using computed tomography: Washington
- Diagnosis, Protozoa
Cordova AR et al
1980 Bol Asoc Med Puerto Rico 72 (2) Feb 81-87 Wm
Pneumocystis carinii, 27-year-old woman after renal transplant, diagnosis by transbronchial biopsy, case report, literature review
- Diagnosis, Protozoa
Costa A et al
1980 Rev Pediat (Pediat) Bucuresti 29 (1) 51-57 Jan-Mar Wm
Pneumocystis carinii, humans, pneumonia, diagnosis, detection of parasite in laryngo-tracheal secretions, best results obtained if secretions are taken during acute stage of infection: Oradea Children's Hospital
- Diagnosis, Protozoa
Croft SL; Chance ML; Gardener PJ
1980 Ann Trop Med and Parasitol 74 (6) Dec 585-589 Wa
Endotrypanum, 7 strains, ultrastructural and biochemical (nuclear and kinetoplast DNA buoyant density; enzyme electrophoresis) characterization, division into 2 taxonomic units but separation does not agree with original identification as E. schaudinni or E. monterogeei, stock isolated from Lutzomyia trapidoi was identified as Endotrypanum sp.
- Diagnosis, Protozoa
Cruz I; Borges A; Mota JCB
1979 Acta Med Portug 1 (1) Jan-Feb 79-87 Wm
Entamoeba histolytica, man, hepatic abscess, differential diagnosis, clinical management, diagnosis confirmed and therapy followed using X-ray computed tomography and ultrasonography: Portugal
- Diagnosis, Protozoa
Daggett PM et al
[1981] J Protozool 27 (4) Nov 1980 353-361
Issued Mar 11 Wa
method for coding data on protozoan strains for computers
- Diagnosis, Protozoa
Darlak JJ; Moskowitz M; Kattan KP
1980 Radiol Clin North Am 18 (2) Aug 209-219 Wm
parasites and other causes of hepatic calcifications, humans, diagnosis using abdominal ultrasonography, fluoroscopy, or conventional contrast radiography
- Diagnosis, Protozoa
DeCock KM; Calder JF
1981 Tr Roy Soc Trop Med and Hyg 75 (5) 632-636 Wa
ultrasonic diagnosis of abdominal disease, including amoebic liver abscess and hydatid cyst: Kenya
- Diagnosis, Protozoa
De Jonckheere JF
1980 Applied and Environment Microbiol 39 (4) Apr 681-685 Wa
Acanthamoeba, 36 strains belonging to 19 different species, Comandonia operculata, one strain, comparison of temperature tolerance, ability to grow in axenic medium, cytopathic effect in cell culture, and virulence in mice, attempt to provide methods for specific isolation and identification of pathogenic strains
- Diagnosis, Protozoa
Delcourt JN et al
1979 Arch Fr Pediat 36 (9) Nov 873-884 Wm
Pneumocystis carinii, immunocompromised children, retrospective study of 33 cases to define optimal management, endobronchial brushing recommended as simple, effective, and rapid diagnostic method

- Diagnosis, Protozoa**
Delemarre-van de Waal HA; de Waal FC
1981 Nederl Tijdschrift Geneesk 125 (10) Mar 7
375-377 Wm
Plasmodium falciparum, child who had never travelled outside the Netherlands but who had slept on boat in area very near to Amsterdam airport, probably infected by bite of Anopheles imported by aircraft from a tropical endemic area; differential diagnosis, diagnostic alert
- Diagnosis, Protozoa**
Dennig HK et al
1980 Berl u Munchen Tierarztl Wchnschr 93 (19)
Oct 1 373-379 Wa
Babesia canis, B. gibsoni, morphology, epidemiology, symptoms, diagnosis, therapy, and prophylaxis, review: Federal Republic of Germany and West Berlin
- Diagnosis, Protozoa**
Desmonts G
1979 Rev Med Chile 107 (1) Jan 42-50 Wm
Toxoplasma, study of 1,200 infected pregnant women considered at risk of giving birth to a congenitally infected child, treatment with spiramycin, percentage of congenital transmissions, severity of infection depends mainly on date in pregnancy when maternal infection was acquired
- Diagnosis, Protozoa**
Despommier DD
1981 Bull N York Acad Med 2 s 57 (3) Apr 212-216 Wa
Entamoeba histolytica, human, intestinal and extraintestinal amebiasis, laboratory diagnosis, symposium presentation
- Diagnosis, Protozoa**
Dewbury KC et al
1980 Brit J Radiol (636) 53 Dec 1160-1165 Wa
ultrasound in the diagnosis of early liver abscesses, humans, includes Entamoeba histolytica as causative organism
- Diagnosis, Protozoa**
Dillmann JSS; Townsend AJ
1979 Acta Trop 36 (4) Dec 349-356 Wa
trypanosomiasis survey of wild animals, comparative efficiency of various diagnostic methods: Zambia
- Diagnosis, Protozoa**
Drouin TE; Mahrt JL
1979 Canad J Zool 57 (10) Oct 1915-1921 Wa
Sarcocystis [sp.], prevalence in birds, unsuccessful attempts to complete life cycle, reliability of histological diagnosis of infections in host muscle
- Diagnosis, Protozoa**
Duvallet G et al
1979 Nouv Presse Med 8 (3) Jan 20 214-215 Wm
African trypanosomiasis, humans, diagnosis, haematocrit centrifugation technique
- Diagnosis, Protozoa**
Eggleston FC; Verghese M; Handa AK
1980 Trop Doctor 10 (4) 160-168 Wm
Amoebic perforation of the bowel, humans, diagnosis and management
- Diagnosis, Protozoa**
Emerson RG et al
1981 Pediatrics 67 (5) May 653-655 Wa
toxoplasmosis, neurological infection in immunologically compromised 10-year-old girl, early detection and prolonged therapy (sulfadiazine and pyrimethamine) resulted in favorable outcome, computed tomography scanning may be useful in diagnosis and follow-up
- Diagnosis, Protozoa**
Erber M; Geisel O
1981 Ztschr Parasitenk 65 (3) 283-291 Wa
Sarcocystis equicanis, S. fayeri, horses (muscles), abattoir survey, prevalence by host age group, isolation and differentiation of sarcocysts in fresh preparations and by histopathological examination, morphology, experimental infection in dogs, ponies subsequently infected showed no clinical signs but showed different developmental stages of both species of sarcocysts in muscles
- Diagnosis, Protozoa**
Etkind P et al
1980 J Parasitol 66 (1) Feb 107-110 Wa
Babesia microti, comparison of various techniques for diagnosing infection in naturally infected wild rodents
- Diagnosis, Protozoa**
Ewers HR
1981 Deutsche Med Wchnschr 106 (6) 181-184 Wa
Entamoeba histolytica, humans, diagnostic pathology, differential diagnosis from other pathogenic and non-pathogenic species, review
- Diagnosis, Protozoa**
Farri TA et al
1980 Tr Roy Soc Trop Med and Hyg 74 (5) 672-673 Wa
Entamoeba histolytica, electrophoretic studies of hexokinase of isoenzyme groups I to IV
- Diagnosis, Protozoa**
Felgner P et al
1981 Tropenmed u Parasitol 32 (3) Sept 134-140 Wa
Trypanosoma brucei gambiense, human, prevalence by age and sex, parasitological examination (hematocrit centrifugation technique, subinoculation into Mastomys natalensis, miniature anion exchange centrifugation method), immunodiagnostic examination (enzyme-linked immunosorbent assay, indirect immunofluorescent test, radial immunodiffusion for IgM concentrations): Ivory Coast; Upper Volta
- Diagnosis, Protozoa**
Felman YM; Nikitas JA
1980 N York State J Med 80 (5) Apr 781-783 Wm
diagnosis and treatment of sexually transmitted diseases, equipment necessary to set up a physician's office, includes information on trichomoniasis and scabies
- Diagnosis, Protozoa**
Fistein B; Chowdhury MNH
1980 Ann Trop Med and Parasitol 74 (2) Apr 251-253 Wa
Trypanosoma cruzi, detection of flagellates in fluid obtained by puncturing Rhodnius prolixus shortly after completion of infected blood meals, suggested as possible adjunct to xenodiagnosis

- Diagnosis, Protozoa
Fouts AC; Kraus SJ
1980 J Infect Dis 141 (2) Feb 137-143 Wa
Trichomonas vaginalis, 400 women, evaluation of clinical observations, Donne's wet-mount preparation, and 2 culture systems for diagnosis: DeKalb County, Georgia
- Diagnosis, Protozoa
Francois J
1981 J Franc Ophtal 4 (2) 157-165 Wm
toxoplasmosis, human congenital infections, delayed pathologic developments in eye, differential diagnosis
- Diagnosis, Protozoa
Franquelo Villalonga E et al
1980 Rev Espan Enferm Apar Digest 57 Mar suppl 3 52-57 Wm
Giardia lamblia, man, case report, parasitic duodenitis diagnosed by endoscopy
- Diagnosis, Protozoa
Furtado T
1980 An Brasil Dermat 55 (2) Apr-June 81-86 Wm
American cutaneous leishmaniasis, human, diagnosis, review: detection of organisms, skin tests, complement fixation, indirect immunofluorescence
- Diagnosis, Protozoa
Galbraith RM et al
1980 Tr Roy Soc Trop Med and Hyg 74 (1) 52-60 Wa
Plasmodium falciparum, evaluation of several methods for recognition of pigment and parasites in human placenta
- Diagnosis, Protozoa
Garcia LS; Brewer TC; Bruckner DA
1979 Am J Med Tech 45 (11) Nov 932-935 Wm
intestinal protozoa, recovery and identification in fecal specimens, comparison of formalin-ether concentration and trichrome-stained smear methods
- Diagnosis, Protozoa
Garcia LS; Voge M
1980 Am J Med Tech 46 (11) Nov 821-836 Wa
Diagnostic clinical parasitology. II. Identification of the intestinal protozoa
- Diagnosis, Protozoa
Garcia LS; Voge M
1981 Am J Med Tech 47 (1) Jan 21-27 Wa
protozoa, humans (blood), recovery and identification
- Diagnosis, Protozoa
Garcia Fernandez P
1979 Rev Iber Parasitol 39 (1-4) Jan-Dec 341-351 Wa
Babesia spp., bovine, comparison of morphological differences, good criteria for clinical diagnosis
- Diagnosis, Protozoa
Gaupp RJ; Schreiber MH
1980 Current Problems Diag Radiol 9 (2) Mar-Apr 1-59 Wm
simulators of colonic carcinoma in humans, differential diagnosis, includes section on Entamoeba histolytica
- Diagnosis, Protozoa
Gautam OP; Thawrani YP; Mathur PS
1980 Indian Pediat 17 (6) June 511-514 Wm
Plasmodium vivax, P. falciparum, differing diagnostic patterns of infection in children, clinical pathology: India
- Diagnosis, Protozoa
Geelhoed GW et al
1979 Am Surg 45 (5) May 293-304 Wm
Pneumocystis carinii, clinical and pathological findings in 80 patients, differential diagnosis, medical management: National Cancer Institute, Bethesda
- Diagnosis, Protozoa
Genc S; Ulker M; Mercangoz F
1979 Mikrobiyol Bul 13 (1) Jan 27-33 Wm
Trichomonas vaginalis, women with vaginitis, diagnosis by culture and direct microscopic examination, incidence survey
- Diagnosis, Protozoa
Gerber JE et al
1981 J Clin Microbiol 13 (1) Jan 236-237 Wa
Plasmodium vivax, exflagellation of merozoocytes in human peripheral blood, diagnostic implications
- Diagnosis, Protozoa
Gibson WC; Lumsden WHR
1980 Tr Roy Soc Trop Med and Hyg 74 (5) 688 Wa
Trypanosoma brucei, isoenzyme electrophoretic characterization of ETat and AnTat serodemes
- Diagnosis, Protozoa
Gibson WC; Marshall TFC; Godfrey DG
1980 Advances Parasitol 18 175-246 Wa
Trypanosoma (Trypanozoon), numerical analysis of enzyme polymorphism, new approach to epidemiology and taxonomy with proposals for working nomenclature with 6 "groupings"; "T. b. brucei, T. b. rhodesiense, T. b. gambiense and T. evansi should be united under one name, T. brucei."
- Diagnosis, Protozoa
Gilman R et al
1980 Gastroenterology 78 (3) Mar 435-439 Wa
Entamoeba histolytica, detection in rectal biopsies, comparison of direct and indirect fluorescent antibody techniques with 4 conventional stains
- Diagnosis, Protozoa
Godfrey DG
1979 Symposia Brit Soc Parasitol 17 31-53 Wa
Trypanosoma, significance of zymodemes (enzymically different groupings), review
- Diagnosis, Protozoa
Gregory MW et al
1980 Vet Rec 106 (22) May 31 461-462 Wa
Eimeria spp., lambs, analysis of cases from England and Wales 1978-1979, criteria used in diagnosis
- Diagnosis, Protozoa
Grines C et al
1981 Arch Int Med Chicago 141 (7) June 935 Wa
Toxoplasma gondii, 2 patients with Hodgkin's disease, Toxoplasma meningoencephalitis with hypoglycorrhachia, diagnostic problems in immunocompromised host

Diagnosis, Protozoa

Habibullah CM et al
1980 J Ass Physicians India 28 (7) July 177-179
Wm
Study of alpha-1-antitrypsin activity in liver diseases, elevated levels in patients with amoebic liver abscesses, useful in differential diagnosis

Diagnosis, Protozoa

Hall JE; Seed JR
1981 Comp Biochem and Physiol 69B (4) 791-796
Wa
Trypanosoma brucei gambiense, acutely infected mice, quantitation of aromatic amino acid catabolites in urine (presumably resulting from trypanosome catabolism although induction of host pathways may contribute), metabolic disturbance could contribute to pathogenesis of trypanosomiasis, may also prove to be useful diagnostically

Diagnosis, Protozoa

Harry OG
1979 J Invert Path 34 (2) Sept 203-205 Wa
Trichodina [sp.], recognition technique, immersion of invertebrate host in suspension of killed yeast cells stained with Congo red

Diagnosis, Protozoa

Hasleton PS; Curry A; Rankin EM
1981 J Clin Path 34 (10) Oct 1138-1146 Wa
Pneumocystis carinii pneumonia, 18-year-old male with diffuse lymphocytic lymphoma, case review; light and electron microscopic features, life cycle, possible role of electron microscopy in early diagnosis

Diagnosis, Protozoa

Hayashi K et al
1979 Rinsho Hoshasen (Japan J Clin Radiol) 24 (13) Dec 1443-1449 Wm
Pneumocystis carinii, humans with histologically proven pneumonia, pathology as manifested radiologically

Diagnosis, Protozoa

Healy GR; Ruebush TK II
1980 Am J Clin Path 73 (1) Jan 107-109 Wa
Babesia microti, description of morphologic characteristics seen in Giemsa-stained human blood smears, differentiated from Plasmodium spp. by presence of pigment deposits in erythrocytes parasitized with older stages of Plasmodium

Diagnosis, Protozoa

Hecker H
1980 Path Research and Pract 166 (2-3) 203-217
Wm
Trypanosoma brucei subgroup and other trypanosomes, morphometric differentiations, possible applications to study of cell biology, physiology, and pathologic effects, general review

Diagnosis, Protozoa

Heine J
1981 Berl u Munchen Tierarztl Wchnschr 94 (6) Mar 15 103-104 Wa
Cystoisospora spp., mice (exper.), diagnosis of dormozoites in organs using trypsin digestion method

Diagnosis, Protozoa

Henry MC et al
1981 Ann Soc Belge Med Trop 61 (1) Mar 79-92
Wa
Trypanosoma brucei gambiense, humans, evaluation of various field techniques used in diagnosis: Zaire

Diagnosis, Protozoa

Hermier M et al
1981 Pediatrie Lyon 36 (3) Apr-May 211-216 Wm
Isospora hominis, child, extended severe infection, case review; differential diagnosis, diagnostic alert for physicians, pathology, therapy with fansidar: France

Diagnosis, Protozoa

Herrer A; Christensen HA
1980 Am J Trop Med and Hyg 29 (6) Nov 1196-1200
Wa
Leishmania braziliensis in Choloepus hoffmanni (skin, blood, liver, spleen, bone marrow, lung tissues) in relation to host age, nature and course of infection, improved detection of natural infections resulting from increased tissue sampling in culture techniques, considered to be principal reservoir host: Panama

Diagnosis, Protozoa

Hickerton JP; Jones TW
1981 Ann Trop Med and Parasitol 75 (4) Aug 473-474 Wm
Babesia rodhaini, B. microti, B. muratovi (= Nuttallia musculi), serological differentiation with fluorescent antibody staining technique

Diagnosis, Protozoa

Hinaidy HK
1980 Wien Tierarztl Monatsschr 67 (2) Feb 54-55
Wa
Sarcosporidia, detection in slaughtered cattle using simplified homogenization method

Diagnosis, Protozoa

Hinaidy HK
1981 Zentralbl Vet-Med Reihe B 28 (2) 146-160
Wa
Babesia divergens, identification in 26 splenectomized cattle experimentally infected with blood from chronic natural cases in Austria, morphometric and morphological studies, identification confirmed through demonstration of Ixodes ricinus as sole vector in Austria and absence of plugging of cerebral cortex capillaries with parasitized erythrocytes

Diagnosis, Protozoa

Hipp SS et al
1979 Sex Transmit Dis 6 (4) Oct-Dec 235-238 Wm
Trichomonas vaginalis, women, diagnosis, screening for infection by use of acridine orange fluorescent microscopy, test adapted for delayed examination of specimens (mailed-in vs on-site wet mount)

Diagnosis, Protozoa

Hockmeyer WT; Kager PA; Rees P
1980 Trop Dis Research Ser (3) 273-274 Wm
Leishmania donovani, human, cultivation of parasites obtained from splenic aspirates as aid in diagnosis and treatment of kala-azar, workshop presentation

Diagnosis, Protozoa

Hotho H
1977 Arch Geschwulstforsch 47 (5) 455-461 Wm
Trichomonas vaginalis, human vaginal infection, diagnosed by Papanicolaou smear, possible associations with vaginal cancer and other atypical cell alterations

Diagnosis, Protozoa

Irazusta Goena M et al
1980 Rev Espan Enferm Apar Digest 57 (6) June 683-690 Wm
Entamoeba histolytica, human hepatic abscesses, case reports, diagnosis by various radiographic methods, clinical aspects, therapy: Espana

Diagnosis, Protozoa

Joishy SK; Lopez CG
1980 Am J Hematol 8 (2) 221-229 Wm
Plasmodium falciparum, transfusion-induced infection in splenectomized beta-thalassemia major child, clinical case report; suggested guidelines to help prevent transfusion-induced malaria, index of suspect signs and symptoms as key to diagnosis

Diagnosis, Protozoa

Jokipii L; Jokipii AMM
1980 Ann Trop Med and Parasitol 74 (1) Feb 93-95 Wa
Giardia lamblia, recovery from human duodenal mucus using a home-made pearl-fishing device

Diagnosis, Protozoa

Kilgour V
1980 Molec and Biochem Parasitol 2 (1) Oct 51-62 Wa
Trypanosoma brucei subsp., bloodstream and culture forms compared with respect to electrophoretic mobilities and activities of 11 enzymes

Diagnosis, Protozoa

Klimanskaia EV et al
1980 Voprosy Okhr Materinstva i Detstva 25 (8) Aug 16-21 Wm
[Pneumocystis carinii], children with chronic bronchopulmonary diseases, differential diagnosis by direct examination most successful

Diagnosis, Protozoa

Knap J; Maslowski W
1980 Wiadom Lekar 33 (17) Sept 1 1391-1394 Wm
toxoplasmosis, human acquired infection, case report, diagnostic and therapeutic difficulties

Diagnosis, Protozoa

Knowles G; Sanderson A; Walliker D
1981 Exper Parasitol 52 (2) Oct 243-247 Wa
Plasmodium yoelii yoelii, Plasmodium yoelii nigeriensis, new electrophoretic variants of adenosine deaminase which differentiate these 2 subspecies, genetic analysis of crosses between these 2 subspecies

Diagnosis, Protozoa

Kremer M; Chaker E; Molet B
1979 Bull Soc Path Exot 72 (4) Mar-Apr 178-182 Wa
Entamoeba histolytica, humans, diagnosis, differential characters of vegetative forms of amoebae vs. cells found in feces of patients with recto-colitis of other causes, importance of fecal culture as well as direct examination

Diagnosis, Protozoa

Kreutzer RD; Christensen HA
1980 Am J Trop Med and Hyg 29 (2) Mar 199-208 Wa
Leishmania spp., characterization of species and strains by isozyme patterns on cellulose acetate electrophoresis

Diagnosis, Protozoa

Kreutzer RD; Sousa OE
1981 Am J Trop Med and Hyg 30 (2) Mar 308-317 Wa
Trypanosoma spp., isozyme patterns, cellulose acetate electrophoresis, variability between species and strains, potential for rapid trypanosome isolate identification, some indication that isozyme types were associated with geographical distribution

Diagnosis, Protozoa

Kubic P; Levitt C; Coccia P
1980 Minnesota Med 63 (3) Mar 161-163 Wm
Plasmodium falciparum, children who had travelled to or lived in endemic areas, emphasis on need for early diagnosis and prompt therapy to avoid fatal illnesses: Minnesota

Diagnosis, Protozoa

Kunstyr I; Naumann S
1981 Ztschr Versuchstierk 23 (4) 255-257 Wa
Eimeria caviae, guinea pigs, symptoms, emphasis on diagnosis

Diagnosis, Protozoa

Lainson R; Miles MA; Shaw JJ
1981 Ann Trop Med and Parasitol 75 (2) Apr 251-253 Wa
Leishmania, enzyme electrophoresis of several viscerotropic stocks, variations were minor and suggest that any taxonomic separation of these organisms would best be at subspecific level

Diagnosis, Protozoa

Lamki LM; Lamki N
1981 Clin Nuclear Med 6 (2) Feb 81-84 Wm
radionuclide imaging used to differentiate splenomegaly from pseudosplenomegaly associated with human hydatid hepatic cyst and with amebic hepatic abscess, case reports, clinical aspects

Diagnosis, Protozoa

Landay MJ et al
1980 Am J Roentgenol 135 (3) Sept 449-454 Wa
Entamoeba histolytica, human hepatic abscess with thoracic involvement, sonographic and radiographic findings pre- and post-therapy

Diagnosis, Protozoa

Lanham SM et al
1981 Tr Roy Soc Trop Med and Hyg 75 (3) 471-473 Wa
Trypanosoma vivax from sick Bubalus bubalis (blood), diagnosis of subpatent infection by anion exchange separation: Para State, Brazil

Diagnosis, Protozoa

Lanham SM et al
1981 Tr Roy Soc Trop Med and Hyg 75 (5) 742-750 Wa
Trypanosoma cruzi, standard stocks of zymodemes from northeast Brazil, isoenzyme characterization, comparison of cellulose acetate electrophoresis, starch-gel electrophoresis, and isoelectric focusing

- Diagnosis, Protozoa
Lasserre R
1978 Yonsei Rep Trop Med 9 (1) Nov 42-47 Wm
Giardia lamblia, humans, diagnosis, associated malnutrition, ornidazole therapy, review
- Diagnosis, Protozoa
Lawrence JA
1979 J South African Vet Ass 50 (4) Dec 311-313 Wa
Theileria spp., cattle, differential diagnosis based on serological, morphological, and epidemiological grounds, review: southern Africa
- Diagnosis, Protozoa
Leon W et al
1980 Biochim et Biophys Acta 607 (2) Apr 30 221-231 Wa
Trypanosoma cruzi, maxi-circles and mini-circles in kinetoplast DNA; mini-circle digestion patterns may not be stable and reliable criterion for strain characterization
- Diagnosis, Protozoa
Le Tan Vinh et al
1980 Semaine Hop Paris 56 (15-16) Apr 18-25 744-750 Wm
Toxoplasma gondii pneumonia, 6-year-old child, case report, fatal generalized infection, anatomo-clinical observations, diagnosis based on bone marrow smear
- Diagnosis, Protozoa
Levett PN
1980 Med Lab Sc 37 (1) Jan 85-88 Wa
Trichomonas vaginalis, comparison of five methods for detection in clinical specimens
- Diagnosis, Protozoa
Lewis D; Herbert I
1980 Vet Rec 107 (15) Oct 11 352-353 wa
Babesia motasi, sheep exposed to Haemaphysalis punctata collected from coastal grazing area of North Wales, diagnosis in blood smears and by immunofluorescent antibody test
- Diagnosis, Protozoa
Lom J
1969 Folia Parasitol 16 (2) 97-103 Issued June Wa
Myxosporidia, spores, photomicrography, structure of polar filament useful in taxonomy
- Diagnosis, Protozoa
Long RG et al
1980 Lancet London (8168) 1 Mar 15 559-562 Wa
Trypanosoma cruzi, humans, assessment of neural and hormonal system by rectal biopsy may be useful in diagnosis
- Diagnosis, Protozoa
Losos GJ
1980 Vet Research Commun 4 (3) Nov 165-181 Wa
Trypanosoma evansi, review (epidemiology, diagnosis, clinical signs, pathology, immunology, laboratory animal models, chemotherapy)
- Diagnosis, Protozoa
Lumsden WHR et al
1981 Tr Roy Soc Trop Med and Hyg 75 (2) 242-250 Wa
sleeping sickness, human, field diagnosis, miniature anion-exchange/centrifugation technique, comparison with microhaematocrit buffy-coat microscopy method and thick blood film: Ivory Coast
- Diagnosis, Protozoa
Luther DG; Cox HU; Nelson WO
1980 Am J Vet Research 41 (12) Dec 2085-2086 Wa
anaplasmosis, comparisons of complement-fixation and card-agglutination tests with calf inoculations for detection of carriers in herd of cattle 15 months after discontinuing vaccination for anaplasmosis
- Diagnosis, Protozoa
Maazoun R et al
1981 Ann Parasitol 56 (2) 131-146 Wa
Leishmania infantum, strains from man and dog in France (Cevennes, Cote d'Azur, Corse), Tunisia, and Honduras, enzyme electrophoresis, identical zymograms, differentiation from L. donovani, L. tropica, and L. major
- Diagnosis, Protozoa
McDougall IR
1981 Clin Nuclear Med 6 (2) 67-69 Wm
hepatic amoebic abscess, man, case report, diagnosis using In-111-leukocyte scan
- Diagnosis, Protozoa
Mackey L; McGregor IA; Lambert PH
1980 Bull World Health Organ 58 (3) 439-444 Wa
Plasmodium falciparum, humans, diagnosis, detection of antigens using a solid-phase radioimmunoassay, highly significant degree of correlation with comparative results of microscopy
- Diagnosis, Protozoa
McMahon Pratt D; David JR
1981 Nature London (5816) 291 June 18-24 581-583 Wa
Leishmania braziliensis, L. mexicana, production of monoclonal antibodies specific for these 2 species, assayed for cross-reactivity with Leishmania spp. and Trypanosoma cruzi, should be useful in taxonomic identification of different species of New World leishmaniae as well as for direct diagnosis of leishmaniasis
- Diagnosis, Protozoa
Mandal AK; Thadepalli H
1978 Am Surg 44 (9) Sept 564-570 Wm
Entamoeba histolytica, surgical aspects, diagnostic clues
- Diagnosis, Protozoa
Marinkelle CJ
1981 Tr Roy Soc Trop Med and Hyg 75 (4) 609-610 Wa
Leishmania, prognostic importance of culturing parasites isolated from patients with cutaneous and mucocutaneous leishmaniasis
- Diagnosis, Protozoa
Markiw ME; Wolf K
1980 Canad J Fish and Aquatic Sc 37 (12) Dec 2225-2227 Wa
Myxosoma cerebralis infection in trout, diagnosis, trypsinization of plankton centrifuge harvests increases optical clarity and spore concentration
- Diagnosis, Protozoa
Martinez AJ et al
1980 Acta Neuropath Berlin 51 (2) 85-91 Wm
Acanthamoeba sp. causing granulomatous amoebic encephalitis, humans, presentation of cerebral mass lesions, clinical and brain biopsy or autopsy findings in 6 cases, emphasis on differential diagnosis

Diagnosis, Protozoa

Martinez AJ; De Jonckheere JF
1981 Bull Inst Pasteur Paris 79 (2) 171-205 Wa
Naegleria fowleri, Acanthamoeba spp., humans, comparative review (morphology, pathology, diagnosis, geographic distribution, morbidity and mortality, symptoms, treatment, pathogenicity)

Diagnosis, Protozoa

Martinucci G; Crespi P
1979 Boll Zool 46 (1-2) 23-39 Wa
Apolocystis sp. trophozoite in Octolasmus transpandanum, light and transmission electron microscopy, life cycle, locomotion, endocytosis; role of ultrastructure in monocystid diagnosis

Diagnosis, Protozoa

Marty P et al
1981 Ann Parasitol 56 (4) 363-374 Wa
Pneumocystis carinii, comparison of different methods of identification

Diagnosis, Protozoa

Mas Bakal P; in't Veld N; Piekarski G
1979 Infection 7 (6) 275-278 Wm
Toxoplasma, children, isolation of parasite from pharyngeal and/or palatine tonsils by inoculating the material into mice, in the 1-7 age group all isolates were from boys: The Netherlands

Diagnosis, Protozoa

Mason PR; Forman L
1981 Central African J Med 27 (1) Jan 8-11 Wm
Trichomonas vaginalis, human urogenital infections, comparison of 4 diagnostic culture media

Diagnosis, Protozoa

Medina M et al
1980 Arch Inst Cardiol Mexico 50 (6) Nov-Dec 663-669 Wm
Chagas disease, humans, incipient left ventricular lesions, diagnosis using non-invasive methods (echocardiography, mechanocardiography)

Diagnosis, Protozoa

Medley S
1980 Med J Australia 2 (11) Nov 29 635 Wm
Naegleria fowleri, human amoebic meningitis, possible use of acridine orange for diagnostic purposes (successful trial using positive culture material)

Diagnosis, Protozoa

van der Meer P et al
1981 Vet Quart 3 (2) Apr 61-65 Wa
Theileria species and strains, erythrocytic stage, isoenzyme studies using isoelectric focusing

Diagnosis, Protozoa

Mehlhorn H et al
1979 Tropenmed u Parasitol 30 (3) Sept 289-300 Wa
Blastocrithidia triatomae, developmental stages in Triatoma infestans, electron microscopy, differentiation from Trypanosoma cruzi, 3 main forms of parasite as well as cyst-like bodies observed

Diagnosis, Protozoa

Mehlhorn H; Frenkel JK
1980 J Parasitol 66 (1) Feb 59-67 Wa
Toxoplasma gondii, Sarcocystis muris, Hammondia hammondi, ultrastructural comparison of cysts and zoites in skeletal muscle of mice

Diagnosis, Protozoa

Melrose TR; Brown CGD; Sharma RD
1980 Research Vet Sc 29 (3) Nov 298-304 Wa
Theileria annulata- and T. parva-infected bovine lymphoblastoid cell lines, glucose phosphate isomerase isoenzyme patterns, improved enzyme visualization method using meldola blue, species and strain differences

Diagnosis, Protozoa

Melrose TR; Walker AR; Brown CGD
1981 Trop Animal Health and Prod 13 (2) May 70-78 Wa
Theileria, identification of infections in salivary glands of vector ticks using isoenzyme electrophoresis, clear separation of parasite enzyme from tick salivary gland enzyme, differentiation of isoenzymes between parasite species and strains

Diagnosis, Protozoa

Mierzejewska I et al
1980 Wiadom Lekar 33 (13) July 1 1083-1086 Wm
toxoplasmosis, systemic infections, 3 case reports, diagnostic problems encountered caused delay in establishing treatment, unfavorable sequelae developed

Diagnosis, Protozoa

Miettinen M
1981 Histopathology 5 (2) Mar 205-216 Wm
Toxoplasma, humans, histological diagnosis and differential diagnosis between lymph node toxoplasmosis and other benign lymph node hyperplasias

Diagnosis, Protozoa

Milder JE et al
1980 J Clin Microbiol 11 (4) Apr 409-417 Wa
Pneumocystis carinii in rat bronchial lavage fluid, diagnosis, comparison of histological stains and immunological techniques, cresyl echt violet and indirect fluorescent antibody are preferred techniques

Diagnosis, Protozoa

Miles MA et al
1980 Tr Roy Soc Trop Med and Hyg 74 (2) 221-237 Wa
Trypanosoma cruzi, further enzymic characters, critical assessment of present and prospective value of enzyme electrophoresis for strain identification

Diagnosis, Protozoa

Miles MA et al
1980 Tr Roy Soc Trop Med and Hyg 74 (2) 243-252 Wa
Leishmania mexicana amazonensis, L. hertigi subsp., methods for enzymic characterization, possible use in identification

Diagnosis, Protozoa

Miles MA et al
1981 Tr Roy Soc Trop Med and Hyg 75 (4) 524-529 Wa
Leishmania b. braziliensis, L. b. guyanensis, L. mexicana amazonensis, enzymic profiles, biochemical separation; inability to separate L. b. guyanensis from 4 stocks of L. b. panamensis by electrophoresis of 10 enzymes

Diagnosis, Protozoa

Miles MA et al
1981 Tr Roy Soc Trop Med and Hyg 75 (5) 667-674 Wa
Trypanosoma cruzi, distribution and host associations of zymodemes 1 and 3 in Para State, North Brazil

- Diagnosis, Protozoa
Miles MA et al
1981 Lancet London (8234) 1 June 20 1338-1340
Wa
Trypanosoma cruzi, comparison of radically dissimilar enzymic strains (zymodemes Z1, Z2, Z3) from endemic and non-endemic areas of Venezuela and Brazil, findings suggest that these zymodemes may represent subspecific groups of fundamental epidemiological and medical importance
- Diagnosis, Protozoa
Monga NK et al
1976 Am J Gastroenterol 66 (4) Oct 366-373 Wm
Entamoeba histolytica, humans, amoebic peritonitis, case studies, diagnosis, pathology, surgical therapy
- Diagnosis, Protozoa
Moraleda L; Diaz G; Israel E
1980 Rev Chilena Pediat 51 (1) Jan-Feb 59-60 Wm
Balantidium coli; Trichuris trichiura, mixed infection, 10-year-old boy, clinical course, importance of differential diagnosis of dysenteric syndromes: Mafil, provincia de Valdivia, Chile
- Diagnosis, Protozoa
Morel C et al
1980 Proc National Acad Sc Biol Sc 77 (11) Nov 6810-6814 Wa
Trypanosoma cruzi, characterization of strains and clones by pattern of restriction endonuclease products of kinetoplast DNA minicircles, proposal of new terminology to classify hemoflagellates into 'schizodemes'; procedure may also be useful for classification of pathogenic Leishmania
- Diagnosis, Protozoa
Morel C; Simpson L
1980 Am J Trop Med and Hyg 29 (5 pt 2) Sept 1070-1074 Wa
Trypanosoma cruzi, characterization of stocks, strains, and clones by restriction endonuclease fingerprinting of kinetoplast DNA minicircles, technique should be useful for other pathogenic Trypanosomatidae
- Diagnosis, Protozoa
Morii T et al
1981 Internat J Parasitol 11 (3) June 187-190
Wa
Leucocytozoon caulleryi, chickens, evaluation of immunodiffusion test for epizootiological surveys, comparison with parasitological diagnosis, some data on seasonal incidence in Japan, L. sabrazezi also found in Taiwan: Japan; Taiwan; Philippines; Singapore; Malaysia; Thailand
- Diagnosis, Protozoa
Moya PR; Villagra L; Risco J
1979 Rev Fac Cien Med Univ Nac Cordoba 37 (1-4) Jan-Dec 21-27 Wm
Trypanosoma cruzi, human congenital infections, diagnostic anatomopathological findings in the placenta and umbilical cord
- Diagnosis, Protozoa
Muehlpfordt H
1981 Ztschr Parasitenk 65 (1) 95-101 Wa
Trypanosoma (Schizotrypanum) spp. derived from bats or Chagasic patients, kinetoplasts, comparative ultrastructure, typical configuration of kDNA makes it possible to distinguish between trypanosomes of Schizotrypanum subgenus and other trypanosomes, but it is not sufficient for characterizing species of that subgenus
- Diagnosis, Protozoa
Muhm RL et al
1979 Proc 22 Ann Meet Am Ass Vet Lab Diagn (San Diego California Oct 28-30 1979) 139-146
Wa
Sarcocystis, cattle, case history, diagnosis using immunofluorescence, serology, and histopathology
- Diagnosis, Protozoa
Musisi FL et al
1981 Research Vet Sc 30 (1) Jan 38-43 Wa
Theileria lawrencei-, T. parva-, and T. annulata-infected bovine lymphoblastoid cell lines, isoenzyme variants, promising method of distinguishing species or subspecies of Theileria but there are difficulties in identifying host and theilerian enzymes with certainty
- Diagnosis, Protozoa
Nicholls JC
1981 Ann Roy Coll Surg England 63 (1) Jan 25-27
Wm
Entamoeba histolytica, humans, pathology and diagnosis of local pattern of this disease process: Seychelles
- Diagnosis, Protozoa
Nikulina LS et al
1979 Vrach Delo (7) July 107-111 Wm
acquired toxoplasmosis, industrial workers, diagnosis, evaluation of heart pathology
- Diagnosis, Protozoa
Norton CC; Joyner LP
1980 Parasitology 81 (2) Oct 315-323 Wa
Eimeria mivati (including isolate thought at first to be E. mitis), E. acervulina, differentiation on basis of cross-immunity studies and pathogenicity (changes in body weight and oocyst output, distribution in intestine, density of parasites, analysis of villus height and mucosal thickness)
- Diagnosis, Protozoa
Norton CC; Joyner LP
1981 Parasitology 83 (2) Oct 269-279 Wa
Eimeria acervulina, E. mivati, 3 strains of each species, comparison of oocyst shape and measurements, life-cycles, and ability to develop in chicken embryo
- Diagnosis, Protozoa
Nwafo DC; Egbue MO
1981 Ann Roy Coll Surg England 63 (2) Mar 126-128 Wm
Entamoeba histolytica, humans, intrathoracic manifestations, diagnostic corroborative measures, case reviews
- Diagnosis, Protozoa
Osisanya JOS
1981 Med Lab Sc 38 (2) Mar 139-141 Wa
Entamoeba histolytica, isolation and diagnostic cultivation, comparison of 2 methods

Diagnosis, Protozoa

Paul F et al
1981 Lancet London (8237) 2 July 11 70-71 Wa
malaria-infected erythrocytes, separation from
whole blood using a selective high-gradient
magnetic separation technique, helpful tool for
diagnosis, vaccine production, and parasite
studies

Diagnosis, Protozoa

Pedro RJ et al
1979 Rev Inst Med Trop S Paulo 21 (3) May-June
130-136 Wm
Toxoplasma gondii, humans with acquired lym-
phadenopathic involvement, liver biopsy as
measure of hepatic injury

Diagnosis, Protozoa

Pedro RJ; Amato Neto V; de Mendonca JS
1979 Rev Inst Med Trop S Paulo 21 (3) May-June
125-129 Wm
toxoplasmosis, humans with acquired lympho-
glandular infections, blood changes as
measure of hepatic injury, useful in differ-
ential diagnosis

Diagnosis, Protozoa

Peirce MA
1980 Parasitology 80 (3) June 551-554 Wa
Eimeria, staining technique for locating sporo-
zoites in both mammalian and avian hosts by
demonstrating sporozoite refractile globule

Diagnosis, Protozoa

Pereira Lorenzo A
1979 Rev Iber Parasitol 39 (1-4) Jan-Dec 401-409
Wa
Sarcocystis miescheriana, incidence in swine,
diagnosis, direct microscopic examination of
compressed tissue, pepsin-muscular digestion,
and indirect immunofluorescence

Diagnosis, Protozoa

Peters M et al
1979 Tropenmed u Parasitol 30 (4) Dec 409-416
Wa
Entamoeba histolytica, human hepatic ab-
scesses, retrospective clinical evaluation of
27 cases: diagnostic methods, clinical find-
ings, medical vs. surgical therapy

Diagnosis, Protozoa

Peters W et al
1981 Ann Trop Med and Parasitol 75 (2) Apr 247-
249 Wa
Leishmania, identity of some stocks isolated in
India, isoenzyme characterization, excreted
factor serotypes

Diagnosis, Protozoa

Philippe E et al
1979 Nouv Presse Med 8 (6) Feb 3 442 Wm
toxoplasmosis, humans, diagnosis, lymph node
biopsy as adjunct to fluorescent antibody test

Diagnosis, Protozoa

Poelzl J
1978 Wien Med Wchnschr 128 suppl 53 1-10 Wm
Trichomonas vaginalis, round forms, diagnosis,
staining and phase contrast

Diagnosis, Protozoa

Poisson M et al
1980 Semaine Hop Paris 56 (47-48) Dec 18-Dec 25
1979-1982 Wm
Trypanosoma gambiense, human, differential
diagnosis of pseudo-tumoral form using X-ray
computed tomography, clinical case report:
Port-Gentil, Gabon

Diagnosis, Protozoa

Prat JJ et al
1980 European J Pediat 133 (1) Jan 41-45 Wm
Pneumocystis carinii, immunocompromised child-
ren, pneumonia, diagnosis using an endobron-
chial brushing technique

Diagnosis, Protozoa

Premvati G
1980 Ann Trop Med and Parasitol 74 (2) Apr
257-258 Wa
Leishmania donovani-infected B10.LP-a mice,
serum alkaline phosphatase (ALP) activity,
results suggest that raised levels of ALP may
form basis of useful screening test for human
kala-azar

Diagnosis, Protozoa

Raisinghani PM; Lodha KR
1980 Indian Vet J 57 (6) June 579-584 i e 479-
484 Wa
Trypanosoma evansi, camels, prognostic value
of some haematological and biochemical param-
eters following treatment with 4 different
trypanocides: Bikaner

Diagnosis, Protozoa

Ramasamy R; Jamnadas H; Mutinga MJ
1981 Internat J Parasitol 11 (5) Oct 387-390 Wa
Leishmania promastigotes, proteins and surface
proteins, electrophoretic analysis, differences
between 2 strains likely to be Leishmania dono-
vani (from kala-azar patient and from Phlebotom-
us martini) and Leishmania species from P. bed-
fordi, such differences may provide additional
biochemical tools for classifying Leishmania:
Kenya

Diagnosis, Protozoa

Rassam MB; Al-Mudhaffar SA
1980 Ann Trop Med and Parasitol 74 (3) June 283-
287 Wa
kala azar, children, diagnosis, comparison of
bone marrow culture, Ouchterlony double gel
diffusion, immunoelectrophoresis, countercur-
rent immunoelectrophoresis, and micro-ELISA:
Iraq

Diagnosis, Protozoa

Rassam MB; Al-Mudhaffar SA; Chance ML
1979 Ann Trop Med and Parasitol 73 (6) Dec 527-
534 Wa
Leishmania spp., characterization of visceral
and cutaneous stocks according to electro-
phoretic variation of enzymes: Iraq

Diagnosis, Protozoa

Ready PD; Miles MA
1980 Tr Roy Soc Trop Med and Hyg 74 (2) 238-242
Wa
Trypanosoma cruzi, delimitation of zymodemes
by numerical taxonomy

Diagnosis, Protozoa

Rickman L; Kolala F
1980 Tr Roy Soc Trop Med and Hyg 74 (6) 817-819
Wa
Trypanosoma brucei brucei, clones of 3 differ-
ent isolates, sequential blood incubation in-
fectivity tests on successive variable antigen
types, all 3 eventually changed from BIIT-nega-
tive to BIIT-positive responses typical of T.
rhodesiense coincident with proven changes of
VAT

- Diagnosis, Protozoa
Rinaldi I; Murphy D
1979 Neurosurgery 5 (5) Nov 607-610 Wm
primary amebic meningoencephalitis with cerebral and cerebellar abscesses, 47-year-old woman, case report, fatal illness; disease pathogenesis, clinical presentations, diagnosis using warm wet microscopic slide presentations, therapy: Virginia
- Diagnosis, Protozoa
Rioux JA et al
1980 Compt Rend Acad Sc Paris 291 s D Sc Nat (8) Oct 27 701-703 Wa
Leishmania infantum identified from 2 human cases of oriental sore on basis of electrophoretic analysis of 8 isoenzymes: Pyrenees Orientales
- Diagnosis, Protozoa
Robinson B et al
1980 South Med J 73 (4) Apr 516-518 Wm
Trypanosoma brucei gambiense, chronic infection, Nigerian student, diagnosed by computerized axial tomography and immunofluorescence: Oklahoma
- Diagnosis, Protozoa
Rogers WF et al
1980 Am J Roentgenol 135 (6) Dec 1253-1257 Wa
Entamoeba histolytica, unusual radiographic manifestations
- Diagnosis, Protozoa
Rohde R
1980 Hautarzt 31 (10) Oct 560-561 Wm
Leishmania tropica, human cutaneous infections, diagnosis, serological and microscopical examination with confirmation by culture
- Diagnosis, Protozoa
Rosen PP
1977 Am J Surg Pathol 1 (1) Mar 79-82 Wm
Pneumocystis carinii pneumonia, humans, management of frozen section lung biopsy taken for diagnostic purposes
- Diagnosis, Protozoa
Ross SM; Hoosen AA; Sheik AI
1980 South African Med J 58 (19) Nov 8 757-759 Wm
diagnosis and treatment of vaginal discharge during pregnancy, humans, finding of 'strawberry' vagina was specific for Trichomonas vaginalis, metronidazole highly effective in treating this infection
- Diagnosis, Protozoa
Rozen P; Baratz M; Rattan J
1981 Dis Colon and Rectum 24 (2) Mar-Apr 127-129 Wm
Entamoeba histolytica, humans, case reports, rectal bleeding due to amebic colitis, diagnosed by multiple endoscopic biopsies
- Diagnosis, Protozoa
de Sa MFG et al
1980 J Protozool 27 (3) Aug 253-257 Issued Oct 9 Wa
Crithidia brasiliensis sp. n. from Zelus sp. (alimentary tract contents), isolation and cloning, growth pattern, morphology, biochemical analyses (isoenzyme pattern, histone pattern, cleavage of kDNA with restriction endonucleases): Brasilia, Distrito Federal, Brazil
- Diagnosis, Protozoa
Saffouri B et al
1980 J Clin Gastroenterol 2 (2) June 169-171 Wm
Giardia lamblia associated with lymphoid nodular hyperplasia, boy, case report, diagnosed by duodenal aspirate taken during endoscopic examination
- Diagnosis, Protozoa
Salazar S, PM et al
1979 Prensa Med Mexicana 44 (5-6) May-June 115-120 Wm
human chronic Chagasic myocarditis, clinical aspects, radiographic and electrocardiographic diagnosis: Mexico
- Diagnosis, Protozoa
Sampaio RNR et al
1980 An Brasil Dermat 55 (2) Apr-June 69-76 Wm
Leishmania, patients with American mucocutaneous infections, histological and immunological diagnosis, therapy: Sobradinho, Brasilia
- Diagnosis, Protozoa
Sanderson A; Walliker D; Molez JF
1981 Tr Roy Soc Trop Med and Hyg 75 (2) 263-267 Wa
Plasmodium falciparum, enzyme typing of freeze-dried and freshly cultured isolates from African and some other Old World countries
- Diagnosis, Protozoa
Sargeant PG et al
1980 Tr Roy Soc Trop Med and Hyg 74 (5) 653-656 Wa
Entamoeba histolytica and other intestinal amoebae isolated from hospital patients, identification by isoenzyme electrophoretic patterns, separation into groups which may indicate pathogenicity: Mexico City
- Diagnosis, Protozoa
Sargeant PG; Williams JE; Neal RA
1980 Tr Roy Soc Trop Med and Hyg 74 (4) 469-474 Wa
Entamoeba histolytica, 'Entamoeba histolytica-like' amoebae, E. moshkovskii, E. invadens, E. chattoni, grouping according to isoenzyme electrophoretic patterns, E. polecki is indistinguishable from E. histolytica
- Diagnosis, Protozoa
Schnur LF et al
1981 Ann Trop Med and Parasitol 75 (2) Apr 131-144 Wa
Leishmania strains isolated in Old and New World from human visceral cases, dogs, and wild animals thought to be reservoirs of human visceral leishmaniasis, biochemical and serological taxonomy (nuclear and kinetoplast DNA buoyant densities, excreted factor serotypes, and electrophoretic mobilities of enzymes), ability of L. tropica-like organisms to visceralize, non-L. tropica organisms considered as essentially being single complex that is widely distributed in world
- Diagnosis, Protozoa
Shaw JJ; Lainson R
1981 Tr Roy Soc Trop Med and Hyg 75 (1) 127 Wa
Leishmania braziliensis complex, in vitro cultivation, comparison of different media and different types of overlay. NNN medium as formulated by Walton et al. 1977 remains medium of choice for diagnosis of leishmaniasis by in vitro cultivation technique

Diagnosis, Protozoa

Sherr HP
1980 Med Times NY 108 (8) Aug 76-89 Wm
persistent diarrhea, causes in humans, includes
diagnosis of Giardia using bowel biopsy or new
technique called Enterotest

Diagnosis, Protozoa

Shirley MW; Rollinson D
1979 Symposia Brit Soc Parasitol 17 7-30 Wa
Eimeria spp., recognition and characterization
of populations, review: established approaches
(morphology, site and host specificity, patho-
genicity, immunological specificity), new
approaches (enzyme electrophoresis, genetic
studies, DNA buoyant density analyses)

Diagnosis, Protozoa

Siemes H et al
1980 Klin Paediat 192 (3) May 217-228 Wm
inflammatory diseases of the central nervous
system, children, diagnosis, electrophoretic
analysis of cerebral spinal fluid proteins,
patients with toxoplasmosis have increased
gamma-3-globulins

Diagnosis, Protozoa

Silard R et al
1979 Arch Roumaines Path Exper et Microbiol
38 (3-4) July-Dec 359-372 Wa
Dientamoeba fragilis, humans (feces), isolation
from pathogen enterobacteria negative clinical
cases, mixed infections, differential diag-
nosis from other intestinal protozoa, morphol-
ogy, clinical aspects, metronidazole and
tetracycline treatment: Romania

Diagnosis, Protozoa

Simmons J; Passon TJ jr
1981 Vet Med and Small Animal Clin 76 (1) Jan
55-56 Wa
Giardia canis, dogs, diagnosis, fecal exami-
nation, direct smear method, and trichrome
stain

Diagnosis, Protozoa

Skromne-Kadlubik G et al
1980 Bol Med Hosp Inf Mexico 37 (3) May-June
409-412 Wm
Toxoplasma gondii, rats (exper.), diagnosis
using indium-113 labelled antibodies; using
antibodies labelled with iodine-131 these
parasites were destroyed by radiolysis

Diagnosis, Protozoa

Solov'ev MM
1975 Parazitologiya Leningrad 9 (5) Sept-Oct
449-456 Wa
Lambliia spp. of mammals, measurements of mature
trophozoites with medial bodies, biometrical
indices specific for each species studied, tax-
onomy of Lambliia discussed

Diagnosis, Protozoa

Spence MR et al
1980 Sex Transm Dis 7 (4) Oct-Dec 168-171 Wm
Trichomonas vaginalis, female patients attend-
ing clinic for treatment of sexually trans-
mitted diseases, comparison of diagnostic meth-
ods, Papanicolaou smear most efficient

Diagnosis, Protozoa

Spencer HC et al
1981 Am J Trop Med and Hyg 30 (1 pt 1) Jan
63-68 Wa
Entamoeba histolytica, human, serologic and
parasitologic studies to examine reliability
of diagnosis and confirm estimates of morbidi-
ty and mortality: El Salvador

Diagnosis, Protozoa

Stagno S et al
1980 Pediatrics Am Acad Pediat 66 (1) July
56-62 Wa
Pneumocystis carinii pneumonia, immunocompe-
tent infants, diagnosis by counterimmunoelec-
trophoresis or by open lung biopsy

Diagnosis, Protozoa

Stevens DL et al
1979 Am J Gastroenterol 72 (3) Sept 234-238 Wm
E[ntamoeba] histolytica, Caucasian male, case
report, hepatic abscess, nonreactive to immu-
nological tests preoperatively, motile hemato-
phagous trophozoites seen microscopically in
scrapings from wall of abscess, postoperative
serologic tests were positive

Diagnosis, Protozoa

Stoeckli HR et al
1980 Fortschr Neurol 48 (6) June 303-313 Wm
Toxoplasma gondii, humans with various neuro-
logical infections, parasite identified in
spinal fluid using indirect immunofluorescence
and phase contrast microscopy

Diagnosis, Protozoa

Storch GA et al
1980 Am J Trop Med and Hyg 29 (3) May 456-463
Wa
shigellosis, human, outbreak of diarrheal ill-
ness originally attributed to Entamoeba his-
tolytica because fecal leukocytes were being
mistaken for amebae: Marshall Islands

Diagnosis, Protozoa

Stradella P; Arrotta U; Rognoni V
1979 Minerva Ginec 31 (12) Dec 917-921 Wm
Trichomonas vaginalis, humans, diagnosis,
phase contrast microscopy useful in gynecol-
ogical and obstetrical colpocytology

Diagnosis, Protozoa

Stratigos JD
1980 Dermatosen Beruf u Umwelt 28 (5) 139-148
Wm
Leishmania tropica, human cutaneous infections,
general clinical review, author's diagnostic
classification based on histological findings

Diagnosis, Protozoa

Streb H et al
1981 European J Pediat 137 (1) Sept 5-10 Wm
determination of aldolase activity in intes-
tinal biopsy material offers diagnostic alterna-
tive to liver biopsy in cases of hereditary
fructose intolerance and malabsorption states
(includes children with Giardia lamblia)

Diagnosis, Protozoa

Sun T
1980 Am J Surg Path 4 (3) June 265-271 Wm
Giardia lamblia, humans, various diagnostic
methods

Diagnosis, Protozoa

Tada S
1980 Rinsho Hoshasen (Japan J Clin Radiol) 25
(4) Apr 511-512 Wm
Pneumocystis carinii, human pneumonia,
diagnostic radiography

- Diagnosis, Protozoa
Tait A
1981 Molec and Biochem Parasitol 2 (3-4) Feb 205-218 Wa
Plasmodium falciparum, proteins of cultured isolates, labelling with [³⁵S]methionine, analysis of variation by two-dimensional gel electrophoresis, technique can be applied to strain typing of malaria parasites
- Diagnosis, Protozoa
Takafuji ET et al
1980 Am J Trop Med and Hyg 29 (4) July 516-520 Wa
cutaneous leishmaniasis, occurrence in U.S. Army battalion deployed to Panama Canal Zone for jungle warfare training, medical surveillance program, aspiration cultures of greater value than punch biopsies in confirming early infection, indirect fluorescent antibody and direct agglutination tests useless as diagnostic screening methods in early stages
- Diagnosis, Protozoa
Teras Iukh et al
1980 Terap Arkh 52 (3) 123-125 Wm
Trichomonas, detection in bronchi, sputum, and oral cavities of patients with various pulmonary diseases, possible associations
- Diagnosis, Protozoa
Thaithong S; Sueblinwong T; Beale GH
1981 Tr Roy Soc Trop Med and Hyg 75 (2) 268-270 Wa
Plasmodium falciparum, enzyme typing of some isolates from Thailand and Cambodia
- Diagnosis, Protozoa
Topi GC et al
1978 Med Cutan Ibero-Latino-Am 6 (3-4) 185-192 Wm
Toxoplasma gondii, humans, case reports, chronic prurigo, toxoplasms demonstrated in lesions by means of conventional stains, and by immunofluorescence
- Diagnosis, Protozoa
Toro M; Leon E; Lopez R
1981 Vet Parasitol 8 (1) Feb 23-29 Wa
Trypanosoma vivax, cattle (nat. and exper.), diagnosis, haematocrit centrifugation technique compared with wet film, thin and thick stained smears, and lymph node aspirate examination techniques
- Diagnosis, Protozoa
Toro Benitez M et al
1979 Acta Cien Venezolana 30 (5) 502-506 Wa
Trypanosoma vivax, cattle (exper.), diagnosis, haematocrit centrifugation technique
- Diagnosis, Protozoa
Torruella M et al
1981 Comp Biochem and Physiol 70B (3) 463-468 Wa
Trypanosoma cruzi, 6 stocks, T. rangeli, 3 stocks, glutamate dehydrogenases, proteolytic activities, levels and properties, 3 stocks of T. rangeli were more similar to some T. cruzi stocks than the latter were to each other
- Diagnosis, Protozoa
Tyagi SK et al
1980 J Ass Physicians India 28 (12) Dec 515-519 Wm
amoebic pericarditis as a rare but serious complication of amoebic liver abscess, clinical observations, diagnosis, case reviews: India
- Diagnosis, Protozoa
Tzipori S et al
1980 N England J Med 303 (14) Oct 2 818 Wa
Cryptosporidium [sp.], man (feces), cause of vomiting and diarrhea, diagnosis by Giemsa-stained fecal smear
- Diagnosis, Protozoa
Veress B; Abdalla RE; El Hassan AM
1980 Ann Trop Med and Parasitol 74 (4) Aug 421-426 Wa
Leishmania amastigotes from human mucosal, cutaneous, and visceral infections, statistical-morphometric analysis of certain ultrastructural features, values of measurements corresponded to Leishmania donovani: Sudan
- Diagnosis, Protozoa
Verlenden WL III; Frey CF
1980 Am J Surg 140 (1) July 53-59 Wm
amoebiasis, 13 patients with hepatic abscess, predisposing factors, diagnostic findings, importance of diagnosis and surgical intervention
- Diagnosis, Protozoa
Visvesvara GS; Healy GR
1980 Tr Roy Soc Trop Med and Hyg 74 (3) 411-412 Wa
Naegleria fowleri, N. gruberi, differences in disc electrophoretic patterns of esterase isoenzymes
- Diagnosis, Protozoa
Wachtel EG; Hudson EA
1980 Brit J Hosp Med 23 (3) Mar 256-258 260 262-265 Wm
usefulness of cytology in diagnosing human infections, includes information on amoebiasis, microfilariasis, Toxoplasma, schistosomiasis, and Trichomonas vaginalis
- Diagnosis, Protozoa
Wahal PK et al
1979 J Indian Med Ass 73 (5-6) Sept 81-83 Wm
malaria, humans with pyrexia, urine urobilinogen estimation as a useful and simple bedside test for diagnosis especially when blood film examination is not possible, is inconclusive, or is negative
- Diagnosis, Protozoa
Walker AR; Young AS; Leitch BL
1981 Ztschr Parasitenk 65 (1) 63-69 Wa
Theileria parva in Rhipicephalus appendiculatus collected from two field sites and two experimental sources, diagnosis using salivary gland staining, microscopical examination of whole tick suspensions, and infectivity tests in cattle, feasibility of assessing field infection rates in ticks using combination of diagnostic methods: Kenya
- Diagnosis, Protozoa
William DC
1981 Cutis 27 (3) Mar 278-285 Wm
Entamoeba histolytica, Giardia lamblia, humans, growing incidence as sexually transmitted enteric infection, pathogenesis, clinical signs, diagnostic methods, therapy, follow-up management
- Diagnosis, Protozoa
Wilson A; Ackers JP
1980 Brit J Vener Dis 56 (1) Feb 46-48 Wm
Trichomonas vaginalis, men, diagnosis using urine culture, not deemed worth routine use

- Diagnosis, Protozoa
Ylvisaker JT; McDonald GB
1980 Western J Med 132 (2) Feb 153-157 Wa
Entamoeba histolytica, two homosexual men
presenting amebic colitis and liver abscess,
diagnostic difficulties, evidence that sexually
transmitted amebiasis can be virulent illness
- Diagnosis, Protozoa
Young EJ
1980 Hosp Pract 15 (2) Feb 140-148 Wm
Plasmodium species (further identification
attempted unsuccessfully), man who had trav-
elled to endemic area, case report, clinical
aspects, diagnostic problems: Texas
- Diagnosis, Protozoa
Zoch-Zwierz W; Niewiarowska A
1980 Wiadom Lekar 33 (7) Apr 1 565-566 Wm
Toxoplasma gondii, 12-year-old boy, case
report, acquired infection with prevailing
symptom of jaundice, differential diagnosis
- Diagnosis, Trematoda
Abul-Khair MH et al
1980 J Clin Ultrasound 8 (3) June 239-240 Wm
Schistosoma haematobium, human bilharzial
scrotal masses, diagnosis using sonography
- Diagnosis, Trematoda
Agatsuma T; Suzuki N
1980 Japan J Med Sc and Biol 33 (5) Oct 249-254
Wa
Fasciola sp. from Japan, enzyme electrophoresis
- Diagnosis, Trematoda
Al-Ghorab MM; Smith DR
1979 Tr Am Ass Genito-urin Surg 71 70-75 Wm
Schistosoma haematobium, human genitourinary
infection, diagnosis, pathology, clinical
management, general review
- Diagnosis, Trematoda
Atkinson KH
1980 Canad J Genetics and Cytol 22 (1) 143-147
Wa
Schistosoma rodhaini, chromosome analysis, com-
parison to S. mansoni, distinction of chromo-
somes of similar species of schistosomes may be
important for field identification of parasites
and in elucidating evolution of schistosomes
- Diagnosis, Trematoda
Badini A
1979 Pathologica (1014) 71 July-Aug 549-554 Wm
Schistosoma haematobium, cutaneous filariasis,
humans, 2 brief case reports, histological
diagnosis
- Diagnosis, Trematoda
Bartoli P
1981 Ztschr Parasitenk 65 (2) 167-180 Wa
Gymnophallus fossarum, G. nereicola, segrega-
tion between the 2 sympatric sibling species
by life cycle, host specificity, and endemio-
tope
- Diagnosis, Trematoda
Bayssade-Dufour C et al
1980 Ann Parasitol 55 (5) Sept-Oct 553-564 Wa
Fasciola hepatica, ciliated cells and argento-
philic structures of miracidium, chaetotoxy of
daughter redia and cercaria, comparison with F.
gigantica
- Diagnosis, Trematoda
Bundy DAP
1981 Internat J Parasitol 11 (4) Aug 319-322 Wa
Transversotrema patialense, egg capsule mor-
phometrics, age-dependency and population fre-
quency distribution, implications for use as
taxonomic criterion in Transversotrematidae
- Diagnosis, Trematoda
Buzzoni HD; Saad F
1980 Rev Paul Med 96 (3-4) Sept-Oct 79-80 Wm
Schistosoma mansoni, man, testicular schisto-
somal granuloma, case review, diagnosed by
testicular biopsy and histological review:
Brazil
- Diagnosis, Trematoda
Colin M et al
1980 Ann Dermat et Venereol 107 (8-9) Aug-Sept
759-767 Wm
Schistosoma mansoni, S. haematobium, humans,
cutaneous localization, granulomatous papular
lesions containing eggs, diagnosis by lesion
biopsy and immunofluorescence: endemic areas
of Ivory Coast
- Diagnosis, Trematoda
Darlak JJ; Moskowitz M; Kattan KP
1980 Radiol Clin North Am 18 (2) Aug 209-219 Wm
parasites and other causes of hepatic calcifi-
cations, humans, diagnosis using abdominal ul-
trasonography, fluoroscopy, or conventional
contrast radiography
- Diagnosis, Trematoda
Dominiques L et al
1980 Rev Inst Med Trop S Paulo 22 (3) May-June
114-117 Wm
S[chistosoma] mansoni, humans, diagnosis,
factors that may alter results of Kato-Katz
fecal examination
- Diagnosis, Trematoda
Dubois G
1979 Rev Iber Parasitol 39 (1-4) Jan-Dec 529-536
Wa
importance of post-cercarial larval phases in
differential diagnosis in order to subdivide
into genera and subgenera of Strigeoidea
- Diagnosis, Trematoda
Eisenscher A; Sauget Y
1980 J Radiol 61 (5) May 319-322 Wm
ascariasis, distomiasis, human biliary tract,
diagnosis, sonographic patterns
- Diagnosis, Trematoda
Ergens R
1978 Vestnik Ceskoslov Spolec Zool 42 (4) Nov
249-254 Wa
Gyrodactylus luciopercae, G. longiradix, mor-
phological and metrical studies of hard parts
of opisthaptor, differential diagnosis
- Diagnosis, Trematoda
Errasti CA et al
1981 European J Nuclear Med 6 (2) Feb 57-58 Wm
Scintigraphic evaluation of the liver in
Fasciola hepatica with radiocolloid and 67Ga-
citrate, humans with demonstrated hepatic
lesions
- Diagnosis, Trematoda
Estrada RV; Mancebo J; Gilsanz V
1980 Actas Urol Espan 4 (2) Mar-Apr 111-114 Wm
S[chistosoma] haematobium, human urinary in-
fections, diagnosis by various radiographic
techniques

- Diagnosis, Trematoda
Farid M; Saif El-Din S
1975 Ain Shams Med J 26 (4) July 545-547 Wm
Schistosoma mansoni, 23-year-old male, case report, extra genital cutaneous lesion, diagnostic ova found in material removed from lesion, this technique suggested as adjunct to skin biopsy or other diagnostic procedures
- Diagnosis, Trematoda
Feldmeier H; Bienzle U; Dietrich M
1979 Tropenmed u Parasitol 30 (4) Dec 417-422 Wa
Schistosoma haematobium, human, filtration-trypan blue-staining-technique is superior to Fuelleborn test as it allows egg quantitation and assessment of viability at same time and provides sensitive tool for diagnosing urogenital schistosomiasis
- Diagnosis, Trematoda
Feldmeier H; Horstmann RD
1981 Ann Trop Med and Parasitol 75 (4) Aug 463-465 Wm
Opisthorchis viverrini, human, diagnosis, technique which permits filtration of duodenal fluid and counting of excreted eggs
- Diagnosis, Trematoda
Fletcher M; LoVerde PT; Kuntz RE
1981 J Parasitol 67 (4) Aug 593-595 Wa
Schistosoma mansoni, *S. rodhaini*, adults and cercariae, use of horizontal starch gel electrophoresis to differentiate the two species on basis of differences in mobility of diagnostic enzymes
- Diagnosis, Trematoda
Frost O
1979 Ethiop Med J 17 (3) July 81-83 Wm
schistosomiasis, human cervical infections, diagnostic differentiation from cervical cancers and other cervical pathology, significance of diagnostic awareness in schistosomal endemic areas
- Diagnosis, Trematoda
Girardi C et al
1979 Ann Fac Med Vet Torino 26 428-442 Wa
Fasciola hepatica, outbreak in goats, epizootiological aspects, clinical signs, pathology, diagnosis, therapeutic value of niclofolan verified: provincia di Torino
- Diagnosis, Trematoda
Goddard MJ
1980 Bull World Health Organ 58 (2) 313-320 Wa
statistical procedure for quality control in diagnostic laboratories, scheme to assess various indicators of intensity of infection of schistosomiasis haematobium used as example
- Diagnosis, Trematoda
Goff WL; Ronald NC
1980 J Am Vet Med Ass 177 (8) Oct 15 699-700 Wa
Heterobilharzia americana, dogs (exper.) and *Procyon lotor*, diagnosis using method of processing feces with subsequent hatching of miracidia from eggs, found to be preferable to saline sedimentation: Texas
- Diagnosis, Trematoda
Gondo M et al
1979 Neurol Med Chir 19 (12) Dec 1213-1218 Wm
Paragonimus westermani, 8-year-old boy who had eaten wild boar meat, case report, cerebral infections with associated epilepsy and hemiparesis, diagnosis using CT scan, immunoelectrophoresis, and skin tests
- Diagnosis, Trematoda
Guelrud M; Beker S
1974 Am J Gastroenterol 62 (6) Dec 504-508 Wm
32 patients with portal hypertension, 20 cirrhosis vs. 12 schistosomal fibrosis, differentiation of these 2 entities by means of wedged hepatic vein angiography
- Diagnosis, Trematoda
Iablokov DD; Mosin GP
1980 Klin Med Moskva 58 (1) Jan 25-29 Wm
opisthorchiasis, humans, duodenal ulcer combined with parasitic infections, diagnosis, pathology
- Diagnosis, Trematoda
Janson R; Schulz D; Lackner K
1981 ROEFO 134 (1) Jan 89-91 Wm
schistosomiasis, Libyan woman visiting in Germany, hepatic infection complicated by portal hypertension and esophageal varices, radiologic diagnosis
- Diagnosis, Trematoda
Jaubert D et al
1980 Med Trop 40 (1) Jan-Feb 59-65 Wm
Schistosoma spp., humans, portal hypertension, pathology, clinical features, diagnostic methods, indications for various surgical techniques used to suppress splenomegaly and decrease the portal hypertension
- Diagnosis, Trematoda
Kihara S et al
1980 Nippon Zyuishi-Kai Zasshi (J Japan Vet Med Ass) 33 (2) Feb 65-69 Wa
Paragonimus westermani, dogs (exper.) (feces), daily fluctuation in EPG and EPD values, diagnostic significance
- Diagnosis, Trematoda
Krasil'nikov AA
1980 Lab Delo (3) 174-176 Wm
Schistosoma haematobium, humans, diagnosis, comparison of various filtration methods
- Diagnosis, Trematoda
Laverdant C et al
1980 Med Trop 40 (3) May-June 251-258 Wm
Schistosoma spp., epidemic in young military personnel, retrospective study of pathology, clinical aspects, diagnostic procedures, therapy: Tchad
- Diagnosis, Trematoda
Levine DM; Hillyer GV; Flores SI
1980 Am J Trop Med and Hyg 29 (4) July 602-608 Wa
Fasciola hepatica, mice and rabbits given and not given chemotherapy, diagnosis, comparison of counterelectrophoresis (CEP), enzyme-linked immunosorbent assay (ELISA), and Kato thick-smear stool examinations, ELISA was most sensitive in detecting early infection but CEP was best indicator of chemotherapeutic success

- Diagnosis, Trematoda**
L'Henaff F et al
1980 Bordeaux Med 13 (4) Feb 10 59-62 Wm
Fasciola hepatica, man, hepatobiliary distomatosis presenting with jaundice, differential radiologic diagnosis, surgical management: France
- Diagnosis, Trematoda**
Llewellyn J; Macdonald S; Green JE
1980 J Marine Biol Ass United Kingdom 60 (1) 73-79 Issued Feb Wa
Diclidophora esmarkii, D. luscae, fishes, diagnostic comparison of occurrence, body lengths, anatomical features, clamp sizes, and 'gill preference' of parasites on hosts, host-specificity, implications for use as biological tags of fish stocks: Plymouth
- Diagnosis, Trematoda**
Long EG et al
1981 Tr Roy Soc Trop Med and Hyg 75 (3) 365-371 Wa
Schistosoma mansoni, human, diagnosis, comparison of sensitivity and specificity of ELISA, radioimmunoassay, and stool examination (Bell filtration technique, Kato thick smear), host age effects: St. Lucia, West Indies
- Diagnosis, Trematoda**
Megalhaes A
1980 Rev Hosp Clin S Paulo 35 (3) June 94-98 Wm
polyps of the human large intestine, including schistosomal granulomas, correlations between 500 autopsy findings and 776 radiological examinations
- Diagnosis, Trematoda**
Mitre AI et al
1980 AMB Rev Ass Med Brasil 26 (2) Feb 74-76 Wm
Schistosoma mansoni, man, case report, ectopic infection of bladder presenting as vesicular tumor, diagnosed via endoscopic resection, successfully treated with oxamniquine: Brasil
- Diagnosis, Trematoda**
Moreto M; Barron J
1980 Gastrointest Endoscopy 26 (4) Nov 147-149 Wm
fascioliasis, humans hepatic infections, diagnosis using laparoscopy
- Diagnosis, Trematoda**
Murith D
1981 Rev Suisse Zool 88 (2) June 475-533 Wa
polystomes of anuran amphibians, adult morphology, measurements, spp. differentiated using neotenic and larval forms, larval hooklets and chaetotaxy determine taxonomy, species from Ivory Coast compared with those from Togo and Cameroon
- Diagnosis, Trematoda**
Murith D; Miremad-Gassmann M; Vaucher C
1978 Rev Suisse Zool 85 (3) Sept 681-698 Wa
Polystoma, amphibians, larval posterior hooks
- Diagnosis, Trematoda**
Nozais JP et al
1980 Bull Soc Path Exot 73 (2) Mar-Apr 155-163 Wa
Paragonimus uterobilateralis, P. africanus, Poikilorchis congolensis, humans, differential diagnosis (keys to adults and eggs), distribution in West Africa, probable first and second intermediate hosts, reservoir hosts, pathologic forms, review
- Diagnosis, Trematoda**
Omar A; Sherif MA; Chehata O
1975 Ain Shams Med J 26 (4) July 467-472 Wm
bilharziasis, human ureter, pathology, radiologic diagnostic findings
- Diagnosis, Trematoda**
Owczarek L; Zwozdzia L
1979 Afrique Med (166) 18 Jan 19-21 Wm
schistosomiasis mansoni and intercalatum, humans, serious complications of 292 cases, diagnostic measures: Shaba, Republique du Zaire
- Diagnosis, Trematoda**
Pascal-Suisse P; Peyron JP; Marbot P
1980 Med Trop 40 (2) Mar-Apr 197-210 Wm
ultrasound, principles, techniques, and application to diagnosis of human tropical diseases and parasitic diseases including echinococcosis and schistosomiasis
- Diagnosis, Trematoda**
Petrov AM; Davydova IV
1963 Trudy Vsesoiuz Inst Gel'mint 10 15-26 Wa
Paramphistomum, Calicophoron, Cotylophoron, Ceylonocotyle, differential diagnosis
- Diagnosis, Trematoda**
Pieron R et al
1980 Med Trop 40 (3) May-June 259-264 Wm
Schistosoma haematobium, humans, diagnostic techniques compared (centrifugation of urine, rectal mucosa biopsy, indirect immunofluorescence test)
- Diagnosis, Trematoda**
Rey JL et al
1979 Afrique Med (166) 18 Jan 13-16 Wm
Schistosoma haematobium, humans, clinical signs, distribution by host age and sex, diagnostic value of different signs: Sahel voltaïque
- Diagnosis, Trematoda**
Saif El-Din S et al
1976 Ain Shams Med J 27 (3-4) May-July 323-330 Wm
schistosomal patients with viral hepatitis vs. non-schistosomal patients with viral hepatitis, diagnostic clinical picture, changes in immunoglobulin levels and Australian antigen levels
- Diagnosis, Trematoda**
Sakamoto H et al
1980 Bull Fac Agric Kagoshima Univ (30) Mar 117-122 Wa
Eurytrema coelomaticum, cattle, clinicopathological findings, diagnosis, nitroxylnil treatment: Kagoshima Prefecture
- Diagnosis, Trematoda**
Sannaliev P et al
1981 Ann Parasitol 56 (2) 155-166 Wa
Paramphistomum daubneyi, miracidium, redia, cercaria, superficial argentophilic structures, differentiation from P. microbothrium
- Diagnosis, Trematoda**
Sankale M et al
1979 Bull Soc Path Exot 72 (3) May-June 265-271 Wa
helminthiasis, Europeans returning from tropical areas, evaluation of hypereosinophilia as diagnostic indicator for parasitic diagnostic workup

- Diagnosis, Trematoda
Schutte CHJ et al
1980 South African Med J 58 (2) July 12 71-75
Wm
Schistosoma haematobium, Black schoolchildren, diagnosis, sensitivity and specificity of indirect fluorescent antibody test vs. egg output quantitation in urine samples, single urine specimen seemed adequate unless the infection was weak
- Diagnosis, Trematoda
Short RB; Grossman AI
1981 J Parasitol 67 (5) Oct 661-671 Wa
Schistosoma mansoni, S. rodhaini, conventional Giemsa and C-banded karyotypes with particular attention to sex chromosomes, differences between species
- Diagnosis, Trematoda
Smyth JD
1979 Symposia Brit Soc Parasitol 17 75-101 Wa
possible application of in vitro culture techniques to (a) identification of trematode metacercariae, (b) identification of taeniid eggs, and (c) determination of strain differences in Echinococcus spp.
- Diagnosis, Trematoda
Southgate VR et al
1980 Ztschr Parasitenk 63 (3) 241-249 Wa
Schistosoma bovis isolate from Tanzania, egg morphology, snail infection experiments, enzyme types identified by isoelectric focusing, intraspecific variation
- Diagnosis, Trematoda
Strauss E et al
1980 Hepato-gastro-enterology 27 (2) Apr 99-103 Wm
schistosomiasis and other hepatic diseases, humans, intra-hepatic percutaneous deposition of radioactive xenon as a means of measuring hepatic blood flow, values of patients with hepatic schistosomiasis were not significantly different from normal values
- Diagnosis, Trematoda
Sykes AR; Coop RL; Robinson MG
1980 Research Vet Sc 28 (1) Jan 71-75 Wa
Fasciola hepatica sheep (exper.), chronic subclinical infection, plasma concentrations of some liver enzymes, significance as diagnostic aids
- Diagnosis, Trematoda
Tacla M; Bonafe E; Pimentel ERR
1980 Arq Gastroenterol S Paulo 17 () Jan-Mar 21-25 Wm
Schistosoma mansoni, humans, differential diagnosis from Gaucher's disease
- Diagnosis, Trematoda
Vives L et al
1980 Nouv Presse Med 9 (1) Jan 5 48 Wm
Fasciola hepatica, man, case report, pyopneumothorax as main presenting symptom: France
- Diagnosis, Trematoda
Wachtel EG; Hudson EA
1980 Brit J Hosp Med 23 (3) Mar 256-258 260 262-265 Wm
usefulness of cytology in diagnosing human infections, includes information on amoebiasis, microfilaria, Toxoplasma, schistosomiasis, and Trichomonas vaginalis
- Diagnosis, Trematoda
Wiles WA; Wicks ACB; Thomas GE
1980 South African Med J 57 (5) Feb 2 147-150 Wm
peritoneoscopy, rapid diagnosis of human intra-abdominal problems, includes bilharzial fibrosis, particularly useful in developing countries
- Diagnosis, Trematoda
Wood PB; Crofts JW
1980 Ann Soc Belge Med Trop 60 (4) Dec 395-403 Wa
differential diagnosis of causes of human gross ascites, includes cases of schistosomal periportal fibrosis: north east Zaire
- Diagnosis, Trematoda
Wright CA; Ross GC
1980 Tr Roy Soc Trop Med and Hyg 74 (3) 326-332 Wa
Schistosoma haematobium, S. mattheei, laboratory-bred hybrids, natural hybrids from human infections in Transvaal, biological features, identification by isoelectric focusing of enzymes, possible practical implications
- Diagnosis, Trematoda
Zahrán MM; Badr MM
1980 Am J Trop Med and Hyg 29 (4) July 576-581 Wa
Schistosoma haematobium, patients with bilharzial uro-obstructive lesions, assessment of renal, ureteral, and bladder functional status by means of Hippuran I³¹ extended renography technique
- Diagnosis, Trematoda
Zillmann U; Voelker J
1980 Tropenmed u Parasitol 31 (1) Mar 15-20 Wa
Paragonimus ecuadoriensis, species characterization by isoenzyme electrophoresis, comparison with P. africanus and P. uterobilateralis
- Diagnosis, Xenodiagnosis
Abramo Orrego L et al
1980 Medicina Buenos Aires 40 Suppl (1) 56-62 Wm
Trypanosoma cruzi, diagnosis, exper. study comparing various culture methods and xenodiagnosis
- Diagnosis, Xenodiagnosis
Barretto AC et al
1981 Rev Inst Med Trop S Paulo 23 (1) Jan-Feb 18-27 Wm
Dipetalogaster maximus (vectors of Trypanosoma cruzi), biology, large scale cultivation, possibly most suitable triatomid for xenodiagnosis
- Diagnosis, Xenodiagnosis
Christensen HA; Herrer A
1979 J Med Entom 16 (5) Nov 23 424-427 Wa
Trypanosomatidae from Choloepus hoffmanni, xenodiagnostic feeding trials with Lutzomyia spp., comparison with biopsy-culture technique
- Diagnosis, Xenodiagnosis
Corsini AC; Oliveira OLP; Costa MG
1980 Ztschr Parasitenk 64 (1) 85-93 Wa
Trypanosoma cruzi, highly resistant mice, humoral suppression to sheep red blood cells in both acute and chronic stages of infection, importance of timing between infection and antigen presentation, parasitaemia, xenodiagnosis

- Diagnosis, Xenodiagnosis
Costa CHN et al
1981 Tr Roy Soc Trop Med and Hyg 75 (3) 405-408
Wa
Trypanosoma cruzi, human, xenodiagnosis, skin reactions to bites of 2 bug species (Triatoma infestans and Dipetalogaster maxima): Brazil
- Diagnosis, Xenodiagnosis
Krampitz HE
1981 Tr Roy Soc Trop Med and Hyg 75 (1) 155-157
Wa
Hepatoozon erhardovae, sexual development in Xenopsylla cheopis (exper.), sporozoite indices in xenodiagnosis
- Diagnosis, Xenodiagnosis
Neal RA; de Deffis M; Segura EL
1980 Tr Roy Soc Trop Med and Hyg 74 (4) 550-551
Wa
Trypanosoma cruzi, Triatoma infestans from 2 laboratory colonies, comparison of susceptibility to infection and capacity to reveal very low sub-patent infections by xenodiagnosis
- Diapause See Life cycle
- Diarrhea
Anderson BC
1981 J Am Vet Med Ass 178 (9) May 1 982-984 Wa
Cryptosporidium-like organisms, diarrheic dairy calves, evaluation of fecal flotation, diagnosis; pattern of shedding oocysts in feces: Idaho
- Diarrhea
Angus KW et al
1981 Vet Rec 108 (8) Feb 21 173 Wa
cryptosporidium oocysts and yeasts, cattle, differential diagnosis using Grocott-Gomori methanamine silver stained faecal smears taken during field outbreaks of diarrhoea
- Diarrhea
Bergeland ME; Johnson DD; Shave H
1979 Proc 22 Ann Meet Am Ass Vet Lab Diagn (San Diego California Oct 28-30 1979) 131-138
Wa
Cryptosporidia [sp.], diarrheal calves (ileum, feces), monthly incidence, mixed infections (bacteria and viruses), direct smear technique vs. histologic examination, diagnosis: South Dakota; Minnesota; Iowa; Nebraska; North Dakota
- Diarrhea
Black RE et al
1980 J Infect Dis 142 (5) Nov 660-664 Wa
enteric pathogens associated with diarrhea, humans, includes Giardia lamblia and Entamoeba histolytica: rural Bangladesh
- Diarrhea
Black RE et al
1981 Am J Epidemiol 113 (4) Apr 445-451 Wa
handwashing program for staff and children in day-care centers helps prevent diarrhea resulting from pathogens such as Giardia lamblia
- Diarrhea
Brandborg LL et al
1980 Gastroenterology 78 (6) June 1602-1614 Wa
Giardia lamblia, man who had vacationed in Tahiti, case report; discussion of traveler's diarrhea and giardiasis (epidemiology, pathogenesis, diagnosis, asymptomatic infections, pathology, G. muris in mouse model, treatment)
- Diarrhea
Castor B
1981 Lakartidningen 78 (10) Mar 4 950-951 Wm
Giardia lamblia, institutionalized mentally retarded tubercular and psychiatric patients with diarrhea, occurrence in 3 institutions, management with tinidazole and improved hygiene: Sweden
- Diarrhea
Cooper BT; Hodgson HJF; Chadwick VS
1981 Digestion 21 (2) 115-116 Wa
Hymenolepis nana, young Indian man, 6-month history of diarrhea, dichlorophen therapy resulted in disappearance of symptoms and infestation: England
- Diarrhea
Cutting WAM
1979 Ann Soc Belge Med Trop 59 (3) Sept 221-235
Wa
management of diarrhea in children at the primary care or peripheral level, includes mention of Giardia lamblia and Entamoeba histolytica
- Diarrhea
Du Pont HL
1981 Tr Roy Soc Trop Med and Hyg 75 (1) 137-140
Wa
travellers' diarrhea, review, Giardia lamblia and Entamoeba histolytica among etiologic agents
- Diarrhea
Echeverria P et al
1981 J Infect Dis 143 (6) June 767-771 Wa
travelers' diarrhea, incidence in Peace Corps volunteers, Entamoeba histolytica included as cause: rural Thailand
- Diarrhea
Eustis SL; Nelson DT
1981 Vet Path 18 (1) Jan 21-28 Wa
coccidia and their interaction with other pathogens, nursing piglets, enteritis, diarrhea
- Diarrhea
Goh KT
1979 Asian J Infect Diseases 3 (2) June 47-56
Wm
epidemiology of diarrhoeal diseases in Singapore, review, includes information on Giardia lamblia and Entamoeba histolytica
- Diarrhea
Groupe de Travail Scientifique Epidemiologie et Etiologie
1981 Bull World Health Organ 59 (2) 175-187 Wa
parasite-related diarrhea, humans, review of current aspects (epidemiology, diagnosis, pathology, immunology, treatment)
- Diarrhea
Hirai K et al
1980 Japan J Vet Sc 42 (5) Oct 615-617 Wa
Giardia [sp.] in Melopsittacus undulatus, outbreak in commercial aviary causing diarrhea, depression, and death, dimetridazole treatment: Aichi Prefecture, Japan

- Diarrhea
Ljungstroem I et al
1980 Infect and Immun 30 (3) Dec 734-740 Wa
Trichinella spiralis, mice, effect of parasite infection on intestinal fluid transport in concomitant enterotoxic diarrhea (cholera) and on local and systemic antibody formation to cholera toxin immunization
- Diarrhea.
McClure HM; Strobert EA; Healy GR
1980 Lab Animal Sc 30 (1) Feb 890-894 Wa
Blastocystis hominis in Macaca nemestrina, chronic diarrhea, cytologic and ultrastructural features comparable to similar organisms reported from man, case report
- Diarrhea
Moesgaard F; Steven K; Engbaek K
1981 Acta Med Scand 209 (4) 333-334 Wm
Strongyloides stercoralis, man, case report, associated with severe diarrhea and abnormal colonization of duodenum with Hafnia alvei, both conditions cleared with mebendazole, diagnostic significance of presenting symptoms: Denmark, formerly from Israel
- Diarrhea
Monaghan H et al
1980 Arch Dis Childhood 55 (9) Sept 715-716 Wa
Giardia lamblia, infants with diarrhea, incidence by age, sex, and site of infection, responses to metronidazole
- Diarrhea
Morin M; Robinson Y; Turgeon D
1980 Canad Vet J 21 (2) Feb 65 Wa
intestinal coccidiosis as cause of baby pig diarrhea
- Diarrhea
Munoz C, P et al
1980 Rev Chilena Pediat 51 (6) Nov-Dec 407-410 Wm
enteroparasites (single infections or mixed viral or bacterial infections), young infants, importance as a cause of acute diarrheal syndrome, diagnostic incidence survey shows that Entamoeba histolytica is frequently implicated as a cause and should always be included in differential diagnosis: Chile
- Diarrhea
Poelvoorde J; Berghen P
1981 Research Vet Sc 31 (1) July 10-13 Wa
Oesophagostomum dentatum, repeated daily mass infection in pigs fed limited ration, severe diarrhoea and anorexia, average body-weights, blood and plasma analyses, histopathology of ileum, colon, and caecum, number of larvae in incubated and digested tissue and total number of larvae in intestinal lumen
- Diarrhea
Roberts L; Walker EJ
1981 Vet Rec 108 (3) Jan 17 62 Wa
Isospora suis and rotavirus as causal agents of diarrhea in unweaned piglets, survey of 9 herds, treatment: north east Scotland
- Diarrhea
Ryder RW et al
1981 J Infect Dis 144 (5) Nov 442-448 Wa
travelers' diarrhea in Panamanian tourists, etiologic and epidemiologic survey, includes Giardia lamblia and Entamoeba histolytica: Mexico
- Diarrhea
Sherr HP
1980 Med Times NY 108 (8) Aug 76-89 Wm
persistent diarrhea, causes in humans, includes diagnosis of Giardia using bowel biopsy or new technique called Enterotest
- Diarrhea
Snodgrass DR et al
1980 Vet Rec 106 (22) May 31 458-460 Wa
cryptosporidia, rotavirus, and Escherichia coli in calves during scour outbreak: Lanarkshire, Scotland
- Diarrhea
Stuart BP; Lindsey DS; Ernst JV
1979 Proc 2 Internat Symp Neonatal Diarrhea (Univ Saskatchewan Oct 3-5 1978) 371-380 Wa
coccidia as cause of scours, baby pigs, pathology, amprol, mixed infections with Strongyloides ransomi and other enteropathogens: swine farms, South Georgia
- Diarrhea
Tzipori S et al
1980 Infect and Immun 30 (3) Dec 884-886 Wa
Cryptosporidium (isolated from calves with diarrhea) infected (with or without causing enteritis) 7 different species of animals, other isolates (from calves, lamb, adult human) also showed similar lack of host specificity, indirect evidence that cryptosporidiosis should be regarded as potential zoonosis, strong evidence to suggest that Cryptosporidium is single-species genus
- Diarrhea
Tzipori S et al
1980 N England J Med 303 (14) Oct 2 818 Wa
Cryptosporidium [sp.], man (feces), cause of vomiting and diarrhea, diagnosis by Giemsa-stained fecal smear
- Diarrhea
Tzipori S et al
1980 Vet Rec 107 (25-26) Dec 20-27 579-580 Wa
Cryptosporidium [sp.], suckling calves (nat. and exper.), outbreak of diarrhea
- Diarrhea
Tzipori S et al
1981 Am J Vet Research 42 (8) Aug 1400-1404 Wa
Cryptosporidium, calves (exper.), (small and large intestines), diarrhea, histopathology, relationship between age at inoculation, incubation period, and clinical signs of infection
- Diarrhea
Tzipori S et al
1981 J Clin Microbiol 14 (1) July 100-105 Wa
Cryptosporidium sp. as cause of diarrhea in artificially-reared lambs (nat.) and specific-pathogen-free lambs (exper.) (small and large intestine, feces of both), clinical manifestations and histopathology, subclinical infections in specific-pathogen-free mice and rats (both exper.) (small intestine and feces of both)
- Diarrhea
Tzipori S et al
1981 Infect and Immun 33 (2) Aug 401-406 Wa
Cryptosporidium sp., enterotoxigenic Escherichia coli, rotavirus, lambs (exper.), single and mixed infections, clinical and pathological manifestations, age susceptibility

- Diarrhea
Tzipori S et al
1981 J Infect Dis 144 (2) Aug 170-175 Wa
Cryptosporidium [sp.], artificially reared red deer calves (cecum, colon, jejunum, upper and terminal ileum), possible association between severe diarrhea of deer and parasite infection, serological relationship established (by indirect immunofluorescence) between Cryptosporidium isolated from the deer and bovine Cryptosporidium associated with earlier outbreak in suckled beef calves raised at the same research station, deer C. [sp.] also infected new-born specific pathogen-free mice: Scotland
- Diet and nutrition [See also Vitamins]
- Diet and nutrition, Host
Akpom CA
1981 Tr Roy Soc Trop Med and Hyg 75 (3) 444-446 Wa
Schistosoma mansoni, response induced in normal healthy mice by eggs that were recovered from severely protein-deficient mice, concluded that suppression of host cellular immunity may not be only factor that explains suppression of granulomatous response to eggs in severe protein malnutrition
- Diet and nutrition, Host
Alfredsen SA
1980 Vet Rec 107 (8) Aug 23 179-180 Wa
sows fed whey had fewer ascarid eggs in faeces than those given water: southwestern Norway
- Diet and nutrition, Host
Anderson RM
1979 20 Symposium Brit Ecol Soc 245-281 Wa
parasites, influence on host survival and reproduction (direct effects, increased susceptibility to predation, reduced competitive fitness), dynamical properties of persistent and transient infection within separate population models, host nutritional status and impact of infection
- Diet and nutrition, Host
Attia MES; Fathy IM; Attia AMN
1979 Vet Med J Giza 26 (26) 1978 65-74 Issued Aug 8 Wa
Eimeria tenella, chickens, increased host resistance with vitamin C dietary supplement
- Diet and nutrition, Host
Brockelman CR; Sithithavorn P
1980 Ztschr Parasitenk 62 (3) 285-291 Wa
Achatina fulica, carbohydrate reserves and hemolymph sugars in relation to Angiostrongylus cantonensis infection and starvation
- Diet and nutrition, Host
Brown KH et al
1980 Am J Clin Nutrition 33 (9) Sept 1975-1982 Wa
Ascaris lumbricoides, children with varying worm burdens, changes in macronutrient absorption from a rice-vegetable diet before and after treatment for parasites, treatment of ascariasis may be nutritionally advantageous for children with heavy worm burdens and marginal protein availability
- Diet and nutrition, Host
Butorina TE
1975 Parazitologiya Leningrad 9 (3) May-June 237-246 Wa
parasite fauna of different intraspecific forms of Salvelinus alpinus, dynamics in relation to host age and feeding habits; some observations on life cycle, development, and maturation periods of parasites: Azabach'e lake basin, Kamchatka
- Diet and nutrition, Host
Callinan APL
1980 Austral Vet J 56 (10) Oct 484-486 Wa
Linognathus vituli, calves with artificially induced infestations, effects of host nutrition and self-grooming on development and pathogenicity
- Diet and nutrition, Host
Carswell F et al
1981 Am J Clin Nutrition 34 (7) July 1292-1299 Wa
parasitic infections, nutritional status, and globulin titers in 2 populations of school children, parasites, notably malaria, are important determinants of serum antibodies in children in the tropics and mild undernutrition probably has little effect: Tanzania
- Diet and nutrition, Host
Crompton DWT et al
1981 Internat J Parasitol 11 (6) Dec 457-461 Wa
Moniliformis dubius-infected male and female rats fed on diets containing growth-limiting amounts of fructose, food intake, weight gain, and blood sugar; numbers, sex ratio, dry weight, and location of parasites in small intestine of hosts; results can be interpreted to suggest competition for dietary fructose between parasite and host
- Diet and nutrition, Host
Crompton DWT; Hall A
1981 Parasitology 82 (4) July 31-48 Wa
parasitic infection and host nutrition, Workshop Proceedings, 3. European Multicolloquium of Parasitology
- Diet and nutrition, Host
Crompton DWT; Walters DE; Arnold S
1981 Parasitology 82 (1) Feb 23-38 Wa
Nippostrongylus brasiliensis-infected protein-malnourished rats, daily food intake and related changes in body weight
- Diet and nutrition, Host
Davidson WR et al
1980 J Wildlife Dis 16 (4) Oct 499-508 Wa
Haemonchus contortus in Odocoileus virginianus, monthly (Oct.-Mar.) prevalence and intensity of infection in fawns and adults, haemonchosis/malnutrition syndrome, geographic distribution, worm recovery rates, prepatent periods, and egg production in immunized vs. nonimmunized deer exposed to challenge suggested a naturally-acquired immunity: Georgia; South Carolina; Florida
- Diet and nutrition, Host
DeMaeyer EM
1979 Proc Internat Symp Nutritional Problems Childhood (Modena May 5-7 1978) 133-141 Wa
association between human malnutrition and resistance to infection

- Diet and nutrition, Host
DeVaney JA et al
1980 Poultry Science 59 (8) Aug 1745-1749 Wa
Ornithonyssus sylviarum, Menacanthus stramineus, 30 strains of egg-type hens, dispersal patterns in poultry house, no indications of host resistance, dietary regimens had no effect on parasite populations
- Diet and nutrition, Host
Doube BM; Wharton RH
1980 Experientia 36 (10) Oct 15 1178-1179 Wa
Boophilus microplus, seasonal cycle in expression of acquired resistance in cattle with previous tick experience occurs irrespective of breed and nutritional state, differences in magnitude and timing of cycle between bulls and steers at 1 locality and between steers at 2 localities: Queensland, Australia
- Diet and nutrition, Host
Duncombe VM et al
1980 Austral J Exper Biol and Med Sc 58 (1) Feb 19-26 Wa
Giardia muris, mice, effect of iron deficiency, protein deficiency, and dexamethasone on infection, re-infection, and tinidazole treatment
- Diet and nutrition, Host
Duncombe VM et al
1981 Am J Clin Nutrition 34 (3) Mar 400-403 Wa
Nippostrongylus brasiliensis-infected rats fed a low protein diet, delayed worm expulsion, syngeneic bone marrow cell transfer from immune or nonimmune donors resulted in accelerated worm expulsion
- Diet and nutrition, Host
Edirisinghe JS; Fern EB; Targett GAT
1981 Tr Roy Soc Trop Med and Hyg 75 (4) 591-593 Wa
Plasmodium berghei, rats, development of parasitaemia, effect of varying protein content of diet and protein to energy ratio of diet, results indicate protein restriction can serve to protect host against serious infection
- Diet and nutrition, Host
Ette SI; Dickerson JWT
1979 Niger Med J 9 (3) Mar 361-365 Wm
Plasmodium berghei, effect of infection on serum proteins and trace element concentrations in rats offered peasant farmer's (low protein) diet
- Diet and nutrition, Host
Ferguson A; Logan RFA; MacDonald TT
1980 Gut 21 (1) Jan 37-43 Wm
Nippostrongylus brasiliensis, Giardia muris, mice on elemental diet, increased mucosal damage during parasite infections
- Diet and nutrition, Host
Flavell DJ et al
1980 Acta Trop 37 (4) Dec 337-350 Wa
Opisthorchis viverrini-infected golden hamsters maintained on high and low protein diets, liver histopathology
- Diet and nutrition, Host
Forsum E; Nesheim MC; Crompton DWT
1981 Parasitology 83 (3) Dec 497-512 Wa
Ascaris suum, young pigs receiving diets low in protein, effects of infection on growth, food intake, nitrogen and fat utilization, intestinal disaccharidase activity, lactose tolerance, and weight of intestinal tract
- Diet and nutrition, Host
Gingrich RE
1980 Vet Parasitol 7 (3) Nov 243-254 Wa
Hypoderma lineatum, cattle, innate and acquired resistance, effects of host age, previous infestation, vitamin A deficiency, route and site of infestation
- Diet and nutrition, Host
Haller L; Lauber E
1980 Acta Trop 37 (4) Suppl 11 Dec 63-73 Wa
parasites in school children, influence on growth: Ivory Coast
- Diet and nutrition, Host
Haller L; Lauber E
1980 Acta Trop 37 (4) Suppl 11 Dec 110-119 Wa
parasites in school children, relationship to serum levels of vitamins: Ivory Coast
- Diet and nutrition, Host
Harlos J; Brust RA; Galloway TD
1980 Canad J Zool 58 (2) Feb 215-220 Wa
Culicimermis sp. reared through 4 successive generations in Aedes vexans, effect of host diet, host sex, and multiple parasitism on size of postparasites, effect of parasitism on ovarian development of host: Manitoba, Canada
- Diet and nutrition, Host
Henry FJ
1981 Tr Roy Soc Trop Med and Hyg 75 (4) 507-513 Wa
Children studied with regard to anthropometry, intestinal helminths (Ascaris and Trichuris), diarrhoea and other illnesses, findings related to different levels of sanitation and water supplies, possibility of malnutrition being secondary to illness rather than primary: St. Lucia, West Indies
- Diet and nutrition, Host
Hussein L et al
1981 Nutrition Rep Internat 23 (5) May 901-913 Wa
Giardia lamblia, Ascaris lumbricoides, school children, anemia, effect of low levels of iron supplementation (alone and in combination with anthelmintic treatment) on hemoglobin levels: Kafr-Bifna, Egypt
- Diet and nutrition, Host
Kaya HK; Moon RD
1980 Ann Entom Soc Am 73 (5) Sept 547-552 Wa
Heterotylenchus autumnalis development, influence of protein in diet of host, Musca autumnalis
- Diet and nutrition, Host
Kistner TP; Wyse D; Schmitz JA
1979 J Wildlife Dis 15 (3) July 419-420 Wa
Nanophyetus salmincola in Felis concolor (small intestine), histopathology, malnutrition as cause of death, first case of pathogenicity attributed to adult trematodes of this species: Lane County, Oregon
- Diet and nutrition, Host
Koopman JP; Kennis HM; van der Gulden WJI
1981 Ztschr Versuchstierk 23 (4) 226-230 Wa
influence of composition of host diet on gastro-intestinal colonization resistance against bacteria and Aspiculuris tetraptera in mice

- Diet and nutrition, Host
Krishna Das KV
1980 J Ass Physicians India 28 (12) Dec 521-533
Wm
nutritional anaemias, includes helminths as a major cause in children (survey by age groups): India
- Diet and nutrition, Host
Lankester MW; Snider JB; Jerrard RE
1979 Canad J Zool 57 (12) Dec 2355-2357 Wa
Paramphistomum cervi, annual maturation in Alces alces, possible influence of host diet
- Diet and nutrition, Host
Martin J
1980 Parasitology 80 (1) Feb 39-47 Wa
Nippostrongylus brasiliensis-infected rats maintained on low protein diet, scanning electron microscopy of small intestinal pathology
- Diet and nutrition, Host
Martin J
1981 Parasitology 83 (1) Aug 43-50 Wa
Nippostrongylus brasiliensis, acetylcholinesterase activity in male and female worms during course of primary infection in normal and in protein-deficient rats, possible reasons for changes in enzyme production, may be related to immune response
- Diet and nutrition, Host
Mascaro-Lazcano MC; Guevara-Pozo D
1977 Rev Iber Parasitol 37 (1-2) Jan-June 73-80 Wa
Trichinella spiralis-infected albino mice, diet deficient in vitamin E had no effect on parasite infestation while diet deficient in pantothenic acid caused adult parasites to remain longer in host intestine
- Diet and nutrition, Host
Meakins RH; Harland PSEG; Carswell F
1981 Tr Roy Soc Trop Med and Hyg 75 (5) 731-735
Wa
helminthiasis and malnutrition among school-children, preliminary survey; immediate skin hypersensitivity tests for Ascaris and Schistosoma proved unreliable: Tanzania
- Diet and nutrition, Host
Misra A; Katiyar JC; Sen AB
1980 Indian J Exper Biol 18 (8) Aug 906-909 Wa
Nippostrongylus brasiliensis, rats, factors modifying therapeutic efficacy of thiabendazole (worm burden, host resistance, age of parasite, and starvation altered efficacy; host age and weight and concurrent infection with Hymenolepis nana did not)
- Diet and nutrition, Host
Murray MJ; Murray AB; Murray NJ
1980 Yale J Biol and Med 53 (4) July-Aug 295-306 Wa
ecological interdependence of diet and disease (including parasitism) in tribal societies which favors survival of man, Western dietary changes may result in intensification of indigenous disease
- Diet and nutrition, Host
Noblet GP; Gore TC; Noblet R
1980 J Protozool 27 (2) May 190-192 Issued July 17 Wa
Leucocytozoon smithi, effects of host feeding schedules on diurnal periodicity of gametocytes in peripheral blood of domestic turkeys
- Diet and nutrition, Host
Paes RAP; Chieffi PP; d'Andretta Neto C
1979 Rev Inst Adolfo Lutz 39 (2) Dec 171-178
Wa
Strongyloides stercoralis, generalized infestation in children with severe malnutrition, thymus gland atrophy, histopathology, report of 2 fatal cases: Sao Paulo
- Diet and nutrition, Host
Parshad VR; Crompton DWT; Nesheim MC
1980 Proc Roy Soc London s B Biol Sc (1175) 209 Aug 13 299-315 Wa
Moniliformis in rats fed on various monosaccharides and disaccharides, parasite growth, reproductive activity, and distribution in host intestine
- Diet and nutrition, Host
Peters W; Ramkaran AE
1980 Ann Trop Med and Parasitol 74 (3) June 275-282 Wa
Plasmodium yoelii, P. berghei, beneficial effect on transmission of p-aminobenzoic acid supplement in diet of Anopheles stephensi or mouse hosts, may be used to increase infection rates and infection densities; sulphadoxine (which blocks PABA uptake) had opposite action
- Diet and nutrition, Host
Petersen JJ
1981 J Invert Path 37 (3) May 290-294 Wa
Octomyomermis muspratti, infectivity for Culex pipiens over range of salinities and dilutions of organically rich tree-hole water (comparison with Romanomermis culicivorax), effect of host diet, host density, and worm burden on parasite male-female sex ratios, longevity of laboratory cultures subjected to continual intermittent floodings, advantages of O. muspratti over R. culicivorax as potential biological control agent for mosquitoes
- Diet and nutrition, Host
Prasad R et al
1980 Internat J Parasitol 10 (2) Apr 93-96 Wa
Litomosoides carinii, albino rats, thiamine deficiency, greater susceptibility to infection, synergistic role in immunosuppressive effect of infection; antibody-dependent adhesion of splenic cells to microfilariae
- Diet and nutrition, Host
Prasad R et al
1980 Tr Roy Soc Trop Med and Hyg 74 (4) 459-462
Wa
Litomosoides carinii, pyridoxine-deficient albino rats, no development or establishment of parasite, inhibition of humoral immune response
- Diet and nutrition, Host
Prichard RK et al
1981 Austral J Exper Biol and Med Sc 59 (5) Oct 567-573 Wa
Nippostrongylus brasiliensis-infected rats, effect of iron and protein deficiency on plasma levels and parasite uptake of fenbendazole
- Diet and nutrition, Host
Pugh RNH; Burrows JW; Bradley AK
1981 Ann Trop Med and Parasitol 75 (3) June 281-292 Wa
intestinal parasites, human, prevalence and intensity, host age and sex, special emphasis on Schistosoma mansoni, Necator americanus, and Giardia lamblia (possible association of latter with impaired nutritional status and poor water supply): Malumfashi area, Nigeria

- Diet and nutrition, Host
 Roberts AB et al
 1981 J Trop Pediat 27 (2) Apr 78-82 Wm
 malnutrition and anaemia in Gilbertese pre-school children, a case-finding and epidemiological survey, includes importance of hookworm in etiology: Gilbert Islands
- Diet and nutrition, Host
 Rollwagen J; Stainken D
 1980 Am Mid Nat 103 (1) Jan 185-190 Wa
 Neascus cuticola on Rhinichthys atratulus (ectoparasitic), no apparent effect on host feeding behavior and food sources exploited; site preference, variation with water temperature and host length: Blind Brook, Westchester Co., N. Y.
- Diet and nutrition, Host
 Rondelaud D; Barthe D
 1980 Ztschr Parasitenk 61 (2) 187-196 Wa
 Fasciola hepatica-infected Lymnaea truncatula (exper.), ameobocytic reaction, relationship to uniform and fluctuating temperatures, host age, and food supply
- Diet and nutrition, Host
 Rondelaud D; Barthe D
 1980 Ztschr Parasitenk 62 (1) 95-104 Wa
 Fasciola hepatica, parthenitae, degeneration or without development in Lymnaea truncatula (exper.), influence of snail breeding temperature, body volume of snail, and drying of ground on degeneration
- Diet and nutrition, Host
 Rose AH; Turner KJ
 1980 Internat Arch Allergy and Applied Immunol 61 (3) 271-277 Wm
 Balb/c mice, effect of low protein diet on IgE antibody responses to ovalbumin and Ascaris suum body fluid proteins
- Diet and nutrition, Host
 Ruff MD; Chute MB
 1980 Poultry Science 59 (4) Apr 697-701 Wa
 Eimeria spp., Hubbard breeder pullets (exper.), interrelationship of feeding regimen (ad libitum vs. restricted), anticoccidial drug efficacy, and development of coccidial immunity
- Diet and nutrition, Host
 Schom C; Novak M; Evans WS
 1981 Parasitology 83 (1) Aug 77-90 Wa
 Hymenolepis citelli in Tribolium confusum, effect of host starvation prior to infection, parasite population size, host sex, and host genotype on host mortality or survival and on rate of parasite development, evaluation of results from genetic and evolutionary point of view
- Diet and nutrition, Host
 Scott ME; McLaughlin JD; Rau ME
 1979 Canad J Zool 57 (11) Nov 2128-2135 Wa
 Typhlocoelum cucumerinum cymbium, T. c. cucumerinum, prevalence, abundance, and intensity of infection, seasonal, age, and sex differences in wild ducks; positive correlation between infections and occurrence of snails in diet
- Diet and nutrition, Host
 Sharp PT; Harvey P
 1980 Papua N Guinea Med J 23 (3) Sept 132-140 Wm
 Plasmodium falciparum and P. vivax, contributing factor to stunting of growth (expression of malnutrition) in young children, suggested prophylactic and/or control measures: Highlands Valley, Papua New Guinea
- Diet and nutrition, Host
 Sherif SM et al
 1977 Ain Shams Med J 28 (1-2) Jan-Mar 31-45 Wm
 schistosomal polyposis of colon, humans, accompanied by intestinal malabsorption resulting in cachexia and malnutrition, pathology compared with patients with schistosomal liver fibrosis and with normal controls
- Diet and nutrition, Host
 Skorpjng A
 1980 J Fish Biol 16 (5) May 483-492 Wa
 Camallanus lacustris in Perca fluviatilis, pattern and structure of infection, seasonal incidence and intensity, site preference (gut) in host, host diet, sex, and size factors: Lake Lille Aklungen, vicinity of Oslo, Norway
- Diet and nutrition, Host
 Slingenbergh J; Mohammed AN; Bida SA
 1980 Vet Quart 2 (2) Apr 90-94 Wa
 Demodex mite-infested cows, clinical condition, morphology of mites; changes in number and appearance of skin lesions related to level of nutrition and exposure to sunshine: northern Nigeria
- Diet and nutrition, Host
 Sneller VP; Dadd RH
 1981 Exper Parasitol 51 (2) Apr 169-174 Wa
 Brugia pahangi, development in Aedes aegypti reared axenically on defined synthetic diet vs. in conventionally reared A. aegypti
- Diet and nutrition, Host
 Sneller VP; Dadd RH
 1981 Exper Parasitol 51 (3) June 335-340 Wa
 Brugia pahangi, growth and development improvement with lecithin in diet of axenically reared hosts, Aedes aegypti
- Diet and nutrition, Host
 Soehadi et al
 1980 Paediat Indonesiana 20 (1-2) Jan-Feb 7-13 Wm
 Giardia lamblia, children with protein calorie malnutrition, results of lipidol absorption test show that the lower the nutritional status the higher the risk of Giardia infection: Yogyakarta
- Diet and nutrition, Host
 Sood ML; Dang HR
 [1980] Riv Parassitol Roma 39 (2-3) 1978 113-115 Issued Jan Wa
 Diplotriaeana bhamoensis in Acridotheres tristis, A. ginginianus, intensity of infection in relation to host sex, diet, and season
- Diet and nutrition, Host
 Stephenson LS
 1980 Parasitology 81 (1) Aug 221-233 Wa
 Ascaris lumbricoides, contribution to malnutrition in children, review with recommendations for further research and for control of ascariasis

- Diet and nutrition, Host
Stephenson LS et al
1980 Exper Parasitol 49 (1) Feb 15-25 Wa
Ascaris suum-infected young pigs, nutrient (protein and fat) absorption, growth, and intestinal pathology
- Diet and nutrition, Host
Stephenson LS et al
1980 Am J Clin Nutrition 33 (5) May 1165-1172 Wa
Ascaris lumbricoides-infected pre-school children, even light infections may adversely influence nutritional status and deworming may enhance growth: Kenya
- Diet and nutrition, Host
Sykes AR; Coop RL; Rushton B
1980 Research Vet Sc 28 (1) Jan 63-70 Wa
Fasciola hepatica, sheep (exper.), chronic subclinical infection, effects on food intake, food utilisation and blood constituents
- Diet and nutrition, Host
Symons LEA; Hennessy DR
1981 Internat J Parasitol 11 (1) Feb 55-58 Wa
Trichostrongylus colubriformis-infected sheep, anorexia may be due to or mediated by higher plasma concentrations of cholecystokinin
- Diet and nutrition, Host
Symons LEA; Steel JW; Jones WO
1981 Austral J Agric Research 32 (1) 139-148 Wa
Ostertagia circumcincta, lambs (exper.), effects of level of larval intake on productivity and physiological and metabolic responses
- Diet and nutrition, Host
Turner KJ; Sumarmo; Sutejo
1978 Asian J Infect Dis 2 (3) Sept 193-203 Wm
The influence of parasitism on the expression of immediate-type hypersensitivity reactions and serum immunoglobulin levels in malnourished children
- Diet and nutrition, Host
Valtonen ET
1980 J Fish Biol 17 (1) July 1-8 Wa
Metechinorhynchus salmonis in Coregonus lavaretus, incidence of infection and host diet: Bothnian Bay
- Diet and nutrition, Host
Vinayak VK et al
1981 Ann Trop Med and Parasitol 75 (4) Aug 397-400 Wm
Entamoeba histolytica, rats fed low protein diet were more susceptible to infection and had severe caecal lesions compared with controls, hepatic lesions seen in one animal fed low protein diet for 14 days, malnourished rats had lower indirect haemagglutinating antibody titres than controls
- Diet and nutrition, Host
Walzer PD et al
1980 Infect and Immun 27 (3) Mar 928-937 Wa
Pneumocystis carinii infection in rats administered corticosteroids and low-protein diet, clinical course, parasite growth characteristics, quantitation of cysts, correlation with histopathology, long-term effects in host after steroid dose has been tapered
- Diet and nutrition, Host
Wilgus HS
1980 Poultry Science 59 (4) Apr 772-781 Wa
interactions between vitamins and viral, bacterial, and parasitic diseases in poultry, review, practical implications
- Diet and nutrition, Host
Willis GM; Baker DH
1981 J Nutrition 111 (7) 1157-1163 Wa
Eimeria acervulina-infected chicks (exper.) fed diets deficient in amino acid had increased rate and efficiency of weight gain while those fed adequate diets had expected severe growth depression, response resulted from parasitic infection per se and not from components of inoculum
- Diet and nutrition, Host
Wilson AJ
1979 J South African Vet Ass 50 (4) Dec 293-295 Wa
Anaplasma marginale, Bos indicus (nat. and exper.), effect of host nutrition, breed, and age on pathogenesis of anaplasmosis, natural transmission in endemic areas indicated that introduced cattle should not adversely affect enzootic stability: north Queensland
- Diet and nutrition, Host
Wilson D et al
1980 Rev Saude Pub S Paulo 14 (3) Sept 300-309 Wm
nutritional status and intestinal parasites, homeless children living in institution, survey, most had evidence of poor nutrition and many had high incidence of Hymenolepis nana (one of highest on record in Brazilian literature): Sao Paulo State, Brazil
- Diet and nutrition, Parasite
Adams TS; Holt GG; Sundet WD
1979 J Med Entom 15 (2) Feb 8 124-131 Wa
Cochliomyia hominivorax females, olfactometer bioassay for study of screwworm attractants, physical and physiological conditions that influence attraction, effect of diet on attractancy
- Diet and nutrition, Parasite
Avila JL; Avila A
1981 Exper Parasitol 51 (3) June 318-324 Wa
Trypanosoma cruzi, nucleotide and vitamin requirements of growing epimastigotes assessed using defined culture medium
- Diet and nutrition, Parasite
Barrett J
1981 Biochemistry of parasitic helminths 308 pp London (MacMillan Publishers Ltd) Wa(QL392.B3)
- Diet and nutrition, Parasite
Bienen EJ; Hammadi E; Hill GC
1981 Exper Parasitol 51 (3) June 408-417 Wa
Trypanosoma brucei brucei, reproducible in vitro system for study of transformation of bloodstream- to procyclic-trypomastigotes, morphological changes, nutritional requirements, respiration
- Diet and nutrition, Parasite
Binnington KC; Lane NJ
1980 J Neurocytol 9 (3) June 343-362 Wm
Boophilus microplus, changes in glycogen levels in perineurial cells during feeding, suggests that major function of these cells is trophic, ultrastructural study of perineurial and glial cells

- Diet and nutrition, Parasite
Bogitsh BJ
[1980] J Parasitol 65 (6) Dec 1979 964-966 Issued Apr 2 Wa
Schistosoma mansoni, in vitro effects of actinomycin-D on gastrodermis of schistosomules, treated schistosomules were incapable of ingesting red blood cells
- Diet and nutrition, Parasite
Chen SN; Howells RE
1981 Exper Parasitol 51 (2) Apr 296-306 Wa
Brugia pahangi, uptake and incorporation of nucleic acid precursors by microfilariae and macrofilariae in vitro
- Diet and nutrition, Parasite
Cornford EM; Bocash WD; Oldendorf WH
1981 J Parasitol 67 (1) Feb 24-30 Wa
Schistosomatium douthitti, transintestinal glucose uptake in male and female worms, possible implications for male-female nutritional relationships
- Diet and nutrition, Parasite
Crompton DWT; Hall A
1981 Parasitology 82 (4) July 31-48 Wa
parasitic infection and host nutrition, Workshop Proceedings, 3. European Multicolloquium of Parasitology
- Diet and nutrition, Parasite
Guenther PE; Barker DM; Sauer JR
1980 Ann Entom Soc Am 73 (4) July 15 485-488 Wa
Amblyomma maculatum, sheep (exper.), whole body water and concentrations of sodium and chloride in whole tick, gut content, hemolymph, and saliva of pre-fed and engorging females measured, comparison with published results for A. americanum; A. maculatum may imbibe considerable non-whole blood tissue while feeding on sheep
- Diet and nutrition, Parasite
Hart DT; Vickerman K; Coombs GH
1981 Parasitology 83 (3) Dec 529-541 Wa
Leishmania mexicana mexicana, in vitro transformation of amastigotes to promastigotes, quantitative morphological and biochemical studies, nutritional requirements and effects of metabolic inhibitors and anti-protozoal drugs
- Diet and nutrition, Parasite
Howells RE; Chen SN
1981 Exper Parasitol 51 (1) Feb 42-58 Wa
Brugia pahangi, transcuticular uptake of D-glucose, L-leucine, and adenosine in vitro, no evidence for oral ingestion of materials in vitro but oral uptake of Trypan blue demonstrated in vivo, ultrastructure and cytochemical staining reactions for enzymes of gut and body wall
- Diet and nutrition, Parasite
Kamala Bai M; Prasad RS
1979 J Med Entom 16 (2) Sept 28 164-165 Wa
Xenopsylla cheopis, X. astia, influence of nutrition and feeding stimulus on maturation of males
- Diet and nutrition, Parasite
Lavoipierre MMJ; Radovsky FJ; Budwiser PD
1979 J Med Entom 15 (3) Mar 23 187-217 Wa
Tunga monositus on Mus musculus (skin of ear pinna) (exper.), detailed description of feeding behavior and diet, histological study of embedded fleas, development of female on host, dependence on host inflammatory and repair response for survival and reproduction
- Diet and nutrition, Parasite
Lavoipierre MMJ; Radovsky FJ; Budwiser PD
1979 J Med Entom 16 (2) Sept 28 85-94 Wa
Tunga monositus on laboratory Peromyscus maniculatus (ear pinna) wild-caught from 2 localities, feeding behavior, cell intake, and neosomy, histological examination of sequential serial sections, comparison with findings from Mus musculus
- Diet and nutrition, Parasite
Linstead D
1981 Parasitology 83 (1) Aug 125-137 Wa
Trichomonas vaginalis, new defined and semi-defined media for cultivation, preliminary nutritional studies using new media
- Diet and nutrition, Parasite
Manaiia AC; et al
1981 J Protozool 28 (1) Feb 124-126 Issued June 18 Wa
Leptomonas lactosovorans n. sp. from Zelurus martinisi (midgut), growth in defined medium, nutritional requirements, utilization of lactose as carbon source is unique among trypanosomatids: Goiania, state of Goias, Brazil
- Diet and nutrition, Parasite
Mango CKA; Galun R
1977 J Med Entom 14 (3) Nov 30 305-308 Wa
Ornithodoros moubata, suitability of laboratory hosts for rearing, chickens and rabbits superior to rats and guinea pigs, comparison with field-collected ticks from warthog burrows indicates there are missing factors in diet of laboratory-fed ticks
- Diet and nutrition, Parasite
Meng YC et al
1980 Acta Entom Sinica 23 (1) Feb 9-15 Wa
Haemolaelaps glasgowi and Eulaelaps stabularis, counter immunoelectrophoresis to determine feeding patterns and identify nature of ingested blood
- Diet and nutrition, Parasite
Ngimbi NP et al
1979 Ann Soc Belge Med Trop 59 (3) Sept 237-250 Wa
Plasmodium berghei, sporozoites used for laboratory studies, survival and infectivity dependent on such factors as culture medium, temperature in culture or in vector salivary glands, route of inoculation into laboratory animals
- Diet and nutrition, Parasite
Roitman I
1980 Trop Dis Research Ser (3) 247-248 Wm
Trypanosoma cruzi, nutritional requirements in vitro, workshop presentation

Diet and nutrition, Parasite

Sulgostowska T
1980 Bull Acad Polon Sc Cl II s Sc Biol 28
(1-2) 65-69 Wa
Neoapectana carcopapsae, transformation of
non-invasive larvae into inhibited invasive
larvae both inside and outside insect hosts,
exhaustion of food resources in habitat is
chief factor

Diet and nutrition, Parasite

Warren-Hicks WJ; Schroder GD; Bigelow RH
1979 J Med Entom 16 (5) Nov 23 432-436 Wa
Xenopsylla cheopis fed on laboratory rats in-
jected with iron-59 citrate, uptake and reten-
tion of radioisotope tag, influence of sex of
fleas, exposure level, and subsequent blood
meals

Diet and nutrition, Parasite

Weik RR; Reeves RE
1980 Am J Trop Med and Hyg 29 (6) Nov
1201-1204 Wa
Entamoeba histolytica, niacin requirement for
cultivation of axenic amebae

Diet and nutrition, Parasite

Wright FC; DeLoach JR
1980 J Med Entom 17 (2) Mar 31 186-187 Wa
Psoroptes cuniculi, rabbits (exper.), feeding
monitored by ⁵¹Cr-labeled hemoglobin, data
suggest that mites penetrate capillaries and
ingest intact erythrocytes

Diet and nutrition, Parasite

Wrona FJ; Davies RW; Linton L
1979 Canad J Zool 57 (11) Nov 2136-2142 Wa
Glossiphonia complanata, analysis of food
niche, serological techniques, examination of
prey utilization with respect to field range,
seasonality, and weight (size-age) differences

Digestion, Host

Gass RF
1977 Acta Trop 34 (2) June 127-140 Wa
Plasmodium gallinaceum in Aedes aegypti given
2 consecutive blood meals, oocyst production
inhibited or enhanced depending on timing of
blood meals, results explained by action of
host trypsin-like proteases on parasites,
plasmodia 0-10 hours after blood meal are more
sensitive to enzymes than later stages of par-
asite, suggests developmental adaptation of
parasite to host's digestive processes

Digestion, Host

Hale OM et al
1981 J Animal Sc 52 (2) 316-322 Wa
Oesophagostomum quadrispinulatum, O. dentatum,
pigs (exper.), effect of different levels of
infection on weight gain, digestion, and ab-
sorption of nutrients

Digestion, Host

Randall RW; Gibbs HC
1981 Am J Vet Research 42 (10) Oct 1730-1734 Wa
Ostertagia ostertagi, Cooperia oncophora,
calves (exper.), effects of clinical and sub-
clinical disease on digestion and energy meta-
bolism, results indicate that low levels of
parasitism could result in appreciable produc-
tion losses in young animals under grazing
conditions in Maine

Digestion, Host

Steel JW; Symons LEA; Jones WO
1980 Austral J Agric Research 31 (4) July 821-
838 Wa
Trichostrongylus colubriformis-infected lambs,
interrelationships between level of exposure to
worms, production loss (liveweight gain, wool
growth), and host physiological and metabolic
changes associated with disease development

Digestion, Host

Symons LEA; Steel JW; Jones WO
1981 Austral J Agric Research 32 (1) 139-148
Wa
Ostertagia circumcincta, lambs (exper.),
effects of level of larval intake on
productivity and physiological and metabolic
responses

Digestion, Parasite

Bogitsh BJ
[1980] J Parasitol 65 (6) Dec 1979 964-966 Is-
sued Apr 2 Wa
Schistosoma mansoni, in vitro effects of ac-
tinomycin-D on gastrodermis of schistosomules,
treated schistosomules were incapable of in-
gesting red blood cells

Digestion, Parasite

Pappas PW
1980 Ohio State Univ Biosc Colloq (5) 145-172
Wm; Wa
enzyme interactions at host-parasite inter-
face, review

Digestion, Parasite

Steiger RF; Oppendoes FR; Bontemps J
1980 European J Biochem 105 (1) Mar 17 163-175
Wa
Trypanosoma brucei bloodstream forms, subcellu-
lar fractionation with reference to enzymes as
potential markers representative of different
subcellular components with special emphasis on
digestive system in order to provide baseline
for evaluation of endocytotic and digestive
capacity

Digestive system [See also Biliary tract;
Esophagus; Intestine; Pancreas; Stomach]

Digestive system, Host

Marsden PD et al
1979 Tr Roy Soc Trop Med and Hyg 73 (6) 651-655
Wa
Trypanosoma cruzi, mice, attempts to produce
megasyndrome using stocks of parasite associ-
ated with megaesophagus in man, evidence of
stomach dilatation and delay in intestinal
transit time

Digestive system, Host

Stringfellow F; Madden PA
1979 Proc Helminth Soc Washington 46 (2) July
233-239 Issued Aug 14 Wa
Ostertagia ostertagi, calves (exper.), effects
on chief cell pepsinogen granules from calf
abomass, correlation with selected plasma and
abomasal proteins; horseradish peroxidase as
tracer for vascular leakage, results imply that
chief cell pepsinogen was released directly in-
to the circulation (giving abnormally high
plasma values) rather than taken up from the
gastric contents through a damaged vasculature

- Digestive system, Parasite
Luetzen J; Nielsen K
1975 Vidensk Medd Dansk Naturh Forening 138 Dec 171-199 Wa
Echineulima spp., sea urchins, mode of attachment, structure of alimentary tract, proboscideal movements and feeding, reproductive organs, oviposition, possible hermaphroditism, sporozoans found in *E. mitrei* (mantle and digestive glands)
- Dimorphism [See also Morphology; Polymorphism]
- Dimorphism
Jouvenaz DP; Lofgren CS; Allen GE
1981 J Invert Path 37 (3) May 265-268 Wa
Burenella dimorpha in *Solenopsis geminata* (exper.), development, infectivity, and mode of transmission of 2 morphologically distinct spores, results verify this microsporidium as a dimorphic species
- Disease models, Animal See Technique, Experimental hosts
- Disease transmission [See also Epidemiology; Foci; Occupational diseases; Reservoir hosts; Sanitation and hygiene; Vectors]
- Disease transmission
Doncaster CC
1981 Parasitology 82 (3) June 421-428 Wa
Dictyocaulus viviparus infective juveniles, relationships with coprophilous fungi, fungus apparently provides nematode requirements for survival and dispersal
- Disease transmission
Sinha RP; Prasad RS
1980 Indian Vet J 57 (10) Oct 865-866 Wa
Sarcoptes scabiei, goats, severe outbreak of mange, savlon shampoo and malathion treatment, transmission of mites to pigs maintained in same yard non-specific, possibly through indirect sources: Ranchi, India
- Disease transmission, Acarina See Vectors, Acarina
- Disease transmission, Animal to animal [See also Disease transmission, Venereal]
- Disease transmission, Animal to animal
Dipeolu OO; Akinboade OA; Adetunji A
1981 Vet Parasitol 8 (4) Sept 337-339 Wa
Anaplasma marginale, experimental transmission from naturally infected *Cricetomys gambianus* to splenectomized calf, possible significance of *C. gambianus* as reservoir host: Nigeria
- Disease transmission, Animal to animal
Dubey JP; Williams CSF
1980 Parasitology 81 (1) Aug 123-127 Wa
Hammondia heydorni, isolation of oocysts from dogs fed skeletal muscle from naturally infected moose and goat, cross-transmission in goats, sheep, dogs, and coyotes
- Disease transmission, Animal to animal
Duwel D
1980 Ztschr Parasitenk 63 (2) 137-143 Wa
Fasciola hepatica, passage through sheep and *Oryctolagus cuniculus*, exposure to *Lymnaea tomentosa* with resulting number and motility of encysted metacercariae, infectivity to rats, sheep, and rabbits; results indicate that development of *Fasciola* is impaired in various phases after rabbit passage and that rabbits play only minor role in epidemiology
- Disease transmission, Animal to animal
Fisher WF; Miller RW; Everett AL
1980 Vet Parasitol 7 (3) Nov 233-241 Wa
Demodex bovis, dairy cattle, natural transmission, calves can acquire mites from infested dam in 0.5 day, sibling cattle from infested dam do not always become infested
- Disease transmission, Animal to animal
Foreyt WJ; Foreyt KM
1981 J Parasitol 67 (2) Apr 284-286 Wa
Oslerus osleri (= *Filaroides osleri*) of coyote origin, successful direct experimental transmission to coyotes but not to domestic dogs, suggests that wild coyote populations do not serve as effective reservoir for infections in domestic dogs; results of experiments with rats to determine possible role of rodents as transport or paratenic hosts were inconclusive
- Disease transmission, Animal to animal
Foreyt WJ; Hunter RL
1980 Am J Vet Research 41 (9) Sept 1531-1532 Wa
Fascioloides magna, clinical outbreak in sheep on pasture shared by *Odocoileus virginianus leucurus* and *Lymnaea palustris*: near Westport, Oregon
- Disease transmission, Animal to animal
Gajanana A; Naseema M
1980 Indian J Med Research 72 Oct 492-496 Wa
Plasmodium relictum and species resembling *P. hexamerium* in *Ploceus philippinus*, laboratory transmission to other avian hosts and selected mosquito species: [India]
- Disease transmission, Animal to animal
Holliman RB; Meade BJ
1980 J Wildlife Dis 16 (2) Apr 205-207 Wa
Trichinella spiralis in wild-trapped rodents, possible zoonotic relationship between wild rodent and swine trichinosis: Henrico County, Virginia
- Disease transmission, Animal to animal
Hutchison WM; Aitken PP; Wells BWP
1980 Ann Trop Med and Parasitol 74 (2) Apr 145-150 Wa
Toxoplasma gondii, mice, behavioral effects of infection, infected mice may be less responsive to novel stimuli and thus more likely to be taken by predators
- Disease transmission, Animal to animal
Jouvenaz DP; Lofgren CS; Allen GE
1981 J Invert Path 37 (3) May 265-268 Wa
Burenella dimorpha in *Solenopsis geminata* (exper.), development, infectivity, and mode of transmission of 2 morphologically distinct spores, results verify this microsporidium as a dimorphic species

- Disease transmission, Animal to animal
Kotrla B; Kotrly A
1980 Ang Parasitol 21 (2) May 79-82 Wa
helminths, transmission among native and imported game animals, influence of external environmental conditions (changes in intermediate and definitive hosts, climate, etc.) on various morphological and metrical changes of parasite, possible taxonomic problems, review: Bohemia and Moravia, Czechoslovakia
- Disease transmission, Animal to animal
Kummel BA; Estes SA; Arlian LG
1980 J Am Vet Med Ass 177 (9) Nov 1 903-908 Wa
Trixacarus caviae in Cavia porcellus (skin) (nat. and exper.), clinical signs, development of 'scabies-like' condition in 1 of 2 owners, case report; transmission studies from diseased to healthy guinea pigs; morphologic comparison of T. caviae and Sarcoptes scabiei; reported successful treatments; possible model for study of scabies in man and other animals
- Disease transmission, Animal to animal
McGhee MB et al
1981 J Wildlife Dis 17 (3) July 353-364 Wa
Haemonchus contortus derived from white-tailed deer and cattle, relative pathogenicity and infectivity for white-tailed deer, cattle, and domestic sheep (all exper.), morphometric comparisons of nematodes of cattle and deer origin, results suggest that cross-transmission occurs between deer and domestic livestock
- Disease transmission, Animal to animal
Mason CA; Norval RAI
1981 Vet Parasitol 8 (2) May 185-188 Wa
Boophilus microplus, transfer of larvae and adult male ticks from infested to uninfested cattle under field conditions, role of host-to-host transfers in transmission and epidemiology of anaplasmosis and babesiosis
- Disease transmission, Animal to animal
Mason RW
1980 Ztschr Parasitenk 61 (2) 173-178 Wa
oocysts detected in feces of cat fed locally caught Rattus norvegicus were morphologically similar to Besnoitia wallacei, development of Besnoitia cysts in experimentally infected mice and rats, mouse to cat to mouse transmission, attempted transmission between intermediate hosts and between cats
- Disease transmission, Animal to animal
Mattern CFT; Daniel WA
[1981] J Protozool 27 (4) Nov 1980 435-439
Issued Mar 11 Wa
Tritrichomonas muris, pseudocysts, ultrastructure, excretion in feces of hamster mothers, probable role in infection of newborn hamsters
- Disease transmission, Animal to animal
Mitchell GBB; Linklater KA
1980 Vet Rec 107 (3) July 19 70 Wa
Ascaris spp., presence of eggs in pigs (faeces) and in soil samples, rotational grazing as probable source of infection for sheep with liver lesions
- Disease transmission, Animal to animal
Moon HW; Bemrick WJ
1981 Vet Path 18 (2) Mar 248-255 Wa
Cryptosporidium, fecal transmission between calves and pigs, histopathology
- Disease transmission, Animal to animal
Munday BL; Smith DD; Frenkel JK
1980 J Wildlife Dis 16 (2) Apr 201-204 Wa
Sarcocystis cuniculi, presence of sarcocysts in Oryctolagus cuniculus after dosing with cat-derived sporocysts, subsequent transmission to cats, infected rabbit muscle did not infect other rabbits, cat confirmed as definitive host; morphological comparison of O. cuniculi sarcocysts with those from Sylvilagus floridanus, latter sarcocysts retained as Sarcocystis leporum until more definitive data are available
- Disease transmission, Animal to animal
Preston JM et al
1979 J Wildlife Dis 15 (3) July 399-404 Wa
gastro-intestinal nematodes, Ovis aries, Gazella thomsonii, experimental cross-transmission
- Disease transmission, Animal to animal
Prestwood AK
1980 Sludge--Health Risks Land Appl 201-212 Wa
role of wildlife in transmission of parasites, bacteria, and toxic chemicals from sludge-amended land to man, domestic animals, and other wildlife, review
- Disease transmission, Animal to animal
Renshaw HW; Magonigle RA; Vaughn HW
1979 J Wildlife Dis 15 (3) July 379-386 Wa
Anaplasma marginale in Cervus canadensis canadensis following inoculation with infected fresh bovine blood, hematologic, serologic, and clinical studies, evaluation of rapid card agglutination test, subsequent transmission to splenectomized bovine calves; failure to infect elk using frozen blood from known bovine carriers
- Disease transmission, Animal to animal
Richardson JA et al
1980 Avian Dis 24 (2) Apr-June 498-503 Wa
Baylisascaris procyonis in chickens (brain), verminous encephalitis, case report, treated with piperazine; worm eggs isolated from feces of Procyon lotor living in straw mow where litter for chickens was stored
- Disease transmission, Animal to animal
Rose JH; Small AJ
1980 Vet Rec 107 (10) Sept 6 223-225 Wa
Oesophagostomum spp., sows kept on pastures, transmission over 2-year period, monthly distribution of worm eggs in faeces, larvae on herbage, and worms recovered post-mortem, effects of climatic factors on survival and development of infective larvae, transitory effect of anthelmintics on level of infection: commercial farm, southern England
- Disease transmission, Animal to animal
Ross CR et al
1980 Lab Animal Sc 30 (1) Feb 35-37 Wa
Syphacia muris, experimental transmission among rats, mice, Mongolian gerbils, and Syrian hamsters
- Disease transmission, Animal to animal
Samuel WM
1981 J Wildlife Dis 17 (3) July 343-347 Wa
Sarcoptes scabiei from Canis latrans, Vulpes vulpes, and Canis lupus, attempted experimental transmission to coyotes, dogs, and coyote-dog hybrids, four suspected human cases resulted from handling infested coyotes

- Disease transmission, Animal to animal
Sasaki Y et al
1980 Nippon Zyuishi-Kai Zassi (J Japan Vet Med Ass) 33 (9) Sept 438-441 Wa
toxoplasmosis, outbreak in swine and wild boars, soil contaminated with feline excreta containing *Toxoplasma oocysts* was confirmed as source of infection by using same soil to experimentally infect pigs
- Disease transmission, Animal to animal
Talukdar JN
1980 J Invert Path 36 (2) Sept 273-275 Wa
Nosema sp. in *Antheraea assamensis*, trans-ovarian transmission, prevalence in infected progeny
- Disease transmission, Animal to animal
Wolters E; Heydorn AO; Laudahn C
1980 Berl u Munchen Tierarztl Wchnschr 93 (11) June 1 207-210 Wa
Cystoisospora felis oocysts and *Sarcocystis bovifelis* sporocysts in feces of cats fed raw bovine diaphragm muscle, no oocysts or sporocysts excreted when cats were fed same tissue after deep-freezing; continuous oocyst passage in cats of two isolates of *C. felis* resulted in significant differences in prepatent periods and reproduction levels between isolates, differences perhaps related to adaptations to one- or two-host modes of transmission
- Disease transmission, Animal to man
Al-Karmi T; Behbehani K
1980 Tr Roy Soc Trop Med and Hyg 74 (6) 745-746 Wa
Toxoplasma gondii in *Meriones crassus*, potential source of human (Bedouin) infection: Kuwait
- Disease transmission, Animal to man
Arambulo PV III; Moran N
1980 Internat J Zoonoses 7 (2) Dec 135-141 Wm
food-transmitted parasitic zoonoses, sociocultural and technological determinants (etiologic agents, geographic occurrence, principal food source), general review
- Disease transmission, Animal to man
Bettini P; Canestri-Trotti G
1978 Parassitologia 20 (1-3) Dec 211-215 Wa
parasite contamination from dog and cat feces in public parks, school grounds, and sand boxes, public health importance: Bologna (Italy)
- Disease transmission, Animal to man
Brandrup F; Andersen K; Kristensen S
1979 Hautarzt 30 (9) Sept 497-500 Wm
Cheyletiella yasguri, infection in 3 dogs and 5 of 6 persons exposed to the dogs, clinical case report, pathology, therapy: Denmark
- Disease transmission, Animal to man
Broadbent EJ; Ross R; Hurley R
1981 J Clin Path 34 (6) June 659-664 Wa
Toxoplasma gondii, prevalence of antibody in pregnant women evaluated by age groups, dietary habits, and history of animal contact; indirect haemagglutination antibody test vs. indirect fluorescent antibody test
- Disease transmission, Animal to man
Brook I et al
1981 IC Infect Control 2 (4) July-Aug 317-320 Wm
increased rates of eosinophilia among children in institution for mentally retarded, serologic survey showed previous exposure to variety of parasites but principal cause of eosinophilia may be *Toxocara* infection due to frequent pica behavior and contact with resident animals: California
- Disease transmission, Animal to man
Catarg G
1979 Bratisl Lekar Listy 72 (5) Nov 524-529 Wm
toxoplasmosis, humans, possible occupational disease (employees in meat industry, laboratory workers in contact with infected animals, health service personnel etc.), recommendations for control
- Disease transmission, Animal to man
Chakrabarti A et al
1981 Ann Trop Med and Parasitol 75 (3) June 353-357 Wa
Sarcoptes scabiei var. *bubalis*, human scabies from contact with infested water buffaloes, clinical symptoms, incidence, recovery rate of mites, occupations (animal attendants and milkmen), age and sex distribution, distribution of sites of lesions: Calcutta, India
- Disease transmission, Animal to man
Dada BJO
1979 Niger Med J 9 (7-8) July-Aug 693-694 Wm
helminths, stray dogs, incidence survey, high possibility of fecal contamination of the environment by zoonotic helminths in both Kaduna and Zaria areas of Nigeria
- Disease transmission, Animal to man
Darrow JC; Lack EE
1981 J Surg Oncol 16 (3) 219-224 Wm
Dirofilaria immitis causing solitary lung nodule in humans, diagnostic problems, increasing incidence in humans because of expanding geographical range of canine infections; case report, clinical aspects, man: Massachusetts
- Disease transmission, Animal to man
Frenkel JK; Ruiz A
1980 Am J Trop Med and Hyg 29 (6) Nov 1167-1180 Wa
Toxoplasma gondii, human, prevalence and distribution of antibody titers by age; antibody prevalence and cat contact; correlation of antibody status with preparation of meat and eggs; correlation with cat and soil contact; antibody prevalence by economic status, residence, and cat contact; type of kitchen floor and cat contact; occupation, sex, and antibody prevalence; animal contact: Costa Rica
- Disease transmission, Animal to man
Frenkel JK; Ruiz A
1981 Am J Epidemiol 113 (3) Mar 254-269 Wa
Toxoplasma antibody prevalence in humans, cats, and intermediate hosts, chain of transmission (environmental factors, rural and urban living, soil contact, human association with cats, cat density, and host age): Costa Rica

- Disease transmission, Animal to man
Ganley JP; Comstock GW
1980 Am J Epidemiol 111 (2) Feb 238-246 Wa
Toxoplasma gondii, immunofluorescent dye titers in humans, positive association with increasing age, possession of farm animals, and residence in older house, negative association with possession of cats: Washington County, Maryland
- Disease transmission, Animal to man
Glickman LT et al
1981 Am J Trop Med and Hyg 30 (1 pt 1) Jan 77-80 Wa
Toxocara canis, children, significant associations between: 1) feces, soil, or grass pica and infection; 2) dog ownership and infection; and 3) paint or plaster pica and elevated blood lead: Allegheny County, Pennsylvania
- Disease transmission, Animal to man
Grossklaus D
1979 Oeffentl Gsndhtsw 41 (8) Aug 501-512 Wm
zoonoses, current problems involving food hygiene, studies aimed at improving consumer protection, prophylactic measures for veterinary surgeons in the public health field
- Disease transmission, Animal to man
Hayatee ZG; Al-Janabi BM; Al-Sadi HJ
1979 Ann Coll Med Mosul 10 (1) Jan 19-22 Wm
Dermamyssus gallinae, outbreak in humans causing itching, erythema, and allergic reactions, pigeons living and nesting on local buildings, apparent source: Mosul Medical College, Mosul, Iraq
- Disease transmission, Animal to man
Hira PR
1978 African J Med and Med Sc 7 (1) Mar 1-7 Wm
Inermicapsifer madagascariensis, Schistosoma spp., spiruroid ova, fecal survey, helmintho-zoonotic infections in man in Zambia
- Disease transmission, Animal to man
Hunter KW jr; Campbell AR; Sayles PC
1979 J Med Entom 16 (6) Dec 18 547 Wa
Ctenocephalides felis, human infestation from suburban Procyon lotor, case report: Takoma Park, Maryland
- Disease transmission, Animal to man
Ivashkin VM; Leikina ES; Shikhobalova NP
1978 Trudy Gel'mintoI Lab Akad Nauk SSSR 28 5-9 Wa
nematodes of animals parasitizing humans, brief review
- Disease transmission, Animal to man
Kalra NL
1980 J Communic Dis 12 (1) Mar 49-54 Wm
"Plasmodium cynomolgi strain as it exists in Nicobar can maintain itself in the human host who is highly susceptible to it even in the absence of animal reservoir"; major malarial vectors in this area are susceptible to this strain, preliminary report: Greater Nicobars, Anadaman & Nicobar Islands.
- Disease transmission, Animal to man
Kornblatt AN; Schantz PM
1980 J Am Vet Med Ass 177 (12) Dec 15 1212-1215 Wa
Toxocara canis of dogs, survey indicates current veterinary practices of prophylaxis, treatment, and client education are inadequate to prevent potential public health risks of visceral larva migrans, recommendations
- Disease transmission, Animal to man
Kummel BA; Estes SA; Arlian LG
1980 J Am Vet Med Ass 177 (9) Nov 1 903-908 Wa
Trixacarus caviae in Cavia porcellus (skin) (nat. and exper.), clinical signs, development of 'scabies-like' condition in 1 of 2 owners, case report; transmission studies from diseased to healthy guinea pigs; morphologic comparison of T. caviae and Sarcoptes scabiei; reported successful treatments; possible model for study of scabies in man and other animals
- Disease transmission, Animal to man
Levine SE; Mossler JA; Woodard BH
1980 South Med J 73 (6) June 749-750 Wm
Dirofilaria immitis, man (lung), case report, differential diagnosis from other pulmonary nodules; epidemiologic, morphologic, and clinical features of human infections: North Carolina
- Disease transmission, Animal to man
Lopez CE et al
1980 Am J Epidemiol 112 (4) Oct 495-507 Wa
Giardia lamblia, clinical, epidemiological, and laboratory aspects of communitywide outbreak of gastrointestinal illness; water implicated as source of infection with either humans or Castor canadensis responsible for contaminating source water: Berlin, New Hampshire
- Disease transmission, Animal to man
Mak JW et al
1980 Trop and Geogr Med 32 (3) Sept 259-264 Wa
Brugia and Dirofilaria spp., dogs, cats, zoonotic implications and their impact on the human filariasis control programme in Peninsular Malaysia
- Disease transmission, Animal to man
Menard E et al
1975 Rev Med Chile 103 (3) Mar 215-220 Wm
Toxoplasma gondii, epidemiological survey of 250 presumably healthy children for evidence of infection using the indirect immunofluorescence test, most active infections started in second year of life, most children had contact with soil contaminated with cat feces: western district of Santiago
- Disease transmission, Animal to man
Overstreet RM; Meyer GW
1981 J Parasitol 67 (2) Apr 226-235 Wa
Hysterothylacium type MB larvae from Paralichthys lethostigma as cause of hemorrhagic lesions in stomach of Macaca mulatta (exper.), implications for human consumption of raw seafood
- Disease transmission, Animal to man
Rufli T; Mumcuoglu Y
1981 Praxis Bern 70 (10) Mar 3 414-429 Wm
Sarcoptes scabiei var. hominis, humans, increasing incidence, pathology, differential diagnosis, various dermatologic presentations and their clinical courses compared, review of some animal scabies and their presentations in man, therapeutic recommendations
- Disease transmission, Animal to man
Samuel WM
1981 J Wildlife Dis 17 (3) July 343-347 Wa
Sarcoptes scabiei from Canis latrans, Vulpes vulpes, and Canis lupus, attempted experimental transmission to coyotes, dogs, and coyote-dog hybrids, four suspected human cases resulted from handling infested coyotes

- Disease transmission, Animal to man
Schantz PM et al
1980 Am J Pub Health 70 (12) Dec 1269-1272 Wa
Toxocara canis, ocular larva migrans patients and age- and sex-matched controls studied to determine type of pet exposure and other risk factors associated with infection
- Disease transmission, Animal to man
Stagno S et al
1980 Pediatrics Am Acad Pediat 65 (4) Apr 706-712 Wa
Toxoplasma gondii, children of extended family, clinical, serological and epidemiological aspects, history of geophagia, outbreak probably caused by ingesting oocysts from cat feces, unusual and severe clinical manifestations probably resulted from simultaneous Toxocara infection: Alabama
- Disease transmission, Animal to man
Tovornik D; Matjasic M
1979 Zdrav Vestnik 48 (2) Feb 87-89 Wm
Argas sp., massive invasion of human-populated apartment attributed to infected near-by loft occupied by pigeons
- Disease transmission, Animal to man
Tzipori S et al
1980 Infect and Immun 30 (3) Dec 884-886 Wa
Cryptosporidium (isolated from calves with diarrhea) infected (with or without causing enteritis) 7 different species of animals, other isolates (from calves, lamb, adult human) also showed similar lack of host specificity, indirect evidence that cryptosporidiosis should be regarded as potential zoonosis, strong evidence to suggest that Cryptosporidium is single-species genus
- Disease transmission, Autoinfection
August JR et al
1980 J Am Vet Med Ass 176 (4) Feb 15 331-334 Wa
Filaroides hirthi, dog, fatal hyperinfection suggestive of autoinfection
- Disease transmission, Autoinfection
de Gaetani CF; Sannicola Botticelli C
1981 Arch Anat et Cytol Path 29 (2) 87-89 Wm
Strongyloides stercoralis, man, cytologic diagnosis using bronchial washing material, autoinfection after 30 years of clinically latent infection: Italy (had served in military service in Africa in World War II)
- Disease transmission, Autoinfection
Grove DI; Dawkins HJS
1981 Parasitology 83 (2) Oct 401-409 Wa
Strongyloides ratti, mice, immunosuppression with prednisolone enhanced primary infection, permitted infection in innately resistant mice, and produced complex effects when administered during challenge infection, no evidence of autoinfection
- Disease transmission, Autoinfection
Mogbel R; McLaren DJ; Wakelin D
1980 Exper Parasitol 49 (2) Apr 153-166 Wa
Strongyloides ratti, rats, transplantation experiments used to assess reversibility or irreversibility of immune damage sustained by worms during primary and secondary infections, implications for understanding phenomenon of autoinfection
- Disease transmission, Autoinfection
Quinones Soto RA et al
1980 Bol Asoc Med Puerto Rico 72 (12) Dec 609-613 Wm
Strongyloides stercoralis, immunocompromised patients, autoinfections, clinical review
- Disease transmission, Blood
Apt W; Perez C; Sandoval J
1980 Rev Med Chile 108 (2) Feb 112-114 Wm
[Trypanosoma] cruzi, humans, prevalence of Chagasic infection of blood bank samples analyzed using the indirect hemagglutination test: Chile
- Disease transmission, Blood
Aymard JP et al
1980 Rev Franc Transfus et Immuno-Hematol 23 (4) Sept 491-493 Wm
Plasmodium falciparum, P. malariae, 29-year-old woman, double infection after receiving blood transfusions: France
- Disease transmission, Blood
Baldy JLS et al
1979 Rev Inst Med Trop S Paulo 21 (3) May-June 155-159 Wm
Chagas disease by blood transfusion, report of two acute cases treated with nifurtimox: Londrina, Parana State, Brasil
- Disease transmission, Blood
Baruffa G
1979 Rev Inst Med Trop S. Paulo 21 (1) Jan-Feb 37-41 Wa
Chagas disease, serological prevalence in blood samples from donors, addition of gentian violet to blood collected for transfusions is harmless and prevents transmission of living parasites: Brazil
- Disease transmission, Blood
Bastin R et al
1979 Nouv Presse Med 8 (9) Feb 24 699-700 Wm
Plasmodium falciparum, heroin addict, transmission of infection through intravenous injection and contaminated syringe
- Disease transmission, Blood
Bending MR; Maurice PDL
1980 Postgrad Med J London (655) 56 May 344-345 Wa
Plasmodium falciparum, laboratory worker, accidental self-inoculation with infected blood: London
- Disease transmission, Blood
Bouree P; Fouquet E
1978 Bull Soc Path Exot 71 (3) May-June 297-301 Wa
Plasmodium falciparum infection transmitted from infected patient to nurse who had drawn blood sample, case report: Cameroun
- Disease transmission, Blood
Choutet P et al
1979 Semaine Hop Paris 55 (33-34) Oct 8-15 1539-1541 Wm
Plasmodium vivax, woman, case report of infection resulting from blood transfusion; comments on diagnosis, treatment, prophylaxis, and rarity of transfusion malarias: France

- Disease transmission, Blood
Conrad ME
1981 Seminars Hematol 18 (2) Apr 122-146 Wa
diseases transmissible by blood transfusions,
humans, review article, includes human blood
parasites
- Disease transmission, Blood
Cruz FS; Marr JJ; Berens RL
1980 Am J Trop Med and Hyg 29 (5 pt 1) Sept 761-
765 Wa
Trypanosoma cruzi, amphotericin B can eliminate
trypomastigote form from stored blood and may
therefore be considered as replacement for
crystal violet in blood bank blood to prevent
transfusion-induced Chagas' disease
- Disease transmission, Blood
Faria R
1980 Rev Paul Med 96 (1-2) July-Aug 33-36 Wm
Trypanosoma cruzi, diagnostic screening of po-
tential blood donors using the complement fixa-
tion test and antigen stabilized against
enzymatic hydrolytic denaturation and bacterial
contamination, potentially more efficient and
accurate test
- Disease transmission, Blood
Fayer R; Leek RG
[1980] J Parasitol 65 (6) Dec 1979 890-893 Is-
sued Apr 2 Wa
Sarcocystis, substantiation of previous reports
of merozoites in host blood, transmission via
blood transfusion from one intermediate host to
others of the same species
- Disease transmission, Blood
Gogus S; Sellioglu B; Beyzova U
1978 Turk J Pediat 20 (3-4) July-Oct 141-142
Wm
Plasmodium malaria, 4-month-old child after
exchange transfusions for ABO incompatibility,
case report: Turkey
- Disease transmission, Blood
Gogus S; Sellioglu B; Yilgor E
1979 Mikrobiyol Bul 13 (3) July 305-307 Wm
Plasmodium malariae, 4-month-old baby, infec-
tion probably due to exchange transfusion:
Turkey
- Disease transmission, Blood
Goncalves AM et al
1980 Molec and Biochem Parasitol 1 (3) June 167-
176 Wa
Trypanosoma cruzi bloodstream forms, mechanism
of action of 3-allyl-8-lapachone in vitro,
might be useful in preventing transmission of
Chagas' disease during blood transfusion but is
not active against infections in mice
- Disease transmission, Blood
Hernandez Sanchez JM
1980 Sangre Barcelona 25 (5B) 848-855 Wm
human protozoan infections and filariasis
transmitted by blood and its derivatives
- Disease transmission, Blood
Hira PR; Husein SF
1979 J Hyg Epidemiol Microbiol and Immunol 23
(4) 436-444 Wa
parasitic infections, humans, blood transfusion
induced: Zambia
- Disease transmission, Blood
Jacoby GA et al
1980 N England J Med 303 (19) Nov 6 1098-1100
Wa
Babesia microti, elderly man, case report,
treatment of transfusion-transmitted
babesiosis by exchange transfusion:
Massachusetts
- Disease transmission, Blood
Joishy SK; Lopez CG
1980 Am J Hematol 8 (2) 221-229 Wm
Plasmodium falciparum, transfusion-induced in-
fection in splenectomized beta-thalassemia
major child, clinical case report; suggested
guidelines to help prevent transfusion-induced
malaria, index of suspect signs and symptoms as
key to diagnosis
- Disease transmission, Blood
Koldsland OH; Osnes M
1980 Tidsskr Norske Laegefor 100 (11) Apr 630
Wm
Plasmodium falciparum, while treating a sailor
for undiagnosed infection a nursing assistant
accidentally became contaminated with patient's
blood, 12 days later assistant developed
malaria: Norway
- Disease transmission, Blood
Lorca M et al
1979 Rev Med Chile 107 (1) Jan 6-8 Wm
Trypanosoma cruzi, prevalence survey using the
indirect immunofluorescence test, blood samples
from 2 blood banks from different geographic
areas of Chile
- Disease transmission, Blood
Moiraghi Ruggerini A et al
1979 Ric Clin e Lab 9 (2 suppl) 65-72 Wm
Toxoplasma gondii and cytomegalic infections,
humans, risk factor in using blood from donors
as therapy
- Disease transmission, Blood
Mok CK et al
1980 Thorax 35 (5) May 389-391 Wm
Plasmodium malariae, P. falciparum, children,
post-operative pyrexia immediately after open
heart surgery, emphasis on need for awareness
by cardiac surgeons (infected father of 1 child
had been blood donor for the surgical proce-
dure)
- Disease transmission, Blood
Peltola H; Rapola J; Jokipii L
1980 Duodecim 96 (17) 1145-1152 Wm
Leishmania donovani, 13-month-old child, clin-
ical report, infection apparently result of
blood exchange transfusion given when child
was 6 days old: Finland (apparently healthy
donor had travelled in southern Europe)
- Disease transmission, Blood
Valbonesi M et al
1979 Quad Sclavo Diag Clin e Lab 15 (2) June 243-
247 Wm
Toxoplasma gondii, serological survey of pa-
tients with Cooley anemia, blood donors, and
others using indirect immunofluorescence test,
analysis of data confirms that heavily trans-
fused patients are at particular risk of ac-
quiring infection

- Disease transmission, Control [See also Animal husbandry; Biological control; Snail control; Technique, Treatment]
- Disease transmission, Control
Anderson N et al
1980 Research Vet Sc 29 (3) Nov 333-341 Wa
nematodes, sheep, oxfendazole in controlled release intraruminal capsules, pen and field experiments, potential for prevention of helminthosis in sheep
- Disease transmission, Control
Anderson RM
1980 Lecture Notes Biomath 39 278-322 Wa
mathematical framework to describe dynamics of direct life cycle helminth parasites, general properties of model with attention focused on transmission threshold and unstable break-points, methods of predicting trends in prevalence and intensity of infection within age-structured populations, dynamics of *Necator americanus* infections (model predictions compared with data from India and Taiwan), significance of seasonal climatic change and spatial heterogeneity, analysis of effectiveness of various control methods, future research needs, symposium presentation
- Disease transmission, Control
Apted FIC
1980 Pharmacol & Therap 11 (2) 391-413 Wm
trypanosomiasis in the Eastern Hemisphere, humans, present status of chemotherapy and chemoprophylaxis, extensive review
- Disease transmission, Control
Arlian LG et al
1981 Am J Vet Research 42 (10) Oct 1782-1784 Wa
Psoroptes cuniculi, off-host survival times for male and female mites as function of ambient temperature and relative humidity conditions, implications for control of transmission
- Disease transmission, Control
Barbosa FS; Costa DPP
1981 Ann Trop Med and Parasitol 75 (1) Feb 41-52 Wa
Schistosoma mansoni, human, long-term control project in which molluscicide Bayluscide was used as sole means of control, concluded that costs could not be met by health budget of developing country: rural area of northeastern Brazil
- Disease transmission, Control
Barlow LA; Surgeoner GA
1980 Proc Entom Soc Ontario 110 1979 9-17 Issued Sept Wa
Haematobia irritans, cattle, efficacy of several self-applicating devices and insecticides in controlling fly populations: Guelph, Ontario
- Disease transmission, Control
Barnish G; Christie JD; Prentice MA
1980 Tr Roy Soc Trop Med and Hyg 74 (4) 488-492 Wa
Schistosoma mansoni, 2-year focal surveillance-mollusciciding programme for control of *Biomphalaria glabrata*, costs: Cul de Sac Valley, Saint Lucia
- Disease transmission, Control
Bastin R; Charmot G
1980 Nouv Presse Med 9 (14) Mar 22 1003-1006 Wm
Plasmodium spp., humans, epidemiologic survey, practical clinical aspects and recommended prophylaxis, most infections resulted after travel to Africa rather than to Asia: France
- Disease transmission, Control
Bell D
1980 J Antimicrob Chemother 6 (1) Jan 7-9 Wm
malaria chemoprophylaxis, development of resistance to suppressive drugs, current status, brief review
- Disease transmission, Control
Bengtsson E et al
1981 Lancet London (8240) 2 Aug 1 249 Wa
malaria, humans travelling to chloroquine-resistant endemic areas of East Africa, suggested prophylaxis includes chloroquine followed by a long acting sulfonamide 4 weeks after return
- Disease transmission, Control
Black RH
1980 Med J Australia 1 (10) May 17 493-494 Wm
Plasmodium falciparum, increased evidence of chloroquine-resistant malaria in Papua New Guinea necessitates changes in malarial prophylaxis in travellers to that area, brief recommendations for alternate control measures
- Disease transmission, Control
Bruce-Chwatt LJ
1979 Tr Roy Soc Trop Med and Hyg 73 (6) 605-617 Wa
man against malaria: conquest or defeat, Manson Oration outlining ups and downs of fight against malaria during the past 25 years
- Disease transmission, Control
Bruce-Chwatt LJ
1981 Mosquito News 41 (2) June 215-225 Wa
Leland Ossian Howard (1857-1950) and Malaria Control: Then and Now, 3. AMCA Memorial Lecture
- Disease transmission, Control
Brunsdon RV
1980 Vet Parasitol 6 (1-3) Jan 185-215 Wa
gastro-intestinal nematodes of sheep and cattle, principles of control, extensive review
- Disease transmission, Control
Catarg G
1979 Bratisl Lekar Listy 72 (5) Nov 524-529 Wm
toxoplasmosis, humans, possible occupational disease (employees in meat industry, laboratory workers in contact with infected animals, health service personnel etc.), recommendations for control
- Disease transmission, Control
Chapin G; Wasserstrom R
1981 Nature London (5829) 293 Sept 17-23 181-185 Wa
malaria resurgence in Central America and India, relationship to intensified agricultural production and associated increased use of pesticides which has led to pesticide resistance in many vectors
- Disease transmission, Control
Cheesmond AK; Fenwick A
1981 J Trop Med and Hyg 84 (3) June 101-107 Wa
Schistosoma mansoni, 12-month study of excretory behaviour of resident and migrant labourers undertaken to contribute information for control strategy in endemic area, study results show only limited regular contamination of water bodies with *S. mansoni* eggs: Gezira, Sudan

- Disease transmission, Control
Chlebowsky HO; Zielke E
1980 Tropenmed u Parasitol 31 (2) June 181-193
Wa
Wuchereria bancrofti, rural population, efficacy of repeated diethylcarbamazine treatment and vector control on microfilarial reservoir; experiences with membrane filtration technique under field conditions: Liberia
- Disease transmission, Control
Coura JR et al
1980 Rev Inst Med Trop S Paulo 22 (1) Suppl 4
Jan-Feb English text 77-84 Portuguese text 195-202 Wm
S[chistosoma] mansoni, humans in endemic areas, therapy with oxamniquine temporarily reduces infection prevalence and reduces incidence of severe forms of infections, it does not however interrupt infection cycle: State of Minas Gerais, Brazil
- Disease transmission, Control
Crosskey RW
1981 Tropenmed u Parasitol 32 (1) Mar 2-16 Wa
Onchocerca volvulus, human, and its Simulium damnosum complex vectors, review with special reference to geographical distribution and development of national control campaign: Nigeria
- Disease transmission, Control
Curtis CF; Feachem RG
1981 J Trop Med and Hyg 84 (1) Feb 17-25 Wa
improvement of water supplies and on-site sanitation systems in underdeveloped areas has the potential for increasing populations of Culex pipiens complex mosquitoes and thus a potential for increasing prevalence and intensity of Wuchereria bancrofti in endemic areas, review
- Disease transmission, Control
Dammin GJ et al
1981 Human Path 12 (5) May 398-400 Wm
Babesia microti, humans, increasing incidence, prevention and control including avoidance of contact with Ixodes dammini vectors and use of tick repellents: northeastern United States
- Disease transmission, Control
Das PK; Rajagopalan PK
1980 Indian J Med Research 72 Oct 500-507 Wa
Culex pipiens, resistance to 5 insecticides, application to bancroftian filariasis control program in Pondicherry, India
- Disease transmission, Control
Davies JB et al
1981 Tropenmed u Parasitol 32 (1) Mar 17-24 Wa
Onchocerca volvulus, studies on biting Simulium damnosum s.l. at breeding site in Onchocerciasis Control Programme area during and after interruption of insecticidal treatments: West Africa
- Disease transmission, Control
Delmont J et al
1979 Bull Soc Path Exot 72 (3) May-June 222-231
Wa
Plasmodium spp., Europeans who had been living in endemic areas of Africa, analysis of fluorescent antibodies in serum, useful in evaluating success of chemoprophylaxis, detecting infections in potential blood donors, and in evaluating febrile illnesses
- Disease transmission, Control
Dubey JP
1980 J Am Vet Med Ass 177 (12) Dec 15 1203-1207
Wa
Toxoplasma gondii cysts, goats (nat. and exper.), distribution and persistence in various organs and tissues and in milk, effect of freezing meat, public health significance
- Disease transmission, Control
Dunn FL
1979 Bull World Health Organ 57 (6) 887-902 Wa
human tropical parasitic diseases affecting public health worldwide, problems associated with control efforts, objectives for current research, priorities and future direction for research efforts
- Disease transmission, Control
Felman YM
1981 Bull N York Acad Med 2 s 57 (3) Apr 201-206 Wa
Entamoeba histolytica, Giardia lamblia, human, sexual transmission, approaches to control, symposium presentation
- Disease transmission, Control
Ferrucci M
1978 Ann Sclavo 20 (4) July-Aug 510-525 Wm
Toxoplasma gondii and measles, humans, plan for control of congenital infections: Provincia di Ferrara, Italia
- Disease transmission, Control
Garms R; Walsh JF; Davies JB
1979 Tropenmed u Parasitol 30 (3) Sept 345-362
Wa
Onchocerca volvulus, reinvasion by infected Simulium damnosum s.l. into areas of WHO Onchocerciasis Control Programme, emphasis on southwestern areas of Volta River Basin
- Disease transmission, Control
Garnham PCC; McMahon JP
1981 Mosquito News 41 (2) June 383-384 Wa
Simulium neavei (vector of Onchocerca volvulus), brief history of eradication from Kenya
- Disease transmission, Control
Gibson TE
1980 Vet Parasitol 6 (1-3) Jan 241-254 Wa
factors influencing application of anthelmintics for control of parasites, review
- Disease transmission, Control
Gillet J; Jacques PJ; Herman F
1980 Advances Exper Med and Biol 121A 307-313
Wa
Plasmodium berghei, use of yeast particulate glucan for causal prophylaxis of mouse malaria
- Disease transmission, Control
Gonzalez-Guzman J
1980 J Math Biol 10 (1) Aug 53-64 Wa
model for parasitic disease control by permanent time-continuous mixed program of vector reduction and drug application
- Disease transmission, Control
Grossklaus D
1979 Oeffentl Gsndhtsw 41 (8) Aug 501-512 Wm
zoonoses, current problems involving food hygiene, studies aimed at improving consumer protection, prophylactic measures for veterinary surgeons in the public health field

- Disease transmission, Control
 Gruvel J
 1980 Acta Zool et Path Antverpiensia (75) Oct
 29-48 Wa
 tsetse fly vectors of animal trypanosomiasis,
 possible control measures, economic importance:
 West Africa
- Disease transmission, Control
 Hall AP
 1980 Roy Soc Health J 100 (2) Apr 57-61 Wm
 Plasmodium spp., human, general brief clinical
 review (epidemiology, pathophysiology, diag-
 nosis, clinical features, management); sug-
 gested control measures to prevent transmission
 into the United Kingdom
- Disease transmission, Control
 Harris RE; Revfeim KJA; Heath DD
 1980 J Hyg Cambridge 84 (3) June 389-404 Wa
 Echinococcus granulosus, Taenia hydatigena, T.
 ovis, deterministic model to compare various
 control strategies for parasites having 2 hosts
- Disease transmission, Control
 Henry FJ
 1981 Tr Roy Soc Trop Med and Hyg 75 (4) 507-513
 Wa
 children studied with regard to anthropometry,
 intestinal helminths (Ascaris and Trichuris),
 diarrhoea and other illnesses, findings relat-
 ed to different levels of sanitation and
 water supplies, possibility of malnutrition
 being secondary to illness rather than pri-
 mary: St. Lucia, West Indies
- Disease transmission, Control
 Hiatt RA et al
 1980 AM J Trop Med and Hyg 29 (6) Nov 1228-1240
 Wa
 Schistosoma mansoni, prospective community-
 based study of infection after interruption
 of transmission by nonchemotherapeutic control
 measures, snail occurrence and infection
 rates, prevalence and intensity of human
 infections by age and sex, incidence of new
 infections, water-contact behavior, socio-
 economic factors, results show slow decline
 in prevalence and intensity despite low rate
 of transmission: Boqueron, Puerto Rico
- Disease transmission, Control
 Horak IG
 1980 J South African Vet Ass 51 (1) Mar 17-19
 Wa
 nematodes, ixodid ticks, and oestrid flies of
 antelope, suggested methods of control based
 upon seasonal prevalences of parasites: game
 reserves, Republic of South Africa
- Disease transmission, Control
 Jacobs DE et al
 1981 Vet Rec 108 (13) Mar 28 274-276 Wa
 parasitic gastroenteritis, set-stocked calves,
 prophylaxis, field evaluation of intraruminal
 device for continuous administration of moran-
 tel tartrate: Britain
- Disease transmission, Control
 Jacobson HA; Hurst GA
 1979 J Wildlife Dis 15 (1) Jan 43-47 Wa
 Amblyomma americanum, Menacanthus stramineus,
 prevalence on Meleagris gallopavo silvestris
 allowed to forage on recently burned vs. un-
 burned plots: Noxubee National Wildlife Ref-
 uge, Noxubee County, Mississippi
- Disease transmission, Control
 Jancloes M; Jancloes-Diepart M
 1981 Ann Soc Belge Med Trop 61 (1) Mar 111-118
 Wa
 parasitism, humans, evaluation of mass therapy
 and sanitation as control measures in rural
 areas, concluded that long-term success
 against intestinal infections depends on quan-
 tity of water available: Lower Zaire
- Disease transmission, Control
 Jancloes M; Jancloes-Diepart M
 1981 Dakar Med 26 (1) 54-58 Wm
 improved sanitation has decreased the incidence
 of human malaria but intestinal parasites are
 controlled only by continued mass anthelmintic
 therapy: Zaire
- Disease transmission, Control
 Jarroll EL jr; Bingham AK; Meyer EA
 1980 Am J Trop Med and Hyg 29 (1) Jan 8-11 Wa
 Giardia, effect of 6 emergency water disin-
 fection methods on cyst viability, variations
 with contact time, temperature, and water
 quality
- Disease transmission, Control
 Jarroll EL; Bingham AK; Meyer EA
 1981 Applied and Environment Microbiol 41 (2)
 Feb 483-487 Wa
 Giardia lamblia, effect of chlorine on cyst
 viability under variety of conditions of tem-
 perature, pH, chlorine-cyst contact time, and
 chlorine concentration, epidemiological impli-
 cations
- Disease transmission, Control
 Jobin WR
 1980 Am J Trop Med and Hyg 29 (1) Jan 86-94 Wa
 bilharziasis, historical trends in disease
 distribution, influence of sugar cane irriga-
 tion projects, water supply programs, and
 rural community development schemes, possi-
 bility of complete control or eradication in
 near future: Puerto Rico
- Disease transmission, Control
 Joishy SK; Lopez CG
 1980 Am J Hematol 8 (2) 221-229 Wm
 Plasmodium falciparum, transfusion-induced in-
 fection in splenectomized beta-thalassemia
 major child, clinical case report; suggested
 guidelines to help prevent transfusion-induced
 malaria, index of suspect signs and symptoms as
 key to diagnosis
- Disease transmission, Control
 Jones RM
 1981 Vet Parasitol 8 (3) July 237-251 Wa
 field application of Morantel Sustained Release
 Bolus orally administered to first season graz-
 ing calves just prior to turn-out onto spring
 pasture, prevention of parasitic gastroenteri-
 tis, significant weight gain advantage: Eng-
 land
- Disease transmission, Control
 Jordan P; et al
 1980 Tr Roy Soc Trop Med and Hyg 74 (4) 493-500
 Wa
 Schistosoma mansoni, human, control, chemo-
 therapy as supplement to focal mollusciciding
 programme, costs: Cul de Sac Valley, Saint
 Lucia

- Disease transmission, Control
Jordan P; Christie JD; Unrau GO
1980 Acta Trop 37 (2) June 95-135 Wa
schistosomiasis transmission, review with particular reference to possible ecological and biological methods of control
- Disease transmission, Control
Juminer B et al
1981 Med Trop 41 (2) Mar-Apr 135-146 Wm
[Plasmodium] spp., humans, incidence and vector survey, 1970-1979, epidemiology, periodic increases in infections related to arrival of infected migrants and a lengthy drought, suggested control measures: French Guyana
- Disease transmission, Control
Katz N; Rocha RS; Pereira JP
1980 Rev Inst Med Tron S Paulo 22 (1) Suppl 4
Jan-Feb English text 85-93 Portuguese text 203-211 Wm
[Schistosoma] mansoni, control in a small endemic area by treating population yearly with oral oxamniquine and using niclosamide in bodies of water containing snail vectors: Peri-Peri, Minas Gerais, Brazil
- Disease transmission, Control
Kimura S; Shimizu A; Kawano J
1980 J Parasitol 66 (4) Aug 699-700 Wa
Fasciola gigantica, extermination of metacercariae sticking to grasses by exposure to temperature of 200 C and 12% relative humidity, conjectured that infection cannot be induced by feeding cattle dried metacercariae sticking to rice plants
- Disease transmission, Control
Kloos H; Lemma A
1980 Ethiop Med J 18 (3) July 91-98 Wm
Schistosoma mansoni, humans, epidemiology, in depth study of water contact patterns according to exposure and contamination of local waters, applications for local control project: Tensae Berhan town, Ethiopia
- Disease transmission, Control
Knapp FW; Herald F
1981 J Econom Entom 74 (3) June 295-296 Wa
Haematobia irritans, cattle, control with fenvalerate ear tags even when 1/3 of herd was not tagged
- Disease transmission, Control
Kolstrup N et al
1981 Ann Trop Med and Parasitol 75 (4) Aug 433-451 Wm
Wuchereria bancrofti, human, control measures, mass administration of diethylcarbamazine, larviciding against vectors, simple environmental procedures: coastal villages in Tanzania
- Disease transmission, Control
Kornblatt AN; Schantz PM
1980 J Am Vet Med Ass 177 (12) Dec 15 1212-1215 Wa
Toxocara canis of dogs, survey indicates current veterinary practices of prophylaxis, treatment, and client education are inadequate to prevent potential public health risks of visceral larva migrans, recommendations
- Disease transmission, Control
Kusaimi Nuha T
1979 Ann Coll Med Mosul 10 (2) July 63-69 Wm
cutaneous leishmaniasis, outbreak in agricultural area previously free of infection for many years, insecticide control of sandfly vectors had recently been stopped, re-instituting insecticide program resulted in disappearance of continuing infections: Blaija area, Iraq
- Disease transmission, Control
Kutsumi H et al
1980 Hokkaido Igaku Zasshi (Hokkaido J Med Sc) 55 (2) Mar 89-103 Wm
[Schistosoma] japonica, diagnosis, inhabitants of an endemic area tested using the immediate intradermal reaction, epidemiologic study based on the analysis of these reactions, significance of age, sex, contents of antigen used, variations in sections of survey area, suggested disease control measures and vector control measures: Yamanashi Prefecture, Japan
- Disease transmission, Control
Kvasz L
1979 Bratisl Lekar Listy 72 (5) Nov 597-600 Wm
Giardia lamblia, incidence in families of infected subjects and in children in residential homes (according to age groups), recommendations for prophylaxis and control to prevent spread or reinfection
- Disease transmission, Control
Lawrence JA; Foggin CM; Norval RAI
1980 Vet Rec 107 (4) July 26 82-85 Wa
trypanosomiasis, tick-borne- and other diseases, outbreak in livestock following disruption of veterinary control services in tribal areas during war in Rhodesia (Zimbabwe)
- Disease transmission, Control
McCleery CH
1981 Lancet London (8250) 2 Oct 10 813 Wa
Plasmodium falciparum and other malarias, prophylaxis particularly with chloroquine, admonitions on use and abuse
- Disease transmission, Control
Magalhaes PA et al
1980 Rev Inst Med Trop S Paulo 22 (4) July-Aug 197-202 Wm
kala-azar, humans, domestic animals, review of results of 14-year control campaign in endemic area of Rio Doce, Minas Gerais, Brasil
- Disease transmission, Control
Mak JW et al
1980 Trop and Geogr Med 32 (3) Sept 259-264 Wa
Brugia and Dirofilaria spp., dogs, cats, zoonotic implications and their impact on the human filariasis control programme in Peninsular Malaysia
- Disease transmission, Control
Mara D; Feachem R
1980 J Trop Med and Hyg 83 (6) Dec 229-240 Wa
technical and public health aspects of low cost sanitation programme planning, includes environmental classification of excreta-related parasitic and other infections

- Disease transmission, Control
Marinkelle CJ
1981 Bull World Health Organ 59 (2) 189-203 Wa
leishmaniasis, human visceral, cutaneous, and
muco-cutaneous infections, recommendations for
control, general review
- Disease transmission, Control
Matzke G
1979 Social Sc and Med Med Geogr 13D (4) Dec
209-214 Wm
African sleeping sickness, control by type of
settlement, colonial vs. traditional methods,
historical review: southeast Tanganyika
- Disease transmission, Control
Morley FHW; Donald AD
1980 Vet Parasitol 6 (1-3) Jan 105-134 Wa
gastro-intestinal helminthoses of grazing rumi-
nants, relationships between farm management
and systems of helminth control (systems of
grazing management and systems of treatment
with anthelmintics), extensive review
- Disease transmission, Control
Morris RS; Meek AH
1980 Vet Parasitol 6 (1-3) Jan 165-184 Wa
measurement and evaluation of economic effects
of parasitic disease, extensive review
- Disease transmission, Control
Muller R
1979 Bull World Health Organ 57 (5) 683-689 Wa
Dracunculus medinensis, humans, epidemiology,
control, and treatment, review
- Disease transmission, Control
Norval RAI
1979 J South African Vet Ass 50 (4) Dec 289-292
Wa
ticks and tick-borne diseases of cattle,
review of distribution and effect of the
break-down of dipping in tribal areas on
epidemiology: Zimbabwe Rhodesia
- Disease transmission, Control
de Oliveira Filho AM; et al
1980 Tr Roy Soc Trop Med and Hyg 74 (4) 545-547
Wa
Panstrongylus megistus, activity of precocenes,
possibilities as future vector control agents
- Disease transmission, Control
Ong GP; Bhatia SG
1981 J Am Acad Dermat 4 (1) Jan 96-97 Wm
Sarcoptes scabiei var hominis, survival in min-
eral oil at room temperature for more than 7
days (females continued to be motile, to lay
eggs, and to defecate fecal pellets while in the
oil), suggested control measures to be used by
diagnostic laboratories
- Disease transmission, Control
Onori E; Grab B
1980 Bull World Health Organ 58 (2) 321-326 Wa
Plasmodium vivax, humans, quantitative esti-
mates of the evolution of an epidemic in Turkey
if remedial measures had not been taken, pro-
jections of monthly and annual incidence
- Disease transmission, Control
Pant CP et al
1981 Bull World Health Organ 59 (3) 325-333 Wa
malaria, progress in vector control, review
- Disease transmission, Control
Partono F et al
1981 Acta Trop 38 (3) Sept 217-225 Wa
Brugia timori, human, mass treatment with di-
ethylcarbamazine followed by 2 annual selective
retreatments, education program, effect on
microfilaraemia and clinical manifestations:
Karakuak, West Flores, Indonesia
- Disease transmission, Control
Peeters JE et al
1981 Research Vet Sc 30 (3) May 328-334 Wa
Eimeria spp., rabbits, survey, influence of
type of rabbitry (commercial vs. domestic),
method of faeces disposal (droppings pit vs.
sledge mechanism), host age, and anticoccidial
medication: Belgium
- Disease transmission, Control
Piekarski G
1981 Immun u Infekt 9 (2) Apr 50-55 Wm
human parasitic diseases, impact on popula-
tions of third world countries, control
measures, brief review
- Disease transmission, Control
Piekarski G; Pelster B
1980 Oeffentl Gsndhtsw 42 (1) Jan 6-12 Wm
intestinal parasites, survival in treated
sludge, survey, recommendations for use of
agricultural sludge (infectivity of different
parasitic stages is continuously reduced so
that risk of disease transmission can be con-
trolled by differentiating sludge piles)
- Disease transmission, Control
Polderman AM; Manshande JP
1981 Lancet London (8210) 1 Jan 3 27-28 Wa
Schistosoma mansoni, laborers in tin mining
areas, failure of targeted mass treatment with
hycanthone to control infection: district of
Mamiema, Eastern Zaire
- Disease transmission, Control
Prata A et al
1980 Rev Inst Med Trop S Paulo 22 (1) Suppl 4
Jan-Feb English text 65-72 Portuguese text 182-
189 Wm
S[chistosoma] mansoni, humans, attempts to con-
trol transmission in hyperendemic area using
repeated oxamniquine therapy, infections were
reduced but not eradicated: northeast of
Jacobina, Bahia, Brazil
- Disease transmission, Control
Prentice MA; Barnish G
1981 Tr Roy Soc Trop Med and Hyg 75 (5) 713-714
Wa
Schistosoma mansoni, prevalence in 0-14-year-
olds and snail infection rates following che-
motherapy, results suggest that reservoir of
human infection which inevitably remains fol-
lowing chemotherapy of proven cases only is
capable of bringing about rapid resurgence of
transmission unless treatment is supported by
other control measures: St. Lucia, West Indies
- Disease transmission, Control
Prost A
1977 Ann Soc Belge Med Trop 57 (6) Dec 569-575
Wa
Onchocerca volvulus, prevalence in popula-
tions of endemic villages after 13 years of blackfly
control operations: Republic of Mali

- Disease transmission, Control
Pugh RNH; Bell DR; Gilles HM
1980 Ann Trop Med and Parasitol 74 (6) Dec 597-613 Wa
Schistosoma haematobium, human, prevalence and intensity, host age and sex, haematuria, proteinuria, renal function, micturition disturbance, potential public health importance, recommendation for control based on rapid identification of intense infection and selective chemotherapy with single dose metrifonate-nitridazole combination: northern Nigeria
- Disease transmission, Control
Putrali J et al
1980 Southeast Asian J Trop Med and Pub Health 11 (4) Dec 480-486 Wa
schistosomiasis pilot control project (human therapy with nitridazole, mollusciciding with niclosamide, improving water supply and sanitation), interim results, epidemiological estimates for future: Lindu valley, Central Sulawesi, Indonesia
- Disease transmission, Control
Ray AP
1979 Indian J Med Research 70 Suppl Dec 1-13 Wa
Plasmodium falciparum, humans, aspects of containment program of National Malaria Eradication Programme, Delhi, India
- Disease transmission, Control
Raybould JN et al
1979 Tropenmed u Parasitol 30 (4) Dec 499-504 Wa
laboratory maintenance and rearing of Simulium damnosum complex spp. as research tool for Onchocerciasis Control Programme in Volta River Basin
- Disease transmission, Control
Raybould JN; White GB
1979 Tropenmed u Parasitol 30 (4) Dec 505-547 Wa
Onchocerca volvulus Simuliidae vectors, distribution, bionomics, and control, general review, situation in individual countries in Eastern Africa and the Yemen
- Disease transmission, Control
Reilly PC jr
1980 N England J Med 303 (10) Sept 4 587-588 Wa
malaria, humans, increasing risk of infection among travelers, suggested control measures
- Disease transmission, Control
Reinecke RK
1980 Vet Parasitol 6 (1-3) Jan 255-292 Wa
chemotherapy in control of helminthosis of sheep and cattle, extensive review with emphasis on research in South Africa, Australia, and New Zealand on anthelmintic tests, epizootiology, and integrated control
- Disease transmission, Control
Ribbeck R et al
1979 Ang Parasitol 20 (4) Nov 221-229 Wa
ectoparasites of farm animals, problems of control discussed: Mongolian People's Republic
- Disease transmission, Control
Rice EW; Hoff JC
1981 Applied and Environment Microbiol 41 (3) Sept 546-547 Wa
Giardia lamblia cysts found to be resistant to high doses of germicidal ultraviolet radiation, findings suggest that ultraviolet irradiation at conventional doses is not viable alternative method of water disinfection in areas where G. lamblia may be present
- Disease transmission, Control
Ripert C et al
1979 Bull Soc Path Exot 72 (4) July-Aug 324-339 Wa
vector-borne parasitic infections of humans, results of environmental impact study of possible health problems that could result from construction of multiple dam water system, suggested control measures: Monts Mandara, Nord-Cameroun
- Disease transmission, Control
Rolland A; Prost A; Thylefors B
1980 Rev Internat Trachome et Path Ocul Trop et Subtrop 57 (2-3) 99-106 Wm
onchocerciasis, population of hyperendemic area with good control of insect vectors, 3-year assessment of mass therapy with suramine, results show that treatment was of little use in decreasing parasite reservoir in the village as a whole or in preventing the risk of ocular complications in the individual: Upper Volta
- Disease transmission, Control
Rolland A; Thylefors B
1979 Tropenmed u Parasitol 30 (4) Dec 482-488 Wa
ocular onchocerciasis, human, prevalence, host age and sex, severity of disease, incidence of blindness, evaluation after 3 years of vector control in 4 rural communities in West Africa
- Disease transmission, Control
Ryan L et al
1981 Tropenmed u Parasitol 32 (3) Sept 145-148 Wa
traps to control and estimate populations of Glossina spp., potential to break trypanosome transmission cycles: Ivory Coast; Zambia
- Disease transmission, Control
Samnotra KG; Kumar P
1980 Mosquito News 40 (2) June 257-263 Wa
malaria, field evaluation of pirimiphos-methyl as mosquito larvicide as part of national eradication program: Bhiwani, India
- Disease transmission, Control
Schantz PM; Andersen FL
1980 Great Basin Nat 40 (3) Sept 30 216-220 Wa
Echinococcus granulosus, survey of dog owners to determine knowledge of hydatid disease and identification of basic sheep management practices to improve control program: Sanpete County, Utah
- Disease transmission, Control
Sharp PT; Harvey P
1980 Papua N Guinea Med J 23 (3) Sept 132-140 Wm
Plasmodium falciparum and P. vivax, contributing factor to stunting of growth (expression of malnutrition) in young children, suggested prophylactic and/or control measures: Highlands Valley, Papua New Guinea

- Disease transmission, Control
Sleigh AC et al
1981 Tr Roy Soc Trop Med and Hyg 75 (2) 234-238
Wa
Schistosoma mansoni, human, oral oxamniquine therapy tested as control strategy in endemic community, 3 year follow-up; 1 case of oxamniquine-associated epileptiform seizures: Brazil
- Disease transmission, Control
Slooff R; Herath PRJ
1980 Trop and Geogr Med 32 (4) Dec 306-311 Wa
Anopheles culifacies, malaria vector, ovarian development and biting frequency surveyed, findings used to assess efficacy of insecticide spraying: Sri Lanka
- Disease transmission, Control
Soh CT; Ahn YK
1973 Yonsei Rep Trop Med 4 (1) Nov 88-95 Wm
Ascaris suum, hookworms, ovicidal effects of ferrous sulfate combined with sodium nitrite when added to infected human and animal excreta used in methane-gas producing toilet systems (system used in rural areas to produce gas which is piped into homes and used as cooking fuel): Korea
- Disease transmission, Control
Splisteser H; Ilchmann G
1980 Beitr Trop Landwirtsch u Vet-Med 18 (3) 235-243 Wa
ectoparasites, strategy of control in extensive animal farming in the GDR
- Disease transmission, Control
Stephenson LS
1980 Parasitology 81 (1) Aug 221-233 Wa
Ascaris lumbricoides, contribution to malnutrition in children, review with recommendations for further research and for control of ascariasis
- Disease transmission, Control
Stuerchler D et al
1980 Tropenmed u Parasitol 31 (1) Mar 87-93 Wa
hookworm, Ascaris lumbricoides, Trichuris trichiura, human, prevalence by host age and sex, effect of community anthelmintic chemotherapy in settlements already having improved environmental sanitation, analysis of costs: Liberia
- Disease transmission, Control
Thacker SB et al
1981 Am J Pub Health 71 (3) Mar 303-305 Wa
Giardia lamblia, Entamoeba histolytica, residents of institution for the mentally retarded, failure of selected isolation procedures to control parasite infections, suggested alternative options
- Disease transmission, Control
Thylefors B; Rolland A
1977 Ann Soc Belge Med Trop 57 (6) Dec 577-582 Wa
Onchocerca volvulus-endemic village, evaluation of 13-year blackfly control program, ophthalmological examinations: Farako (region de Sikasso, Republique du Mali)
- Disease transmission, Control
Tounkara A et al
1978 Afrique Med (160) 17 May 339-342 Wm
Toxoplasma gondii, humans, incidence, evaluation of possible fetal risks, control measures: Mali
- Disease transmission, Control
Undeen AH; Takaoka H; Hansen K
1981 Mosquito News 41 (1) Mar 37-40 Wa
Simulium ochraceum (vector of Onchocerca volvulus), field test of Bacillus thuringiensis var. israelensis as larvicide: Guatemala
- Disease transmission, Control
Urquhart GM et al
1981 Vet Rec 108 (9) Feb 28 180-182 Wa
Dictyocaulus viviparus, calves, levamisole or fenbendazole treatment followed by reinfection, clinical signs, worm burdens, pathology, incompletely developed immune response, concluded that any system of 'control' which depends on drug therapy and reinfection is unpredictable and that vaccination offers only effective method of prophylaxis
- Disease transmission, Control
Vaile M; Miles SJ
1980 Community Med 2 (4) Nov 298-301 Wm
imported human malaria, increasing incidence, continued existence of Anopheles atroparvus (vivax vector), recommendations for local control methods: North Kent marsh areas of England
- Disease transmission, Control
Van der Vloedt AMV et al
1980 Insect Sc and Its Applic 1 (1) 105-112 Wa
trypanosomiasis, experimental helicopter applications of decamethrin followed by release of sterile males for control of riverine vectors in Upper Volta
- Disease transmission, Control
Walker E; Qayyum A
1981 Brit Med J (6288) 283 Aug 8 411-412 Wa
malaria, humans, survey of attitudes toward use of prophylactic measures when travelling in endemic areas of North-west India and Pakistan: Scotland
- Disease transmission, Control
Walsh JF; Davies JB; Le Berre R
1979 Tropenmed u Parasitol 30 (3) Sept 328-344 Wa
Onchocerca volvulus, humans, entomological aspects of first 5 years of WHO Onchocerciasis Control Programme in Volta River Basin
- Disease transmission, Control
Webber RH
1979 Tr Roy Soc Trop Med and Hyg 73 (6) 722-724 Wa
Wuchereria bancrofti, human, eradication of infection through anopheline vector control, extra benefit of Malaria Control Programme in Solomon Islands
- Disease transmission, Control
Webber RH; Southgate BA
1981 Tr Roy Soc Trop Med and Hyg 75 (4) 499-506 Wa
Wuchereria bancrofti, maximum density of anopheline mosquitoes that can be permitted without continuing transmission of filariasis: Guadalcanal, Solomon Islands
- Disease transmission, Control
Weller TH
1980 Hosp Pract 15 (3) Mar 101-108 Wm
tropical diseases, humans, review of global crusades to control infections such as malaria (particularly Plasmodium falciparum)

- Disease transmission, Control
Wernsdorfer WH; Kouznetsov RL
1980 Bull World Health Organ 58 (3) 341-352 Wa
Plasmodium falciparum, drug resistance (biology and genetics, distribution and spread, epidemiology, control, monitoring of drug sensitivity), review
- Disease transmission, Control
Wharton RH; Norris KR
1980 Vet Parasitol 6 (1-3) Jan 135-164 Wa
control of parasitic arthropods, review
- Disease transmission, Control
Wikel SK
1980 Ann Trop Med and Parasitol 74 (1) Feb 103-104 Wa
host resistance to tick-borne pathogens by virtue of resistance to tick infestation, experiments with Dermacentor andersoni-resistant and non-resistant rabbits using tick-borne bacterium Francisella tularensis
- Disease transmission, Control
Wilson CB; Remington JS
1980 Am J Obst and Gynec 138 (4) Oct 15 357-363 Wa
Toxoplasma gondii, human congenital infections (morbidity, incidence, cost, control measures), general review
- Disease transmission, Control
Wood RJ
1981 Parasitology 82 (4) July 69-80 Wa
strategies for conserving susceptibility to insecticides, Workshop Proceedings. 3. European Multicolloquium of Parasitology
- Disease transmission, Control
Woodruff AW et al
1980 Lancet London (8203) 2 Nov 15 1079 Wa
malaria prophylaxis, recommendations for travellers to endemic areas
- Disease transmission, Control
Young RR; Anderson N
1981 Austral J Agric Research 32 (2) 371-388 Wa
Ostertagia ostertagi, eggs and larvae, development and survival in cattle dung pats and on surrounding herbage and soil over period of 12 months, weather and other conditions in plot environment, effects of irrigation, implications of results for control: Victoria, Australia
- Disease transmission, Control
Zhong C; Zheng H
1980 Chinese Med J 93 (8) Aug 537-544 Wm
B[rugia] malayi, large scale control using continued surveillance, mass treatment with diethylcarbamazine or diethylcarbamazine-treated salt, Anopheles vector surveillance; experimental use of levamisole; Meriones unguiculatus used as model host to study human infection: China
- Disease transmission, Control
Zielke E; Chlebowski HO
1980 Tropenmed u Parasitol 31 (4) Dec 444-458 Wa
Wuchereria bancrofti, human, influence of treatment with diethylcarbamazine and vector control on intensity of transmission: Liberia
- Disease transmission, Control
Zitek K; Palicka P
1979 Casop Lek Cesk 118 (47) Nov 23 1447-1450 Wm
human intestinal parasites, incidence, epidemiology, therapy, suggestions for future control: Karvina district
- Disease transmission, Control
Zulik R; Nemeskeri M
1981 Orvosi Hetilap 122 (2) Jan 11 99-100 Wm
Plasmodium vivax, man, case report, infected while in Nigeria, problems of prophylactic control, antimalarial recommendations: Hungary
- Disease transmission, Control
de Zulueta J; Mujtaba SM; Shah IH
1980 Tr Roy Soc Trop Med and Hyg 74 (5) 624-632 Wa
malaria, human, epidemiological background in Pakistan, results of Malaria Control Programme launched in 1975, long-term periodicity of disease in the Punjab
- Disease transmission, Feces [See also Disease transmission, Soil; Disease transmission, Water; Manure; Sewage]
Bettini P; Canestri-Trotti G
1978 Parassitologia 20 (1-3) Dec 211-215 Wa
parasite contamination from dog and cat feces in public parks, school grounds, and sand boxes, public health importance: Bologna (Italy)
- Disease transmission, Feces
Borland ED; Keymer IF; Counter DE
1980 Vet Rec 107 (11) Sept 13 265-266 Wa
Ascaris larvae as probable cause of lesions in condemned sheep livers, infection possibly resulting from exposure to pig slurry, histopathology
- Disease transmission, Feces
Dada BJO
1979 Niger Med J 9 (7-8) July-Aug 693-694 Wm
helminths, stray dogs, incidence survey, high possibility of fecal contamination of the environment by zoonotic helminths in both Kaduna and Zaria areas of Nigeria
- Disease transmission, Feces
Glickman LT et al
1981 Am J Trop Med and Hyg 30 (1 pt 1) Jan 77-80 Wa
Toxocara canis, children, significant associations between: 1) feces, soil, or grass pica and infection; 2) dog ownership and infection; and 3) paint or plaster pica and elevated blood lead: Allegheny County, Pennsylvania
- Disease transmission, Feces
Joyner LP et al
1981 Vet Rec 108 (12) Mar 21 264-265 Wa
Isospora suis, piglets (intestine), infection probably acquired by coprophagy, need for improved hygiene
- Disease transmission, Feces
Mara D; Feachem R
1980 J Trop Med and Hyg 83 (6) Dec 229-240 Wa
technical and public health aspects of low cost sanitation programme planning, includes environmental classification of excreta-related parasitic and other infections

Disease transmission, Feces

Menard E et al
1975 Rev Med Chile 103 (3) Mar 215-220 Wm
Toxoplasma gondii, epidemiological survey of 250 presumably healthy children for evidence of infection using the indirect immunofluorescence test, most active infections started in second year of life, most children had contact with soil contaminated with cat feces: western district of Santiago

Disease transmission, Feces

Moon HW; Bemrick WJ
1981 Vet Path 18 (2) Mar 248-255 Wa
Cryptosporidium, fecal transmission between calves and pigs, histopathology

Disease transmission, Feces

Peeters JE et al
1981 Research Vet Sc 30 (3) May 328-334 Wa
Eimeria spp., rabbits, survey, influence of type of rabbitry (commercial vs. domestic), method of faeces disposal (droppings pit vs. sledge mechanism), host age, and anticoccidial medication: Belgium

Disease transmission, Feces

Richardson JA et al
1980 Avian Dis 24 (2) Apr-June 498-503 Wa
Baylisascaris procyonis in chickens (brain), verminous encephalitis, case report, treated with piperazine; worm eggs isolated from feces of Procyon lotor living in straw mow where litter for chickens was stored

Disease transmission, Feces

Sasaki Y et al
1980 Nippon Zyuishi-Kai Zasshi (J Japan Vet Med Ass) 33 (9) Sept 438-441 Wa
toxoplasmosis, outbreak in swine and wild boars, soil contaminated with feline excreta containing Toxoplasma oocysts was confirmed as source of infection by using same soil to experimentally infect pigs

Disease transmission, Feces

Schneider R
1981 Oeffentl Gsndhtsw 43 (3) Mar 149-150 Wm
Pulex irritans in composted swine manure used on gardens, probable cause of infestations on humans and animals in the general area of the gardens: Germany

Disease transmission, Feces

Skracikova J; Junasova A; Straka S
1981 Ceskoslov Pediat 36 (6) June 331-332 Wm
Giardia intestinalis, massive outbreak in children and staff of infant care center, successful mass therapy with metronidazole, probable transmission from one child to another through fecal-oral route: Czechoslovakia

Disease transmission, Feces

Soh CT; Ahn YK
1973 Yonsei Rep Trop Med 4 (1) Nov 88-95 Wm
Ascaris suum, hookworms, ovicidal effects of ferrous sulfate combined with sodium nitrite when added to infected human and animal excreta used in methane-gas producing toilet systems (system used in rural areas to produce gas which is piped into homes and used as cooking fuel): Korea

Disease transmission, Feces

Stagno S et al
1980 Pediatrics Am Acad Pediat 65 (4) Apr 706-712 Wa
Toxoplasma gondii, children of extended family, clinical, serological and epidemiological aspects, history of geophagia, outbreak probably caused by ingesting oocysts from cat feces, unusual and severe clinical manifestations probably resulted from simultaneous Toxocara infection: Alabama

Disease transmission, Feces

Tzipori S et al
1981 J Infect Dis 144 (2) Aug 170-175 Wa
Cryptosporidium [sp.], artificially reared red deer calves (cecum, colon, jejunum, upper and terminal ileum), possible association between severe diarrhea of deer and parasite infection, serological relationship established (by indirect immunofluorescence) between Cryptosporidium isolated from the deer and bovine Cryptosporidium associated with earlier outbreak in suckled beef calves raised at the same research station, deer C. [sp.] also infected new-born specific pathogen-free mice: Scotland

Disease transmission, Feces

Udonsi JK; Nwosu ABC; Anya AO
1980 Ztschr Parasitenk 63 (3) 251-259 Wa
Necator americanus, frequency distribution of human fecal deposits and infective larvae on farmlands in hookworm endemic area; age structure of larvae and their vertical distribution in soil; weekly and monthly fluctuations in L3 populations: Nigeria

Disease transmission, Food

Aganga OA et al
1981 Internat J Zoonoses 8 (1) June 57-62 Wm
Toxoplasma gondii, serological survey in local food animals (cattle, sheep, goats, swine), concluded that slaughter animals in area present minimal public health hazard: Nigeria

Disease transmission, Food

Amici C et al
1979 Ann Sclavo 21 (3) May-June 264-271 Wm
Toxoplasma, retrospective seroimmunological survey of 3,455 women, role of antibody occurrence in raw meat eaters was statistically verified, Toxoplasma infection may prove to be significant etiological factor for abortion

Disease transmission, Food

Arambulo PV III; Moran N
1980 Internat J Zoonoses 7 (2) Dec 135-141 Wm
food-transmitted parasitic zoonoses, sociocultural and technological determinants (etiologic agents, geographic occurrence, principal food source), general review

Disease transmission, Food

Bouree P et al
1977 Ann Med Int Paris 128 (8-9) Aug-Sept 647-654 Wm
trichinosis, epidemic involving 125 persons, epidemiology, clinical aspects, infected horse meat apparent source of infection: suburban area of south Paris

Disease transmission, Food

Bygbjerg IC; Gomme G
1980 Ugeskr Laeger 142 (8) Feb 18 523 Wm
Dicrocoelium dendriticum, man (eggs in feces), had eaten sheep liver: Denmark

- Disease transmission, Food
Carney WP; Sudomo M; Purnomo
1980 Trop and Geogr Med 32 (2) June 101-105 Wm
Echinostoma lindoense, disappearance of human infections in the Lindu Valley area because of unplanned but successful interruption of parasite life cycle: Central Sulawesi, Indonesia
- Disease transmission, Food
Celerin AJ; McMullen ME
1981 J Am Vet Med Ass 179 (3) Aug 1 245-246 Wm
Diocotophyma renale, dog (peritoneal cavity), infection probably acquired by consumption of dead fish, clinical report: near Lake St Clair
- Disease transmission, Food
Dada BJO
1980 J Helminth 54 (4) Dec 287-291 Wm
Cysticercus bovis, C. cellulosae, hydatid disease, prevalence in slaughtered food animals based on retrospective analysis of abattoir records: Nigeria
- Disease transmission, Food
Dada BJO
1980 J Helminth 54 (4) Dec 293-297 Wm
Cysticercus bovis, C. cellulosae, hydatid cysts, prevalence in slaughtered food animals based on joint examination with meat inspectors: Nigeria
- Disease transmission, Food
Diaz MC et al
1980 Rev Med Chile 108 (10) Oct 900-902 Wm
intestinal protozoal and bacterial infections, hospital food handlers, incidence survey, possible significance: Santiago, Chile
- Disease transmission, Food
Dubey JP
1980 J Am Vet Med Ass 177 (12) Dec 15 1203-1207 Wm
Toxoplasma gondii cysts, goats (nat. and exper.), distribution and persistence in various organs and tissues and in milk, effect of freezing meat, public health significance
- Disease transmission, Food
Fameree L; Cotteleer C; Van Den Abbeele O
1979 Rev Med Liege 34 (10) May 15 464-473 Wm
Trichinella spiralis, 4 members of family after eating wild boar meat, case report, general review: Belgium
- Disease transmission, Food
Forattini OP et al
1980 Rev Saude Pub S Paulo 14 (1) Mar 143-149 Wm
Trypanosoma cruzi, autochthonous infection, 9-year-old girl, no known synanthropic Triatominae vectors in area, infection possibly resulted from handling wild mammals being prepared for consumption: area of southern coast of Sao Paulo State, Brazil
- Disease transmission, Food
Frenzel A et al
1979 Rev Med Chile 107 (4) Apr 343-351 Wm
intestinal parasites, young children, relationship to infections in persons preparing the children's food and in sanitary conditions in their homes: Chile
- Disease transmission, Food
Grossklaus D
1979 Oeffentl Gsndhtsw 41 (8) Aug 501-512 Wm
zoonoses, current problems involving food hygiene, studies aimed at improving consumer protection, prophylactic measures for veterinary surgeons in the public health field
- Disease transmission, Food
Jackson GJ et al
1981 Applied and Environment Microbiol 41 (4) Apr 912-914 Wm
parasitic nematodes, recovery from fish, comparison of digestion and elution methods, fish from San Francisco markets contained more nematodes than fish from Boston markets
- Disease transmission, Food
Kim DC
1974 Yonsei Rep. Trop Med 5 (1) Nov 3-44 Wm
Clonorchis sinensis, humans, vectors, reservoir hosts, extensive ecological and prevalence survey in high and low endemicity areas (seasonal distribution, sex and age factors, transmission factors): Korea
- Disease transmission, Food
Kimmig P; Piekarski G; Heydorn AO
1979 Immun u Infekt 7 (5) Nov 170-177 Wm
Sarcocystis suihominis, human volunteers infected by eating infected raw pork, symptoms and clinical findings, laboratory findings
- Disease transmission, Food
Lainson R; Shaw JJ; Naiff RD
1980 Rev Inst Med Trop S Paulo 22 (6) Nov-Dec 294-297 Wm
Trypanosoma cruzi, exper. mice infected when fed a variety of local foods contaminated at least 3 hours with viable epimastigotes; speculations on possible contamination of foods by infected domiciliated vector bugs imported from highly endemic areas to low endemic areas of the Amazon basin
- Disease transmission, Food
Lin Y et al
1980 Tung Wu Hsueh Pao (Acta Zool Sinica) 26 (1) Mar 52-60 Wm
paragonimiasis, epidemiological survey, raw or partially-cooked crabs as source of infection in humans: Jien'ou district, Fujian Province
- Disease transmission, Food
Mantovani A et al
1978 Parassitologia 20 (1-3) Dec 101-111 Wm
Echinococcus granulosus, dogs (exper.) fed raw bovine, ovine or swine meat sold as pet food, confirms hypothesis of urban canine infection: Roma and/or Bologna
- Disease transmission, Food
Mosimabale FO; Belino ED
1980 Internat J Zoonoses 7 (2) Dec 115-119 Wm
Taenia saginata cysticerci, bovine carcass heavily infected with Cysticercus bovis selected from routine meat inspection at abattoir and prepared in the normal cooking fashion for grilled beef (suya), normal cooking was insufficient and worms showed clear signs of viability, probable major route of disease transmission in Nigeria

- Disease transmission, Food
Osterholm MT et al
1981 N England J Med 304 (1) Jan 1 24-28 Wa
Giardia lamblia, foodborne outbreak in employees and employee contacts of a public school, epidemiologic investigation: Goodhue, Minnesota
- Disease transmission, Food
Overstreet RM; Meyer GW
1981 J Parasitol 67 (2) Apr 226-235 Wa
Hysterothylacium type MB larvae from Paralichthys lethostigma as cause of hemorrhagic lesions in stomach of Macaca mulatta (exper.), implications for human consumption of raw seafood
- Disease transmission, Food
Pinkus H; Fan J; DeGiusti D
1981 Internat J Dermat 20 (1) Jan-Feb 46-49 Wm
Gnathostoma spinigerum, man, creeping eruption (back), after eating undercooked fish, had travelled in rural area of Taiwan
- Disease transmission, Food
Rondelaud D
1980 Ann Parasitol 55 (4) July-Aug 393-405 Wa
Fasciola hepatica, human, epidemiology of 187 cases over 24 years, species of plant consumed, date of consumption, and place where plants were collected, species of Lymnaea present and their susceptibility to experimental infection: Limousin, France
- Disease transmission, Food
Sagua H et al
1979 Rev Med Chile 107 (1) Jan 16-19 Wm
Diphyllobothrium pacificum, 11 human (feces) cases diagnosed, all had eaten insufficiently cooked fish, clinical review, niclosamide therapy: 5 seaports in northern Chile
- Disease transmission, Food
Seng LT
1980 Southeast Asian J Trop Med and Pub Health 11 (4) Dec 493-495 Wa
anisakid larvae in marine fish, prevalence, mean intensity of infection, potential risk of human infection by eating lightly cooked fish: Pulau Tikus Fish Market, Penang, Malaysia
- Disease transmission, Food
Sours HE; Smith DG
1980 J Infect Dis 142 (1) July 122-125 Wa
Outbreaks of foodborne disease in the United States, 1972-1978
- Disease transmission, Food
Valdiserri RO
1981 Am J Clin Path 76 (3) Sept 329-333 Wa
intestinal anisakiasis, woman who consumed raw Pacific salmon, case report, Anisakinae degenerating larva removed from granulomatous tissue in intestine, 5 viable Anisakis larvae recovered from salmon purchased at market where woman shopped: United States
- Disease transmission, Helminths See Vectors, Helminths
- Disease transmission, Hirudinea See Vectors, Hirudinea
- Disease transmission, Imported and exported hosts [See also Disease transmission, Travel and migration]
- Disease transmission, Imported and exported hosts
Applewhaite LM; Craig TM; Wagner GC
1981 Trop Animal Health and Prod 13 (1) Feb 13-18 Wa
Babesia bigemina, B. bovis, native and imported cattle, serological prevalence, comparison of indirect fluorescent antibody and complement fixation tests, effect of host age: Guyana
- Disease transmission, Imported and exported hosts
Callow LL; Kanhai GK; Vandenberghe A
1981 Trop Animal Health and Prod 13 (2) May 79-82 Wa
Babesia bovis, demonstration of close serological relationship between strains occurring in Australia and Mozambique using indirect fluorescent antibody test, practical implication is that Australian vaccine should protect cattle being introduced into southern Africa from B. bovis-free environments
- Disease transmission, Imported and exported hosts
Joynner LP; Donnelly J; Huck RA
1981 Equine Vet J 13 (2) Apr 103-106 Wa
Babesia equi, B. caballi, complement fixation tests performed on horses destined for international movement from Great Britain and Ireland during 1976 to 1979, all positive animals had spent some part of their life outside the British Isles, test not really suitable for equids other than horses
- Disease transmission, Imported and exported hosts
Kotrla B; Kotrly A
1980 Ang Parasitol 21 (2) May 79-82 Wa
helminths, transmission among native and imported game animals, influence of external environmental conditions (changes in intermediate and definitive hosts, climate, etc.) on various morphological and metrical changes of parasite, possible taxonomic problems, review: Bohemia and Moravia, Czechoslovakia
- Disease transmission, Imported and exported hosts
Schaffer GD et al
1981 J Wildlife Dis 17 (2) Apr 217-227 Wa
helminth parasites in Procyon lotor typical of animals released by private hunting clubs in Appalachian Mountains, compared with data from resident raccoons from characteristic release areas, possible influence of raccoon translocation on parasitic diseases: southeastern United States
- Disease transmission, Insecta See Vectors, Insecta
- Disease transmission, Intrauterine See Prenatal infection
- Disease transmission, Lactation
Bosse M; Manhardt J; Stoye M
1980 Zentralbl Vet-Med Beihefte (30) 247-256 Wa
nematodes, dogs, galactogenetic and prenatal infection, effect of mebendazole and fenbendazole on larvae in mother dog (exper.)

- Disease transmission, Lactation
Mello DA; Borges MM
1981 Tr Roy Soc Trop Med and Hyg 75 (5) 754-755
Wa
Trypanosoma cruzi, neonatal transmission in Calomys callosus (exper.), not possible to determine whether transmission was transplacental or by mothers' milk
- Disease transmission, Lactation
Miller GC
1976 Parasitology 82 (2) Apr 335-342 Wa
prenatal and transmammary transmission of helminth parasites, review with emphasis on life cycle, longevity, and maternal transmission of Pharyngostomoides procyonis and P. adenocephala
- Disease transmission, Lactation
Min HK
1976 Yonsei Rep Trop Med 7 (1) Nov 68-73 Wm
Toxocara canis, Ancylostoma caninum, larvae, intramammary migration patterns compared, histological examination of breast tissue of infected mice before and after parturition
- Disease transmission, Lactation
Nwosu ABC
1981 Trop and Geogr Med 33 (2) June 105-111 Wa
hookworm infections in human neonates, mostly Ancylostoma duodenale although Necator americanus is the predominant species in this area, incidence survey, possibility of transmammary infection route: Southern Nigeria
- Disease transmission, Lactation
Setasuban P; Punsri W; Meunoo C
1980 Southeast Asian J Trop Med and Pub Health 11 (4) Dec 535-538 Wa
Necator americanus, nursing mothers, survey for prevalence in breast milk, potential source of infection: Thailand
- Disease transmission, Lactation
Wilson PAG; Simpson NE
1981 Parasitology 83 (3) Dec 459-475 Wa
Strongyloides ratti, nulliparous female rats, nursing mothers and their pups, dynamics of infection and route of migration in low dose infections of homogonic and heterogonic parasite strains
- Disease transmission, Man to man [See also
Disease transmission, Venereal]
- Disease transmission, Man to man
Bittencourt AL et al
1981 Am J Trop Med and Hyg 30 (1 pt 1) Jan 38-42 Wa
T[rypanosoma] cruzi, 10 cases of pneumonitis in congenital Chagas' disease, relationship between parasitic infection of lungs and that of amniotic epithelium, amniotic fluid as probable means of transmission of Chagas' disease among professionals working in area of obstetrics
- Disease transmission, Man to man
Bouree P; Fouquet E
1978 Bull Soc Path Exot 71 (3) May-June 297-301
Wa
Plasmodium falciparum infection transmitted from infected patient to nurse who had drawn blood sample, case report: Cameroun
- Disease transmission, Man to man
Catar G
1979 Bratisl Lekar Listy 72 (5) Nov 524-529 Wm
toxoplasmosis, humans, possible occupational disease (employees in meat industry, laboratory workers in contact with infected animals, health service personnel etc.), recommendations for control
- Disease transmission, Man to man
Dykes AC et al
1980 Pediatrics Am Acad Pediat 65 (4) Apr 799-803 Wa
Entamoeba histolytica, 3 infants, severe extra-intestinal infections, case reports, person-to-person spread within families implicated: United States
- Disease transmission, Man to man
Kvasz L
1979 Bratisl Lekar Listy 72 (5) Nov 597-600 Wm
Giardia lamblia, incidence in families of infected subjects and in children in residential homes (according to age groups), recommendations for prophylaxis and control to prevent spread or reinfection
- Disease transmission, Man to man
Malyszko E; Zajac W
1980 Przegl Dermat 67 (1) Jan-Feb 53-61 Wm
Trichomonas vaginalis, humans, role of sexual contact and extraseual routes in the spread of infections
- Disease transmission, Man to man
Palicka P; Malis L; Zitek K
1980 Ceskoslov Epidemiol Mikrobiol Imunol 29 (1) Jan 52-59 Wa
scabies, human, epidemiological study, subjective and objective symptoms, person from whom infection was acquired, many epidemiological features in common with venereal diseases
- Disease transmission, Man to man
Skracikova J; Junasova A; Straka S
1981 Ceskoslov Pediat 36 (6) June 331-332 Wm
Giardia intestinalis, massive outbreak in children and staff of infant care center, successful mass therapy with metronidazole, probable transmission from one child to another through fecal-oral route: Czechoslovakia
- Disease transmission, Sewage See Sewage
- Disease transmission, Sludge See Sewage
- Disease transmission, Soil [See also
Disease transmission, Feces]
- Disease transmission, Soil
Armour J et al
1980 Vet Rec 106 (8) Feb 23 184-185 Wa
Ostertagia ostertagi, presence of large numbers of third stage larvae in soil on apparently safe aftermath pastures
- Disease transmission, Soil
Brook I et al
1981 IC Infect Control 2 (4) July-Aug 317-320
Wm
increased rates of eosinophilia among children in institution for mentally retarded, serologic survey showed previous exposure to variety of parasites but principal cause of eosinophilia may be Toxocara infection due to frequent pica behavior and contact with resident animals: California

- Disease transmission, Soil
Fincher GT; Stewart TB
1979 Proc Helminth Soc Washington 46 (1) Jan
43-46 Issued Mar 14 Wa
nematodes of cattle (feces), vertical migration
of larvae through soil after burial of eggs at
varying depths, laboratory studies; swine pas-
ture studies using *Ostertagia ostertagi*
- Disease transmission, Soil
Frenkel JK; Ruiz A
1981 Am J Epidemiol 113 (3) Mar 254-269 Wa
Toxoplasma antibody prevalence in humans,
cats, and intermediate hosts, chain of
transmission (environmental factors, rural and
urban living, soil contact, human association
with cats, cat density, and host age): Costa
Rica
- Disease transmission, Soil
Glickman LT et al
1981 Am J Trop Med and Hyg 30 (1 pt 1) Jan
77-80 Wa
Toxocara canis, children, significant associa-
tions between: 1) feces, soil, or grass pica
and infection; 2) dog ownership and infection;
and 3) paint or plaster pica and elevated blood
lead: Allegheny County, Pennsylvania
- Disease transmission, Soil
Lawande RV et al
1980 Am J Trop Med and Hyg 29 (1) Jan 21-25 Wa
Naegleria fowleri identified in Muslim farmer
with fatal primary amebic meningoencephalitis,
case report, disease contracted during ritual
washing which involved sniffing water up nose
before prayers, organism also isolated from
water and soil from pond used as water source:
Nigeria
- Disease transmission, Soil
Soesanto; Moetrarsi; Cerf BJ
1980 Berkala Ilmu Kedokteran (J Med Sc) 12 (3)
Sept 123-128 Wm
soil-transmitted intestinal helminths, humans,
incidence survey, environmental and socio-
cultural associations, possible prophylactic
measures: Bali
- Disease transmission, Soil
Stagno S et al
1980 Pediatrics Am Acad Pediat 65 (4) Apr 706-
712 Wa
Toxoplasma gondii, children of extended fami-
ly, clinical, serological and epidemiological
aspects, history of geophagia, outbreak prob-
ably caused by ingesting oocysts from cat
feces, unusual and severe clinical manifesta-
tions probably resulted from simultaneous *Tox-*
ocara infection: Alabama
- Disease transmission, Soil
Surgan MH et al
1980 Am J Pub Health 70 (11) Nov 1207-1208 Wa
Toxocara canis, survey of dog feces and soil
samples from public areas, results suggest
contamination of soil in public parks is not
an important factor in transmission of vis-
ceral larva migrans in Essex County, New Jersey
- Disease transmission, Soil
Udonsi JK; Nwosu ABC; Anya AO
1980 Ztschr Parasitenk 63 (3) 251-259 Wa
Necator americanus, frequency distribution of
human fecal deposits and infective larvae on
farmlands in hookworm endemic area; age struc-
ture of larvae and their vertical distribution
in soil; weekly and monthly fluctuations in
L3 populations: Nigeria
- Disease transmission, Soil
Vinayak VK; Chitkara NL; Chhuttani PN
1979 Indian J Med Research 70 Oct 609-614 Wa
Ancylostoma duodenale, survival of larvae in
various soil types and under various climatic
conditions and seasons
- Disease transmission, Soil
Woodruff AW et al
1981 Ann Trop Med and Parasitol 75 (5) Oct
555-557 Wm
Toxocara ova in soil in Mosul District and
antibodies in human serum in Baghdad, results
indicate public health importance of toxocaral
contamination of soil even in climatic condi-
tions of Middle East: Iraq
- Disease transmission, Soil
Woodruff AW et al
1981 Ann Trop Med and Parasitol 75 (5) Oct
559-561 Wm
Toxocara ova in soil and antibodies in human
serum, public health implications: Sudan
- Disease transmission, Transplacental See Pre-
natal infection
- Disease transmission, Transport hosts See Vec-
tors, Mechanical
- Disease transmission, Travel and migration [See
also Disease transmission, Imported and exported
hosts]
- Disease transmission, Travel and migration
Al-Taqi M; Behbehani K
1980 Ann Trop Med and Parasitol 74 (5) Oct 495-
501 Wa
cutaneous leishmaniasis, human, clinical obser-
vations, host age and sex, seasonal incidence,
geographical distribution, factors which may
have led to spread of infection (including in-
crease in economic activities, travellers and
immigrants, change in ecological conditions):
Kuwait
- Disease transmission, Travel and migration
Anderson JF et al
1981 Am J Trop Med and Hyg 30 (4) July 897-899
Wa
Rhicrocephalus simus, importation into United
States from Africa on boutonneuse fever pa-
tient: Connecticut, U.S.A.. had just returned
from Kenya
- Disease transmission, Travel and migration
Arfaa F
1981 J Family Pract 12 (2) Feb 223-226 Wm
Intestinal parasites among Indochinese refugees
and Mexican immigrants resettled in Contra
Costa County, California, rates of infection
varied with age and sex
- Disease transmission, Travel and migration
Baeurle G; Stroothenke M
1981 Hautarzt 32 (7) July 372-373 Wm
Tunga penetrans, man, case review, associated
pathology, epidemiology, life cycle review:
Germany, had just returned from Tanzania
- Disease transmission, Travel and migration
Bastin R; Charmot G
1980 Nouv Presse Med 9 (14) Mar 22 1003-1006
Wm
Plasmodium spp., humans, epidemiologic survey,
practical clinical aspects and recommended pro-
phylaxis, most infections resulted after travel
to Africa rather than to Asia: France

- Disease transmission, Travel and migration
Bella H et al
1980 Tr Roy Soc Trop Med and Hyg 74 (1) 36-39
Wa
Schistosoma mansoni, migrant workers, prevalence (by age, sex, ethnic group, and area), morbidity: Gezira, Sudan
- Disease transmission, Travel and migration
Bengtsson E et al
1981 Lancet London (8240) 2 Aug 1 249 Wa
malaria, humans travelling to chloroquine-resistant endemic areas of East Africa, suggested prophylaxis includes chloroquine followed by a long acting sulfonamide 4 weeks after return
- Disease transmission, Travel and migration
Beringer T; Wiebe C
1981 Oeffentl Gsndhtsw 43 (4) Apr 195-197 Wm
intestinal parasites, incidence survey, refugees from 12 nations; high prevalence of Ancylostoma duodenale in Indian immigrants: Essen, Germany
- Disease transmission, Travel and migration
Bernhard K; Semlow A
1980 Ang Parasitol 21 (1) Feb 6-10 Wa
helminths, humans, coprological survey of inhabitants and workers in rural municipality of Rostock district, GDR, comparisons with incidence in animal workers of other municipalities, seamen going to the tropics, and immigrants from the tropics
- Disease transmission, Travel and migration
Black RH
1980 Med J Australia 1 (10) May 17 493-494 Wm
Plasmodium falciparum, increased evidence of chloroquine-resistant malaria in Papua New Guinea necessitates changes in malarial prophylaxis in travellers to that area, brief recommendations for alternate control measures
- Disease transmission, Travel and migration
Bork K; Schramm P
1981 Hautarzt 32 (3) Mar 141-144 Wm
Dermatobia hominis causing furuncular myiasis, man (right arm), case report: Germany, had travelled to Bolivia
- Disease transmission, Travel and migration
Böttiger M et al
1980 Nord Med Stockholm 95 (4) Apr 125-127 Wm
malaria, need for better knowledge about vaccination and prophylaxis for persons travelling to endemic areas
- Disease transmission, Travel and migration
Brandborg LL et al
1980 Gastroenterology 78 (6) June 1602-1614 Wa
Giardia lamblia, man who had vacationed in Tahiti, case report; discussion of traveler's diarrhea and giardiasis (epidemiology, pathogenesis, diagnosis, asymptomatic infections, pathology, G. muris in mouse model, treatment)
- Disease transmission, Travel and migration
Brothers, WS; Heckmann RA
1980 Cutis 25 (6) June 636-638 Wm
Tunga penetrans, 21-year-old man, case report: Utah, had visited beach at Rio de Janeiro, Brazil
- Disease transmission, Travel and migration
Bruce-Chwatt LJ
1978 Ann Soc Belge Med Trop 58 (2) June 77-88
Wa
mass travel and imported diseases, including several parasitic infections, humans, advice for travellers, brief review
- Disease transmission, Travel and migration
Brunner G; Reisner T; Schnaberth G
1980 Nervenarzt 51 (1) Jan 43-46 Wm
Echinococcus cysticus, primary cerebral cyst, man, case report, diagnosis using computer assisted tomography: Germany, after travel to endemic areas
- Disease transmission, Travel and migration
Bulfoni A et al
1980 Arch Sc Med Torino 137 (4) Oct-Dec 687-694
Wm
malaria, 9 human cases, clinical and epidemiological notes, all had history of recent travel to or work in African or Asian endemic areas: Italy
- Disease transmission, Travel and migration
Cheesmond A
1980 Tr Roy Soc Trop Med and Hyg 74 (5) 691-692
Wa
Schistosoma mansoni, migrant workers, sociologically distinct groups, water contact behavior patterns in relation to risk of infection: Gezira, Sudan
- Disease transmission, Travel and migration
Cooke RA; Shannon J
1980 Med J Australia 2 (12) Dec 13 670-673 Wm
Plasmodium spp., humans, increasing incidence in Australia, epidemiological survey, diagnostic alert, clinical presentations, infections imported by visitors to or workers in endemic areas and by immigrants
- Disease transmission, Travel and migration
Coulaud JP et al
1979 Ann Int Med Paris 130 (12) Dec 693-696 Wm
Plasmodium spp., imported into Paris area, increasing incidence, risks for pregnant women, lack of, or inadequacy of, prophylaxis, frequency of re-infections in persons returning briefly to endemic areas
- Disease transmission, Travel and migration
Daiber A; Anguita T
1978 Rev Med Chile 106 (1) Jan 66 Wm
Plasmodium falciparum, man, case report, possibly became infected while spending 45 minutes in Dakar airport when travelling to non-endemic area: Chile
- Disease transmission, Travel and migration
Delmont J et al
1979 Bull Soc Path Exot 72 (3) May-June 222-231
Wa
Plasmodium spp., Europeans who had been living in endemic areas of Africa, analysis of fluorescent antibodies in serum, useful in evaluating success of chemoprophylaxis, detecting infections in potential blood donors, and in evaluating febrile illnesses
- Disease transmission, Travel and migration
Delmont J et al
1981 Med Trop 41 (2) Mar-Apr 129-134 Wm
Plasmodium spp., humans, incidence of imported malaria in the Marseilles area, epidemiologic aspects of 164 hospitalized cases: France

- Disease transmission, Travel and migration
Dieng-Hellfeldt B; Wuthe HH
1980 Oeffentl Gsndhtsw 42 (11) 863-869 Wm
intestinal parasites, incidence survey, fewer
infections in German population vs. immigrants
from south of Europe, Turkey, Africa, or Indo-
china
- Disease transmission, Travel and migration
Doby JM
1981 Parasitology 82 (4) July 191-203 Wa
importation of tropical parasites to temperate
regions, Workshop Proceedings, 3. European
Multicolloquium on Parasitology
- Disease transmission, Travel and migration
Dondero TJ jr et al
1979 South Med J 72 (12) Dec 1508-1511 Wm
Dermatobia hominis causing human myiasis,
lesions reported by 3 groups of travellers to
Guatemala
- Disease transmission, Travel and migration
Echeverria P et al
1981 J Infect Dis 143 (6) June 767-771 Wa
travelers' diarrhea, incidence in Peace Corps
volunteers, Entamoeba histolytica included as
cause: rural Thailand
- Disease transmission, Travel and migration
Eouzan JP
1980 Insect Sc and Its Applic 1 (1) 99-103 Wa
trypanosomiasis, human, epidemiology, influence
of population changes and movements including
migrants and refugees, review: Central Africa
- Disease transmission, Travel and migration
Excler JL; Renaud H; Monnet P
1980 Nouv Presse Med 9 (7) Feb 9 455-456 Wm
Plasmodium vivax, newborn infant, congenital
infection, mother was immigrant from Cambodia:
Lyon, France
- Disease transmission, Travel and migration
Faehlmann M et al
1981 Lakartidningen 78 (10) Mar 4 961-962 Wm
Fasciola hepatica, case reports, clinical
aspects, possibly 1st imported cases into
Sweden (after travel to Asia and Madeira)
- Disease transmission, Travel and migration
Fleury P et al
1980 J Franc Ophtal 3 (8-9) 503-506 Wm
Loa loa, ocular loiasis in young woman after
camping trip in Equatorial Africa, case
report, clinical aspects, diethylcarbamazine
therapy, importance of immunological diag-
nostic techniques: France
- Disease transmission, Travel and migration
Garms R; Walsh JF; Davies JB
1979 Tropenmed u Parasitol 30 (3) Sept 345-362
Wa
Onchocerca volvulus, reinvasion by infected
Simulium damnosum s.l. into areas of WHO Oncho-
cerciasis Control Programme, emphasis on south-
western areas of Volta River Basin
- Disease transmission, Travel and migration
Gentilini M et al
1981 Tr Roy Soc Trop Med and Hyg 75 (3) 455-460
Wa
imported malaria, human, 443 cases from 1970 to
1979, annual and monthly distribution, species
of plasmodia, nationality, origin of infection,
host age and sex, incubation period, signs and
symptoms, diagnosis, circumstances of appear-
ance, treatment: hospital in Paris, France
- Disease transmission, Travel and migration
Geraci JE; Wilson WR; Thompson JH jr
1980 Mayo Clin Proc 55 (7) July 455-458 Wm
Leishmania donovani, man, clinical case re-
port, presented with fever of unknown origin,
diagnosis only after exploratory laparotomy and
splenectomy: Madrid, had travelled to Morocco
- Disease transmission, Travel and migration
de Geus A
1980 Nederl Tijdschr Geneesk 124 (41) 1737-1741
Wm
tropical parasitic diseases of humans imported
into the Netherlands, general review
- Disease transmission, Travel and migration
Goldsmid JM
1980 Social Sc and Med Med Geogr 14D (2) June
101-109 Wm
Imported disease: A continuing and increasing
threat to Australia, includes malaria, filar-
iasis, schistosomiasis
- Disease transmission, Travel and migration
Goldsmid JM; Nightingale R; Clark D
1980 Med J Australia 1 (13) June 28 667 Wm
filariasis, human, 2 imported cases (one case
report of Loa loa, other of tropical eosino-
philia): Tasmania
- Disease transmission, Travel and migration
Goldstein B; Janssen F; Pepin B
1981 Nouv Presse Med 10 (22) May 16 1845 Wm
Schistosoma mansoni, man, spinal cord infec-
tion, had vacationed and swum in Martinique:
France
- Disease transmission, Travel and migration
Haddy RI
1980 Am Family Physician 3 22 (6) Dec 25 Wm
Giardia lamblia, Strongyloides stercoralis,
Ascaris lumbricoides, mixed infections in
adopted Indian child now living in Michigan
- Disease transmission, Travel and migration
Hall AP
1980 Roy Soc Health J 100 (2) Apr 57-61 Wm
Plasmodium spp., human, general brief clinical
review (epidemiology, pathophysiology, diag-
nosis, clinical features, management); sug-
gested control measures to prevent transmission
into the United Kingdom
- Disease transmission, Travel and migration
Hart WE
1980 Connecticut Med 44 (9) Sept 547-548 Wm
Paragonimus westermani, young male native of
Laos, clinical case report, diagnostic alert
for physicians treating recent refugees from
Southeast Asia: Connecticut
- Disease transmission, Travel and migration
Heath ACG; McColl HP; Tenquist JD
1980 N Zealand Vet J 28 (8) Aug 168-169 Wa
Rhipicephalus sanguineus, accidental impor-
tation into New Zealand
- Disease transmission, Travel and migration
Helliwell CJV; Turner AC
1980 Practitioner London (1346) 224 Aug 793-796
Wm
diseases imported from endemic areas, brief
survey, brief clinical discussion includes
protozoal infections: United Kingdom

- Disease transmission, Travel and migration
Hill IR; Turk EP
1980 Aviation Space and Environ Med 51 (9 pt 2)
Sept 1069-1070 Wm
schistosomiasis, case reports, incidental find-
ing of pulmonary infection in victims of a
fatal aircraft accident, gives insight into the
potential hazards of dissemination of diseases
by travellers, emphasises value of routine
postmortems and histology in all aircraft
accident victims
- Disease transmission, Travel and migration
Ho PWL; Pien FD; Guerrero RC
1979 Hawaii Med J 38 (12) Dec 401-402 Wm
Diphyllobothrium latum, Hawaiian male (feces),
case report, had eaten raw fish while on fish-
ing trip to Alaska, yomesan therapy: Hawaii
- Disease transmission, Travel and migration
Hoede N; Bork K
1980 Hautarzt 31 (1) Jan 53-55 Wm
leishmaniasis, humans, 2 case reports, locali-
zations on forehead and lumbar regions of skin:
Germany (after travel to endemic areas)
- Disease transmission, Travel and migration
Hoffman SL et al
1981 Am J Trop Med and Hyg 30 (2) Mar 340-343
Wa
intestinal parasites in Indochinese immigrants,
Cambodians and Laotians had higher rate of mul-
tiple parasites than Vietnamese, Giardia lam-
blia was more prevalent in children: clinics
in San Diego, California
- Disease transmission, Travel and migration
Horstmann P
1980 Ugeskr Laeger 142 (4) Jan 21 245-246 Wm
Plasmodium vivax, young Danes who had lived
and worked for several months in Guinea-Bissau,
recommended prophylaxis of proguanil and
chloroquine was apparently inadequate
- Disease transmission, Travel and migration
Janssens PG; De Muyck A
1977 Ann Soc Belge Med Trop 57 (6) Dec 589-592
Wa
Trypanosoma rhodesiense, tourists and sports-
men returning from east, central, or southern
Africa, clinical features, serological and
cerebro-spinal fluid observations, recommended
treatment regimen
- Disease transmission, Travel and migration
Jaremin B; Myjak P; Gandurski P
1980 Polski Tygod Lekar 35 (10) Mar 10 357-358
Wm
Plasmodium falciparum, Polish seaman returning
from West Africa, case report, associated
acute renal failure, brief clinical review
- Disease transmission, Travel and migration
Johnston JH; Stewart JB; Roberts DM
1980 Postgrad Med J London (661) 56 Nov 802-803
Wa
Entamoeba histolytica, amoebic dysentery in
former soldier who had symptoms of infection
for 36 years, acquired infection while serving
in India, later illness not recognized as
amoebiasis, importance of diagnostic awareness
of this condition after any travel to tropics:
England
- Disease transmission, Travel and migration
Jumner B et al
1981 Med Trop 41 (2) Mar-Apr 135-146 Wm
P[lasmodium] spp., humans, incidence and vector
survey, 1970-1979, epidemiology, periodic in-
creases in infections related to arrival of in-
fected migrants and a lengthy drought, sugges-
ted control measures: French Guyana
- Disease transmission, Travel and migration
Kaiser MN; Hoogstraal H; Watson GE
1974 Bull Entom Research 64 (1) Aug 97-110 Wa
ticks, migrating birds, epidemiological po-
tential of birds and their tick passengers:
Cyprus
- Disease transmission, Travel and migration
Kan SKP; Chong EL
1980 Ann Trop Med and Parasitol 74 (2) Apr
267-269 Wa
Clonorchis sinensis, Korean seaman (biliary
tract), case report: Sabah, Malaysia
- Disease transmission, Travel and migration
Kent DC; Ebbesen GK
1980 N York State J Med 80 (8) July 1217-1219
Wm
intestinal infestation by parasites in business
executives involved in foreign travel, inci-
dence survey, comparison with similar survey
done 10 years previously: personnel returning
from abroad to the United States
- Disease transmission, Travel and migration
Khalil HM et al
1979 J Egypt Pub Health Ass 54 (5-6) 382-395 Wm
Schistosoma haematobium, relocated people of
the Nubian populations, parasitological and
malacological incidence survey, results dis-
cussed in light of snail prevalence, water
sources, and community development: New Nuba,
Egypt
- Disease transmission, Travel and migration
Kloos H et al
1980 Ethiop Med J 18 (2) Apr 53-62 Wm
intestinal parasitism, incidence survey, mi-
grant farm labor populations in irrigation
schemes in the Awash Valley, and in major labor
source areas: Ethiopia
- Disease transmission, Travel and migration
Krampitz HE
1981 Hautarzt 32 (5) May 221-227 Wm
Elba triad (cutaneous or visceral leishman-
iasis, harara, light dermatoses), humans,
epidemiologic investigation of this pathologic
condition in tourists after travel to the
Tuscany archipelago, probable Phlebotomus vec-
tors, significance of dogs travelling with
tourists as possible reservoir hosts: Germany
- Disease transmission, Travel and migration
Kubic P; Levitt C; Coccia P
1980 Minnesota Med 63 (3) Mar 161-163 Wm
Plasmodium falciparum, children who had
travelled to or lived in endemic areas, em-
phasis on need for early diagnosis and prompt
therapy to avoid fatal illnesses: Minnesota
- Disease transmission, Travel and migration
Lacoste D et al
1980 Med Trop 40 (3) May-June 295-300 Wm
Schistosoma mansoni, man, bilharzial myelitis,
case report, travelled to endemic African areas
and swam in infected waters, general clinical
review of previous cases: France

- Disease transmission, Travel and migration
Loescher T; Pruefer L; von Sonnenburg FF
1980 Deutsche Med Wchnschr 105 (14) Apr 4 488-489 Wa
intestinal parasites, Vietnamese refugees, incidence survey (by age groups): Munchen, Bundesrepublik Deutschland
- Disease transmission, Travel and migration
Mahoney JL
1981 South Med J 74 (3) Mar 295-297 Wm
onchocerciasis, expatriates working on a hydroelectric dam project in Taabo (hyperendemic area), diagnosis, clinical management, therapy: Ivory Coast
- Disease transmission, Travel and migration
Marjolet M; Morin O; Vermeil C
1979 Bull Soc Path Exot 72 (5-6) Sept-Dec 435-442 Wa
Plasmodium spp., humans, survey, cases imported into Nantes over a 10-year period: France
- Disease transmission, Travel and migration
Montalvo-Hicks LDC; Trevenen CL; Briggs JN
1980 Pediatrics Am Acad Pediat 66 (2) Aug 266-268 Wa
Trypanosoma cruzi, 13-month-old Canadian immigrant, acute myocarditis confirmed at autopsy, importance of travel history: born in Paraguay
- Disease transmission, Travel and migration
Muir AD; Burry AF; Faoagali JL
1980 N Zealand Med J (652) 91 Jan 23 44-47 Wa
Leishmania tropica, human who had previously travelled in Middle East, diagnosis, treatment, case report: Christchurch, New Zealand
- Disease transmission, Travel and migration
Niebauer G
1980 Ztschr Hautkrankh 55 (20) Oct 15 1378-1387 Wm
vacation-related skin diseases, humans, includes information on leishmaniasis, schistosomiasis, larva migrans, ticks
- Disease transmission, Travel and migration
Normand P; Aubry P; Gouzien P
1981 Med Trop 41 (2) Mar-Apr 219-221 Wm
Dermatobia hominis, woman (right thigh), furunculoid myiasis: France, had just returned from French Guyana
- Disease transmission, Travel and migration
Ortiz JS
1980 Am J Pub Health 70 (10) Oct 1103-1105 Wa
intestinal parasites in Puerto Rican farm workers, survey, prevalence by age and sex studied in population under age 15: area of Holyoke, Massachusetts
- Disease transmission, Travel and migration
Otsuji Y et al
1979 Igaku Kenkyu Fukuoka (Acta Medica) 49 (3) Sept 180-192 Wm
parasites involving human digestive organs, diagnosis, few now found in Japan because of control measures but danger of importation from surrounding areas continues
- Disease transmission, Travel and migration
Ott AK; Charters AD; Bowman RA
1980 Med J Australia 2 (11) Nov 29 623-624 Wm
Tunga penetrans, cause of infestation in foot of young West Australian who had travelled to Africa
- Disease transmission, Travel and migration
Overton RW
1980 J Iowa Med Soc 70 (9) Sept 377-378 Wm
Trichuris trichiura, infection in 11-year-old Korean national adopted by American couple living in Iowa
- Disease transmission, Travel and migration
Ozeretskovskaia NN
1980 Terap Arkh 52 (2) 111-119 Wm
Plasmodium spp., case reports of infections in humans after travel to endemic areas, pathology and complications, clinical management
- Disease transmission, Travel and migration
Pearre S jr
1979 Internat Rev Ges Hydrobiol 64 (2) 193-206 Wa
hemiuroid larval trematode-infected chaetognaths, morphological (gigantism) and behavioral (vertical migration to better-lit habitat) modifications, excess field mortality, lowered reproductive potential, contagious distribution of parasites within host population, may be optimal strategy to increase intermediate host predation by correct final host species and minimize damage to intermediate host population as a whole
- Disease transmission, Travel and migration
Peeters D et al
1980 Ann Soc Belge Med Trop 60 (2) June 183-194 Wa
cerebral cysticercosis, 20-year-old female, light and electron microscopic study of brain pathology, case review: Belgium, had travelled to India
- Disease transmission, Travel and migration
Peltola H; Rapola J; Jokipii L
1980 Duodecim 96 (17) 1145-1152 Wm
Leishmania donovani, 13-month-old child, clinical report, infection apparently result of blood exchange transfusion given when child was 6 days old: Finland (apparently healthy donor had travelled in southern Europe)
- Disease transmission, Travel and migration
Picher O; Aspoeck H
1980 Wien Med Wchnschr 130 (5) Mar 15 190-193 Wm
parasitic infections, frequency and significance in Vietnamese refugees living in Austria
- Disease transmission, Travel and migration
Pichon G
1981 Ann Parasitol 56 (1) 107-120 Wa
Wuchereria bancrofti, Brugia malayi, approach to speciation based on study of microfilarial periodicity as function of microfilarial density, relationship to possible dissemination of parasites in Pacific prehistory by migrating Polynesians
- Disease transmission, Travel and migration
Powalowska J; Dziubinski K
1980 Polski Tygod Lekar 35 (21) May 26 799-800 Wm
amoebiasis, man, hepatic abscess after travel to tropical countries, case report
- Disease transmission, Travel and migration
Reilly PC jr
1980 N England J Med 303 (10) Sept 4 587-588 Wa
malaria, humans, increasing risk of infection among travelers, suggested control measures

- Disease transmission, Travel and migration
Rowe RS
1980 N Zealand Med J (662) 91 June 25 472-473
Wa
Amblyomma [sp.], woman, case report, tick bite acquired while visiting in Western Australia: New Zealand
- Disease transmission, Travel and migration
Ryder RW et al
1981 J Infect Dis 144 (5) Nov 442-448 Wa
travelers' diarrhea in Panamanian tourists, etiologic and epidemiologic survey, includes Giardia lamblia and Entamoeba histolytica: Mexico
- Disease transmission, Travel and migration
Saliou P et al
1978 Bull Soc Path Exot 71 (4-5) July-Oct 342-347 Wa
Plasmodium vivax, P. falciparum, humans, 2 autochthonous case reports, one probably acquired at international airport by bite of imported vector, other probably acquired in hospital and transmitted by local mosquito which had acquired infection from carrier in same hospital: Paris
- Disease transmission, Travel and migration
Sebahoun G; Imbert C; Carcassonne Y
1980 Nouv Presse Med 9 (8) Feb 16 531 Wm
leishmaniasis, humans, evidence of visceral infections in non-endemic areas, brief clinical findings of 13 cases: France
- Disease transmission, Travel and migration
Soei KI; van der Kaay HJ
1980 Acta Leidensia 48 43-46 Wa
Tunga penetrans, case report, Dutch woman who had spent her holiday in Surinam
- Disease transmission, Travel and migration
Stanghellini A; Duvallet G
1981 Tropenmed u Parasitol 32 (3) Sept 141-144 Wa
Trypanosoma gambiense, human, distribution in population by village, ethnic group, sex, and age, highest incidence among men in age-groups 10 to 30 and among immigrants from Upper Volta: Ivory Coast
- Disease transmission, Travel and migration
Staples DC; Dale JA
1980 Gastrointest Endoscopy 26 (1) Feb 21-22
amebic liver abscess, 19-year-old man after visit to Mexico, aspiration of abscess using peritoneoscopic techniques to guide placement of needle in abscess cavity: California
- Disease transmission, Travel and migration
Sudomo M et al
1980 Southeast Asian J Trop Med and Pub Health 11 (4) Dec 451-460 Wa
Brugia malayi, humans from indigenous village vs. those living in new Transmigration Scheme, incidence survey (host age and sex distribution) and transmission study, incidence in domestic cats, periodicity, survey for potential vectors: East Kalimantan, Indonesia
- Disease transmission, Travel and migration
Sulzer AJ et al
1981 Ann Trop Med and Parasitol 75 (4) Aug 375-381 Wm
Plasmodium vivax, human, malaria antibody (indirect immunofluorescence) and parasitaemia patterns in one immune (native Jivaro Indians) and one non-immune (oil field workers) population in malarious area of northern Peru
- Disease transmission, Travel and migration
Sun T
1980 Am J Trop Med and Hyg 29 (6) Nov 1223-1227 Wa
clonorchiasis, human, 4 case reports, 2 in American residents who contracted infection during visits to endemic areas and 2 in Hong Kong patients with unusual pathologic changes (egg-granuloma of liver and adenoma of bile duct)
- Disease transmission, Travel and migration
Torres-Rojas JR; Rothschild H; Krotoski WA
1981 Am J Trop Med and Hyg 30 (1 pt 1) Jan 1-4 Wa
tropical splenomegaly syndrome in nontropical setting, human, case report, elevated antibody titers to Plasmodium falciparum returned to normal after antimalarial therapy and splenectomy: Hotel Dieu Hospital, New Orleans, Louisiana (previous resident of Honduras)
- Disease transmission, Travel and migration
Warren KS
1980 Hosp Pract 15 (1) Jan 110-127 Wm
potential hazards for travellers to areas of endemic tropical diseases, brief review for physicians includes: trypanosomiasis, amoebiasis, schistosomiasis, malaria, leishmaniasis, giardiasis, filariasis, loiasis
- Disease transmission, Travel and migration
Warwick R; Swimer GJ; Britt RP
1980 J Roy Soc Med 73 (5) May 333-336 Wa
Plasmodium vivax in Asians (either new immigrants or United Kingdom resident Asians returning from holidays), prolonged incubation period of imported infections, seasonal factors: London
- Disease transmission, Travel and migration
Wassilew SW
1980 Ztschr Hautkrankh 55 (21) Nov 1 1418-1424 Wm
prophylactic and therapeutic measures in tourist dermatoses, includes mention of scabies, cutaneous larva migrans, and cutaneous leishmaniasis
- Disease transmission, Travel and migration
Wattre P et al
1980 Nouv Presse Med 9 (5) Jan 26 305-309 Wm
Echinococcus granulosus, immunodiagnostic methods used to confirm classical clinical and radiological diagnostic data and to conduct post-therapeutic surveillances, high prevalence of infection in immigrant workers vs native population in France
- Disease transmission, Travel and migration
Young EJ
1980 Hosp Pract 15 (2) Feb 140-148 Wm
Plasmodium species (further identification attempted unsuccessfully), man who had travelled to endemic area, case report, clinical aspects, diagnostic problems: Texas

- Disease transmission, Travel and migration
Zuidema PJ
1981 Trop and Geogr Med 33 (1) Mar 30-35 Wa
Schistosoma mansoni (possibly strain not well adapted to man), Katayama syndrome in Dutch tourists to the Omo National Park, epidemiology, pathology, clinical findings: Ethiopia
- Disease transmission, Travel and migration
Zulik R; Nemeskeri M
1981 Orvosi Hetilap 122 (2) Jan 11 99-100 Wm
Plasmodium vivax, man, case report, infected while in Nigeria, problems of prophylactic control, antimalarial recommendations: Hungary
- Disease transmission, Venereal
Chapel TA et al
1979 Sex Transm Dis 6 (4) Oct-Dec 257-260 Wm
Phthirus pubis, incidence survey in clinic for treatment of sexually transmitted diseases, clinical findings, diagnosis, epidemiology and associated sexually transmitted diseases
- Disease transmission, Venereal
Current WL
1980 J Protozool 27 (3) Aug 278-287 Issued Oct 9 Wa
Cryptobia sp., 2 populations (attached and free swimming) within spermatheca of Triadopsis multilineata, fine structure of attached flagellates and their mode of attachment to spermatheca, venereal mode of transmission suggested: Platte River near Louisville, Sarpy Co., Nebraska
- Disease transmission, Venereal
Dubey JP; Sharma SP
1980 Am J Vet Research 41 (5) May 794-795 Wa
Toxoplasma gondii, prolonged excretion in semen of goats (exper.), venereal transmission remains undetermined
- Disease transmission, Venereal
Felman YM
1981 Bull N York Acad Med 2 s 57 (3) Apr 201-206 Wa
Entamoeba histolytica, Giardia lamblia, human, sexual transmission, approaches to control, symposium presentation
- Disease transmission, Venereal
Felman YM; Nikitas JA
1980 N York State J Med 80 (5) Apr 781-783 Wm
diagnosis and treatment of sexually transmitted diseases, equipment necessary to set up a physician's office, includes information on trichomoniasis and scabies
- Disease transmission, Venereal
Heller M
1980 Ann Emergency Med 9 (9) Sept 487-493 Wm
Entamoeba histolytica, Giardia lamblia and other intestinal parasites, common problem of homosexual patients in the hospital emergency department, clinical management, suggested treatment schedules
- Disease transmission, Venereal
Hurwitz AL; Owen RL
1978 West J Med San Francisco 128 (1) Jan 89-91 Wm
intestinal protozoa, humans, venereal transmission, clinical management, case reports: San Francisco
- Disease transmission, Venereal
Judson FN et al
1980 Am J Epidemiol 112 (6) Dec 836-843 Wa
sexually transmitted diseases, comparative prevalence rates in heterosexual and homosexual men, includes incidence of pediculosis and scabies: Denver metropolitan area
- Disease transmission, Venereal
Keystone JS; Keystone DL; Proctor EM
1980 Canad Med Ass J 123 (6) Sept 20 512-514 Wa
intestinal parasites, homosexual men, prevalence, symptoms, and factors in transmission: Toronto, Canada
- Disease transmission, Venereal
Klein JR
1980 Pediat Clin North Am 27 (1) Feb 141-152 Wm
sexually transmitted diseases in adolescents, includes Trichomonas vaginalis
- Disease transmission, Venereal
McCormack WM et al
1981 Am J Obst and Gynec 139 (2) Jan 15 130-133 Wa
sexually transmitted conditions among women college students, survey, includes Trichomonas vaginalis; scabies and pediculosis pubis were not encountered
- Disease transmission, Venereal
McMillan A
1980 Scottish Med J 25 (1) Jan 33-35 Wm
intestinal parasites, homosexual men, incidence survey at sexually-transmitted disease clinic in Glasgow, Scotland
- Disease transmission, Venereal
Malyszko E; Zajac W
1980 Przegl Dermat 67 (1) Jan-Feb 53-61 Wm
Trichomonas vaginalis, humans, role of sexual contact and extrasexual routes in the spread of infections
- Disease transmission, Venereal
Marr JS
1981 Bull N York Acad Med 2 s 57 (3) Apr 188-200 Wa
amebiasis, human, changing pattern of transmission in New York City, current epidemic among homosexual men in West Village, symposium presentation
- Disease transmission, Venereal
Mason PR
1980 South African Med J 58 (21) Nov 22 857-859 Wm
Trichomonas vaginalis, humans, sexually transmitted infections, current concepts
- Disease transmission, Venereal
Omer EE; Ali MH; Erwa HH
1980 Trop Doctor 10 (3) July 99-102 Wm
sexually transmitted diseases in Sudanese women, includes information on Trichomonas vaginalis
- Disease transmission, Venereal
Osoba AO
1979 West African J Pharmacol and Drug Research 5 (1) 37-44 Wm
Medical treatment of sexually transmitted diseases in developing countries, humans, trichomoniasis briefly discussed

- Disease transmission, Venereal
Owen WF jr
1980 Ann Int Med 92 (6) June 805-808 Wa
enteric pathogens in homosexual men
- Disease transmission, Venereal
Pec J; Jedinak J; Moravcik P
1981 Ceskoslov Dermat 56 (2) Apr 119-124 Wm
Trichomonas vaginalis, women, concomitant
gonorrhoeal infections, highest incidence in
those 15-24 years old and in those with multiple
sexual partners
- Disease transmission, Venereal
Phillips SC et al
1981 N England J Med 305 (11) Sept 10 603-606
Wa
enteric protozoa and helminths, sexual trans-
mission in a venereal-disease-clinic popula-
tion, prevalence, association between infection
and gender, sexual preference, and sexual
practice
- Disease transmission, Venereal
Pomerantz BM; Marr JS; Goldman WD
1980 Bull N York Acad Med 56 (2) Mar 232-244
Wa
amoebiasis, humans, epidemiological survey
1958-1978, sex ratios, distribution in New
York City and its boroughs, identification of
male homosexual high risk population
- Disease transmission, Venereal
Sohn N; Robilotti JG jr
1977 Am J Gastroenterol 67 (5) May 478-484 Wm
colonic and rectal conditions in 200 male
homosexuals, includes Entamoeba histolytica and
other protozoal infections
- Disease transmission, Venereal
William DC
1981 Cutis 27 (3) Mar 278-285 Wm
Entamoeba histolytica, Giardia lamblia, humans,
growing incidence as sexually transmitted
enteric infection, pathogenesis, clinical
signs, diagnostic methods, therapy, follow-
up management
- Disease transmission, Venereal
Yanga K; Lusanga NK; Kabuiku P
1978 Afrique Med (163) 17 Oct 561-653 Wm
trichomoniasis, humans, urogenital infections,
effects of polygamy, therapeutic regimens com-
pared
- Disease transmission, Venereal
Ylvisaker JT; McDonald GB
1980 Western J Med 132 (2) Feb 153-157 Wa
Entamoeba histolytica, two homosexual men
presenting amebic colitis and liver abscess,
diagnostic difficulties, evidence that sexually
transmitted amebiasis can be virulent illness
- Disease transmission, Water [See also Disease
transmission, Feces; Irrigation]
- Disease transmission, Water
Abolarin MO
1981 Trop and Geogr Med 33 (1) Mar 83-88 Wa
Guinea worm infection in Nigerian villagers,
epidemiological survey indicates source of
infections is a cyclops-infested, man-made
cattle pond near their village, pond water
used for drinking and various domestic pur-
poses: Wawa village, Kwara State, Nigeria
- Disease transmission, Water
Albaret JL et al
1980 Ann Parasitol 55 (5) Sept-Oct 541-552 Wa
Fasciola gigantica, Senegalese strain, ciliated
cells and argentophilic structures of mira-
cidium, emission and chaetotaxy of cercaria,
ability of cercariae to encyst on surface of
water. epidemiological implications
- Disease transmission, Water
Appleton CC; Bruton MN
1979 Ann Trop Med and Parasitol 73 (6) Dec 547-
561 Wa
schistosomiasis, epidemiology in vicinity of
Lake Sibaya and in other areas of Tongaland,
distribution, prevalence, snail host ecology,
human and stock contact with different types
of waterbodies: Natal, South Africa
- Disease transmission, Water
Bonnefoy X; Isautier H
1978 Bull Soc Path Exot 71 (1) Jan-Feb 70-78 Wa
helminthiasis, human, prevalence in 1972 vs.
1976, influence of sanitation, precipitation,
urban vs. rural habitat, water quality: Re-
union Island
- Disease transmission, Water
Bunnag T et al
1980 Southeast Asian J Trop Med and Pub Health
11 (4) Dec 559-565 Wa
health survey (including serological and in-
tradermal tests for Schistosoma japonicum and
stools for intestinal parasites) for possible
health hazards of the water resources develop-
ment, residents in the area of the Phitsanulok
Irrigation Project, Nan River Basin, Northern
Thailand
- Disease transmission, Water
Cheesmond A
1980 Tr Roy Soc Trop Med and Hyg 74 (5) 691-692
Wa
Schistosoma mansoni, migrant workers, sociolog-
ically distinct groups, water contact behavior
patterns in relation to risk of infection:
Gezira, Sudan
- Disease transmission, Water
Cheesmond AK; Fenwick A
1981 J Trop Med and Hyg 84 (3) June 101-107 Wa
Schistosoma mansoni, 12-month study of excre-
tory behaviour of resident and migrant labour-
ers undertaken to contribute information for
control strategy in endemic area, study results
show only limited regular contamination of
water bodies with S. mansoni eggs: Gezira,
Sudan
- Disease transmission, Water
De Jonckheere JF
1979 Ann Microbiol 130 B (2) Aug-Sept 205-212
Wa
survey of pathogenic free-living amoebae in
swimming pools, pathogenicity for mice:
Belgium
- Disease transmission, Water
De Jonckheere JF
1981 J Protozool 28 (1) Feb 56-59 Issued June 18
Wa
Acanthamoeba, pathogenic and nonpathogenic
species in thermally polluted discharges and
surface waters in spring and autumn; superi-
ority of plaque method over filtration tech-
nique for isolation: Belgium

- Disease transmission, Water
Edungbola LD
1980 Acta Trop 37 (1) Mar 73-81 Wa
patterns of water utilization and public health implications in Ilorin, Kwara State, Nigeria
- Disease transmission, Water
Henry FJ
1981 Tr Roy Soc Trop Med and Hyg 75 (4) 507-513 Wa
children studied with regard to anthropometry, intestinal helminths (*Ascaris* and *Trichuris*), diarrhoea and other illnesses, findings related to different levels of sanitation and water supplies, possibility of malnutrition being secondary to illness rather than primary: St. Lucia, West Indies
- Disease transmission, Water
Jarroll EL jr; Bingham AK; Meyer EA
1980 Am J Trop Med and Hyg 29 (1) Jan 8-11 Wa
Giardia, effect of 6 emergency water disinfection methods on cyst viability, variations with contact time, temperature, and water quality
- Disease transmission, Water
Jarroll EL; Bingham AK; Meyer EA
1981 Applied and Environment Microbiol 41 (2) Feb 483-487 Wa
Giardia lamblia, effect of chlorine on cyst viability under variety of conditions of temperature, pH, chlorine-cyst contact time, and chlorine concentration, epidemiological implications
- Disease transmission, Water
Johnson S; Joshi V
1979 Tr Indian Soc Desert Technol and Univ Cent Desert Studies 4 (2) July 79-83 Wa
Dracunculus medinensis, humans, epidemiologic survey in 18 villages, incidence by sex, age, and caste of host, duration of infection, water supply as source of contamination: Jodhpur District, Rajasthan
- Disease transmission, Water
Jordan P; Christie JD; Unrau GO
1980 Acta Trop 37 (2) June 95-135 Wa
schistosomiasis transmission, review with particular reference to possible ecological and biological methods of control
- Disease transmission, Water
Kloos H; Lemma A
1980 Ethiop Med J 18 (3) July 91-98 Wm
Schistosoma mansoni, humans, epidemiology, in depth study of water contact patterns according to exposure and contamination of local waters, applications for local control project: Tensae Berhan town, Ethiopia
- Disease transmission, Water
Lawande RV et al
1980 Am J Trop Med and Hyg 29 (1) Jan 21-25 Wa
Naegleria fowleri identified in Muslim farmer with fatal primary amebic meningoencephalitis, case report, disease contracted during ritual washing which involved sniffing water up nose before prayers, organism also isolated from water and soil from pond used as water source: Nigeria
- Disease transmission, Water
Lemma A et al
1979 Ethiop Med J 17 (3) July 63-74 Wm
Schistosoma mansoni, human, prevalence in relation to host age, sex, type of water source used, occupation, and socio-economic level; clinical observations; seasonal snail occurrence, speciation, and infection: Tensae Berhan. Ethiopia
- Disease transmission, Water
Lopez CE et al
1980 Am J Epidemiol 112 (4) Oct 495-507 Wa
Giardia lamblia, clinical, epidemiological, and laboratory aspects of communitywide outbreak of gastrointestinal illness; water implicated as source of infection with either humans or *Castor canadensis* responsible for contaminating source water: Berlin, New Hampshire
- Disease transmission, Water
Luchtel DL; Lawrence WP; DeWalle FB
1980 Applied and Environment Microbiol 40 (4) Oct 821-832 Wa
Giardia lamblia cysts, scanning and transmission electron microscopy, flexibility of cyst wall results in experimental difficulties with membrane filtration of cysts in aqueous suspension, findings point to potential difficulties in removing cysts from water with present water treatment technology
- Disease transmission, Water
Norman SH; Kreutner A jr
1980 South Med J 73 (3) Mar 297-300 Wm
sparganosis, humans, subcutaneous tissue masses, pathology and clinical aspects of 10 cases, most likely route of infection in man is through drinking impure water: Southeastern United States
- Disease transmission, Water
Rice EW; Hoff JC
1981 Applied and Environment Microbiol 41 (3) Sept 546-547 Wa
Giardia lamblia cysts found to be resistant to high doses of germicidal ultraviolet radiation, findings suggest that ultraviolet irradiation at conventional doses is not viable alternative method of water disinfection in areas where *G. lamblia* may be present
- Disease transmission, Water
Ripert C et al
1979 Bull Soc Path Exot 72 (4) July-Aug 324-339 Wa
vector-borne parasitic infections of humans, results of environmental impact study of possible health problems that could result from construction of multiple dam water system, suggested control measures: Monts Mandara, Nord-Cameroun
- Disease transmission, Water
Rivera F et al
1981 J Protozool 28 (1) Feb 54-56 Issued June 18 Wa
Naegleria and *Acanthamoeba* among protozoa found polluting bottled mineral waters in Mexico

- Disease transmission, Water
Tayo MA; Pugh RNH; Bradley AK
1980 Ann Trop Med and Parasitol 74 (3) June 347-354 Wa
Schistosoma haematobium study area, human water-contact activities, frequency, degree of bodily contact with water, diurnal variation, age and sex differences, dry vs. wet season, implications for schistosomiasis transmission and control: Ruwan Sanyi dam, Malumfashi District, northern Nigeria
- Disease transmission, Water
Theron A
1980 Rev Epidemiol et San Pub 28 (1) Apr 30 131-139 Wm
Schistosoma mansoni, measurement of cercarial density in local running water used to assess potential risk of human contamination in an endemic area: Guadeloupe
- Disease transmission, Water
Warhurst DC; Carman JA; Mann PG
1980 Tr Roy Soc Trop Med and Hyg 74 (6) 832 Wa
Naegleria fowleri, survival of cysts at 4°C for 8 months with retention of virulence, indicates cysts produced in temperate waters may survive prolonged winter
- Distribution in host See Localization
- Diurnal rhythms See Periodicity
- Dominican Republic
Collins RF; Edwards LD
1981 Tr Roy Soc Trop Med and Hyg 75 (4) 549-551 Wa
intestinal helminths and protozoans, prevalence in rural population segment of Dominican Republic
- Drug resistance See Resistance, Drug
- Drugs, Mode of action [See also Pharmacology]
- Drugs, Mode of action
Albonico SM; Pizzorno MT; Montiel AA
1980 Medicina Buenos Aires 40 Suppl (1) 5-9 Wm
Trypanosoma cruzi, in vitro, trypanocidal activity of 100 compounds containing N-substituted indole structures screened for structure activity relationships
- Drugs, Mode of action
Al-Dabagh MA et al
1981 J Parasitol 67 (5) Oct 709-712 Wa
Echinococcus granulosus, effect of mebendazole on sheep hydatid cysts as demonstrated by electron microscopy
- Drugs, Mode of action
Ambu S; Mak JW
1981 Southeast Asian J Trop Med and Pub Health 12 (2) June 228-230 Wa
Angiostrongylus malaysiensis-infected rats (exper.), subcutaneous treatment with mebendazole or flubendazole, drugs possibly act against parasite intestinal cells
- Drugs, Mode of action
Andrews P; Thomas H
1979 Tropenmed u Parasitol 30 (3) Sept 391-400 Wa
Hymenolepis diminuta and other tapeworms, praziquantel, mode of action
- Drugs, Mode of action
Arrick BA; Griffith OW; Cerami A
1981 J Exper Med 153 (3) Mar 1 720-725 Wa
Trypanosoma brucei brucei, mice, buthionine sulfoximine treatment, results demonstrate possible use of inhibition of glutathione synthesis as chemotherapeutic strategy for trypanosomiasis
- Drugs, Mode of action
Bacchi CJ
1981 J Protozool 28 (1) Feb 20-27 Issued June 18 Wa
trypanosomatids, polyamines, content, biosynthesis, function, potential as critical drug targets, symposium presentation
- Drugs, Mode of action
Bacchi CJ et al
1980 Science (4467) 210 Oct 17 332-334 Wm
Trypanosoma brucei brucei, mice, alpha-difluoromethylornithine, effective and nontoxic when administered orally, in vitro inhibition of ornithine decarboxylase, results suggest polyamine metabolism as potential therapeutic target in trypanosomes
- Drugs, Mode of action
Bacchi CJ et al
1981 Biochem Pharmacol 30 (8) Apr 15 883-886 Wm
Trypanosoma brucei brucei, mice, curative effect of amicarbalide and imidocarb, prevention by polyamines, implications
- Drugs, Mode of action
Barrett J
1981 Biochemistry of parasitic helminths 308 pp London (MacMillan Publishers Ltd) Wa(QL392.B3)
- Drugs, Mode of action
Beaulieu BB jr et al
1981 Antimicrob Agents and Chemotherapy 20 (3) Sept 410-414 Wa
Entamoeba histolytica, Trichomonas vaginalis, metronidazole metabolism in cultures, formation of acetamide may be associated with microbicidal action of metronidazole
- Drugs, Mode of action
Becker B et al
1980 Ztschr Parasitenk 61 (2) 121-133 Wa
Hymenolepis nana, morphological changes after in vitro exposure to praziquantel, scanning and transmission electron microscopy
- Drugs, Mode of action
Becker B et al
1980 Ztschr Parasitenk 63 (2) 113-128 Wa
Schistosoma mansoni, Dicrocoelium dendriticum, Fasciola hepatica, fine structure of tegument after in vitro treatment with praziquantel, scanning and transmission electron microscopy
- Drugs, Mode of action
Becker B et al
1981 Ztschr Parasitenk 64 (3) 257-269 Wa
adult and larval cestodes, morphological changes of tegument after in vitro exposure to and in vivo treatment with praziquantel, scanning and transmission electron microscopy

- Drugs, Mode of action
Berens RL; Marr JJ; Brun R
1980 Molec and Biochem Parasitol 1 (2) Apr 69-73
Wa
Trypanosoma brucei, T. rhodesiense, growth inhibition and radioisotope incorporation studies with allopurinol, metabolic similarities to T. cruzi and Leishmania spp.
- Drugs, Mode of action
Bierman J; MacInnis AJ; Lobstein OE
1979 Ann Clin and Lab Sc 9 (5) Sept-Oct 381-386
Wa
Trypanosoma lewisi, effects of lysozyme in vitro and in vivo (rats), results suggest lysozyme may be effective trypanocide against T. cruzi or as adjunct to chemotherapy
- Drugs, Mode of action
Bortoletti G; Gabriele F
[1980] Riv Parasitol Roma 40 (1-2) 1979 97-104
Issued Feb Wa
Hymenolepis nana, in vitro, action of atebirin and yomesan
- Drugs, Mode of action
Boveris A et al
1980 Biochem J 188 (3) June 15 643-648 Wa
Trypanosoma cruzi, epimastigotes lack adequate enzyme defense against hydrogen peroxide and hydrogen peroxide-related free radicals, possibility of turning abnormal hydrogen peroxide metabolism of parasitic trypanosomes to therapeutic advantage
- Drugs, Mode of action
Brun R; Leon W
1978 Acta Trop 35 (3) Sept 239-246 Wa
Leishmania tarentolae, effect of ethidium bromide on growth, dyskinetoplasty, and ultrastructure of promastigotes in vitro
- Drugs, Mode of action
Bueding E; Hawkins J; Cha YN
1981 Agents and Actions 11 (4) July 380-383 Wm
Schistosoma mansoni, mice, antischistosomal effects of cyclosporin A (new selective immunosuppressive agent), synergistic antischistosomal effects of cyclosporin A with subcurative dose of amoscanate, evidence suggests antischistosomal effects are mediated through stimulation of host mechanisms directed against parasite
- Drugs, Mode of action
Carson DA; Chang KP
1981 Biochem and Biophys Research Commun 100 (3) June 16 1377-1383 Wa
Leishmania donovani (in vivo and in vitro), L. mexicana (in vitro), anti-leishmanial activity of formycin B, possible mechanism of action
- Drugs, Mode of action
Casero RA jr et al
1980 Antimicrob Agents and Chemotherapy 18 (2) Aug 317-322 Wm
Trypanosoma rhodesiense, activity of 2-acetylpyridine thiosemicarbazones in vitro, semiautomated assay system makes rapid analysis of structure-activity relationship possible
- Drugs, Mode of action
Chandrasekaran B; Ghirnikar SN; Harinath BC
1980 Indian J Exper Biol 18 (10) Oct 1179-1180
Wa
Wuchereria bancrofti, effect of diethylcarbamazine and diethylcarbamazine-N-oxide on microfilariae in vitro in presence of immune sera and leukocytes
- Drugs, Mode of action
Charet P et al
1980 Comp Biochem and Physiol 65B (3) 519-524
Wa
Plasmodium yoelii nigeriensis, P. chabaudi, aminopeptidases, physicochemical properties; inhibition by chloroquine, quinacrine, and primaquine, but less so by quinine; species differences in isoenzyme profile
- Drugs, Mode of action
Chou AC; Chevli R; Fitch CD
1980 Biochemistry, Washington 19 (8) Apr 15 1543-1549 Wa
Plasmodium berghei, ferriprotoporphyryn IX fulfills criteria for identification as chloroquine receptor of malaria parasites
- Drugs, Mode of action
Cioli D; Knopf PM
1980 Am J Trop Med and Hyg 29 (2) Mar 220-226
Wa
Schistosoma mansoni, mode of action of hycanthonone in vivo and in vitro, new experimental approach based on transfer of schistosomes into mesenteric veins of hamsters, data suggest that schistosomicidal effect of hycanthonone is not caused by host-derived metabolite
- Drugs, Mode of action
Clarkson AB jr et al
1981 Molec and Biochem Parasitol 3 (5) Sept 271-291 Wa
Trypanosoma brucei brucei, chemotherapy, systematic screening for alternatives to salicylhydroxamic acid-glycerol combination
- Drugs, Mode of action
Coles AM; Swoboda BEP; Ryley JF
[1981] J Protozool 27 (4) Nov 1980 502-506
Issued Mar 11 Wa
Eimeria tenella, thymidylate synthetase, properties, possible enzyme target for chemotherapeutic attack
- Drugs, Mode of action
Comley JCW
1980 Internat J Parasitol 10 (2) Apr 143-150 Wa
Aspiculuris tetraptera, ultrastructural changes in intestinal cells of female worms following in vivo treatment of mice with mebendazole or thiabendazole
- Drugs, Mode of action
Comley JCW; Wright DJ
1981 Internat J Parasitol 11 (1) Feb 79-84 Wa
Aspiculuris tetraptera, Ascaris suum, succinate dehydrogenase (SDH) and fumarate reductase (FR) activity, effect of cambendazole, thiabendazole, and levamisole on enzyme activity, SDH/FR complex is unlikely to be primary site of chemotherapeutic attack for these anthelmintics

- Drugs, Mode of action
Cox BA et al
1981 J Parasitol 67 (3) June 410-416 Wa
Trypanosoma brucei, ethidium analogs, anti-trypanosomal action enhanced by photoaffinity labeling, provides new approach for studying mechanism of action
- Drugs, Mode of action
Croft SL; Neame KD; Homewood CA
1981 Comp Biochem and Physiol 68C (1) 95-98 Wa
Leishmania mexicana amazonensis, L. donovani, accumulation of [¹²⁵Sb]sodium stibogluconate by parasites in vitro, implications for mode of action
- Drugs, Mode of action
Crystal MM
1978 J Med Entom 15 (1) Nov 7 52-56 Wa
Cochliomyia hominivorax, diflubenzuron-induced decrease of egg hatch, effects of age, sex, number of feedings, and egg stage, chemical activity limited to single gonotrophic cycle
- Drugs, Mode of action
Das UN et al
1979 Prostaglandins and Med 2 (4) Apr 317-318 Wm
Entamoeba histolytica, implications of prostaglandins in pathogenesis of amoebiasis, beneficial effects of amoebicides may be related to their ability to antagonize various actions of prostaglandins liberated by parasite
- Drugs, Mode of action
De Bernardi M
1977 Arch Sc Med Torino 134 (1) Jan-Mar 69-71 Wm
mepartricin combined with chlortetracycline, in vitro action, useful in treating cervico-vaginal infections including Trichomonas vaginalis
- Drugs, Mode of action
Dereviagina TI
1978 Trudy Gel'mintol Lab Akad Nauk SSSR 28 200-207 Wa
Ascaridia galli, micromorphological changes in body wall and digestive system resulting from action of loizole
- Drugs, Mode of action
Docampo R et al
1978 Acta Trop 35 (3) Sept 221-228 Wa
Trypanosoma cruzi, inhibition of growth of epimastigotes by phenazine methosulfate related to generation of free radicals
- Drugs, Mode of action
Docampo R et al
1981 Biochem Pharmacol 30 (14) July 15 1947-1951 Wm
Trypanosoma cruzi, mechanism of nifurtimox toxicity in amastigotes, trypomastigotes, and epimastigotes
- Drugs, Mode of action
Docampo R et al
1981 Molec and Biochem Parasitol 3 (3) July 169-180 Wa
Trypanosoma cruzi, biochemical and ultrastructural alterations produced by miconazole and econazole
- Drugs, Mode of action
Docampo R; Stoppani AOM
1980 Medicina Buenos Aires, 40 Suppl (1) 10-16 Wm
mechanism of the trypanocidal action of nifurtimox and other nitro-derivatives on Trypanosoma cruzi
- Drugs, Mode of action
Dotson MJ; Chu SH; Hillman GR
1981 Comp Biochem and Physiol 68C (2) 229-230 Wa
Schistosoma mansoni, selective inhibition of parasite acetylcholinesterase by dansylated acetylcholine analogs
- Drugs, Mode of action
Drummond GS; Kappas A
1981 J Exper Med 153 (2) Feb 1 245-256 Wa
antimony-containing parasitocidal agents, potent heme-degrading action, possible relation to toxic and parasitocidal action of these agents
- Drugs, Mode of action
Edwards DI
1980 Brit J Vener Dis 56 (5) 285-290 Wm
Trichomonas vaginalis, metronidazole and other nitroimidazole drugs, mode of action
- Drugs, Mode of action
Edwards SR et al
1981 Molec and Biochem Parasitol 2 (5-6) Apr 323-338 Wa
Fasciola hepatica, effects of diamphenethide-amine and oxyclozanide on metabolism
- Drugs, Mode of action
Edwards SR et al
1981 Molec and Biochem Parasitol 2 (5-6) Apr 339-348 Wa
Fasciola hepatica, protection against flukicidal action of diamphenethide-amine in vitro
- Drugs, Mode of action
Erasmus DA; Popiel I
1980 Exper Parasitol 50 (2) Oct 171-187 Wa
Schistosoma mansoni, 4 stages in development of mature vitelline cell defined precisely, % of their contribution to cell population of vitelline lobule determined, effects of astiban, lucanthone, and hycanthone on this cell population
- Drugs, Mode of action
Evans DA; Brightman CAJ
1980 Tr Roy Soc Trop Med and Hyg 74 (5) 601-604 Wa
Trypanosoma spp., mice, treatment with SHAM + glycerol: monomorphic Trypanozoon completely cured; pleomorphic Trypanozoon initially cleared but later recrudesced; Trypanosoma vivax radically cured; T. congolense and T. musculi never cured
- Drugs, Mode of action
Fairlamb AH; Bowman IBR
1980 Molec and Biochem Parasitol 1 (6) Oct 315-333 Wa
Trypanosoma brucei bloodstream forms, uptake of suramin and its effect on respiration and glycolysis and growth in vivo (rats)

- Drugs, Mode of action
Falk E; Akinrimisi EO; Onoagbe I
1980 Internat J Biochem 12 (4) 647-650 Wa
Trypanosoma brucei brucei, malate dehydrogenase, preliminary characterization, differences from mammalian malate dehydrogenase might be made use of in selective attack on parasite enzyme
- Drugs, Mode of action
Fetterer RH; Pax RA; Bennett JL
1980 European J Pharmacol 64 (1) May 30 31-38 Wa
Schistosoma mansoni, analysis of action of praziquantel, potassium, and 2,4-dinitrophenol on musculature
- Drugs, Mode of action
Fetterer RH; Vande Waa JA; Bennett JL
1980 Molec and Biochem Parasitol 1 (4) Aug 209-219 Wa
Schistosoma mansoni, characterization and localization of ouabain receptors, effect of antischistosomal drugs on ouabain binding; some results also with S. japonicum
- Drugs, Mode of action
Friedman PA; Platzer EG
1980 Biochim et Biophys Acta 630 (2) June 19 271-278 Wa
Ascaris suum, interaction of mebendazole and fenbendazole with nematode embryonic tubulin, differential binding affinities between nematode and mammalian tubulin may explain selective action of benzimidazoles
- Drugs, Mode of action
Gero AM et al
1981 Austral J Exper Biol and Med Sc 59 (4) Aug 477-490 Wa
Plasmodium berghei, comparison of dihydroorotate dehydrogenase from parasite vs. from mouse reticulocyte, differences could provide rational basis for development of chemotherapeutic agents active against parasite
- Drugs, Mode of action
Ginsburg H et al
1981 Biochem Parasites (Slutzky) 85-96 Wa
Plasmodium falciparum, inhibition of growth in vitro by specific inhibitors of red blood cell anion transport
- Drugs, Mode of action
Go ML; Ngiam TL; Wan ASC
1981 Southeast Asian J Trop Med and Pub Health 12 (2) June 189-193 Wa
diethylcarbamazine hydrochloride, anti-cholinesterase activity, results suggest that this drug action may cause derangement of muscular mechanisms of filarial parasites
- Drugs, Mode of action
Goebel E; Dennig HK
1981 Berl u Munchen Tierarztl Wchnschr 94 (11-12) June 1 241-246 Wa
Trypanosoma evansi, mice, morphological and behavioral changes in trypanosomes exposed to berenil
- Drugs, Mode of action
Goldman P
1980 Johns Hopkins Med J 147 (1) July 1-9 Wa
metronidazole, brief history of clinical use, benefits and risks, mode of action, dosage recommendations for trichomoniasis therapy
- Drugs, Mode of action
Goncalves AM et al
1980 Molec and Biochem Parasitol 1 (3) June 167-176 Wa
Trypanosoma cruzi bloodstream forms, mechanism of action of 3-allyl- β -lapachone in vitro, might be useful in preventing transmission of Chagas' disease during blood transfusion but is not active against infections in mice
- Drugs, Mode of action
Grenan M; Tsutsui M; Wysor M
1980 Research Commun Chem Path and Pharmacol 30 (2) Nov 317-327 Wm
trypanosomiasis, humans, therapy with natural and synthetic porphyrins, grounds for supposition that the antitrypanosomal activity and phototoxic properties of these porphyrins may be due to similar mechanisms
- Drugs, Mode of action
Grewal RS
1981 Bull World Health Organ 59 (3) 397-406 Wa
Plasmodium spp., human and animal, activity of various 8-aminoquinolines against all stages of parasite, possible modes of action, toxic effects, and possible causal mechanisms, review
- Drugs, Mode of action
Guerrero J
1980 J Am Vet Med Ass 176 (10) May 15 1163-1165 Wa
levamisole, pharmacokinetics, mechanism of anthelmintic activity, immunomodulating activity and its mechanism, relevance for immunosuppression in parasitism
- Drugs, Mode of action
Gugliotta JL et al
1980 Exper Parasitol 49 (2) Apr 216-224 Wa
Trypanosoma cruzi in vitro, inhibition of protein synthesis by SQ 18,506
- Drugs, Mode of action
Gunn A; Probert AJ
1981 Exper Parasitol 51 (3) June 373-381 Wa
Moniezia expansa, acetylcholinesterase, subcellular distribution, kinetic properties, effects of inhibitors and anthelmintics
- Drugs, Mode of action
Hart DT; Vickerman K; Coombs GH
1981 Parasitology 83 (3) Dec 529-541 Wa
Leishmania mexicana mexicana, in vitro transformation of amastigotes to promastigotes, quantitative morphological and biochemical studies, nutritional requirements and effects of metabolic inhibitors and anti-protozoal drugs
- Drugs, Mode of action
Higa AI; Cazzulo JJ
1981 Molec and Biochem Parasitol 3 (6) Oct 357-367 Wa
Crithidia fasciculata, Mg²⁺-activated adenosine triphosphatase, purification, properties, effect of inhibitors including suramin
- Drugs, Mode of action
Hillman GR; Chu SH; Dotson MJ
1980 J Pharm Sc 69 (5) May 516-520 Wa
Schistosoma mansoni, effects of dansylated acetylcholine analogs

- Drugs, Mode of action
Hommel M; McCollm AA; Trigg PI
1979 Ann Microbiol 130 B (3) Oct 287-293 Wa
Plasmodium knowlesi merozoites, inhibited in vitro invasion of erythrocytes pretreated with chloroquine or quinine, mechanisms discussed
- Drugs, Mode of action
James DM; Born GVR
1980 Parasitology 81 (2) Oct 383-393 Wa
Trypanosoma brucei, T. congolense, kinetics and inhibition of uptake of purine bases and nucleosides; dipyrindamole and its analogue (RA-233) inhibited uptake of adenosine by T. brucei but dipyrindamole had no effect on T. brucei infections in mice
- Drugs, Mode of action
James S
1980 Parasitology 80 (2) Apr 313-322 Wa
Eimeria tenella, differences between thiamine uptake by isolated second-generation schizonts and by host intestinal cells, inhibitory effects of amprolium, further differences in drug-resistant parasite line
- Drugs, Mode of action
Jearnpipatkul A et al
1980 Experientia 36 (9) Sept 15 1063-1064 Wa
Plasmodium berghei, chloroquine, quinacrine, and mefloquine bind to hemozoin, heme, protoporphyrin IX, and protease-digested methemoglobin, this binding may be basis for drug accumulation and action in parasite
- Drugs, Mode of action
Kane HJ; Behm CA; Bryant C
1980 Molec and Biochem Parasitol 1 (6) Oct 347-355 Wa
Fasciola hepatica, metabolic disturbances caused by closantel in vitro and in flukes recovered from treated sheep, implications for mode of drug action
- Drugs, Mode of action
Kass IS; et al
1980 Proc National Acad Sc Biol Sc 77 (10) Oct 6211-6215 Wa
ivermectin B_{1a}, effect on interneurons and inhibitory motoneurons in Ascaris suum, lack of effect on metabolism of Dictyocaulus viviparus or Trichostrongylus colubriformis
- Drugs, Mode of action
Katiyar JC et al
1978 Indian J Med Research 68 July 55-60 Wa
Hymenolepis nana, rats, Cent 72-608, anti-adult and anti-cysticercoid activity, possible mechanism of anticysticercoid activity
- Drugs, Mode of action
Kheir HSM
1978 Sudan J Vet Sc and Animal Husb 19 (2) Nov 112-116 Wa
Ascaris suum, in vitro effect of thiophanate on malate dehydrogenase activity, significance of inhibition, possible mode of action
- Drugs, Mode of action
Kidder GW; Nolan LL
1981 Molec and Biochem Parasitol 3 (5) Sept 265-269 Wa
4-amino-5-imidazolecarboxamide inhibits growth of Leishmania spp. promastigotes but not Trypanosoma cruzi epimastigotes and inhibits guanine deaminase from all trypanosomatids tested
- Drugs, Mode of action
Kim RA et al
1981 J Parasitol 67 (1) Feb 20-23 Wa
Schistosoma mansoni, effects of hycanthon and praziquantel on monoamine oxidase and cholinesterases
- Drugs, Mode of action
Knight DJ; Peters W
1980 Ann Trop Med and Parasitol 74 (4) Aug 393-404 Wa
Plasmodium berghei, mice, activity of series of N-benzyloxydihydrotriazines with emphasis on clociguanil; clociguanil mode of action studies with P. berghei and P. knowlesi, potentiation of clociguanil activity against P. berghei by sulphadimethoxine; reasons why clociguanil has not been further developed for clinical use
- Drugs, Mode of action
Koenigk E et al
1981 Tropenmed u Parasitol 32 (2) June 73-76 Wa
Plasmodium chabaudi, membrane-bound enzymes of infected erythrocytes, effects of chloroquine, mefloquine, primaquine, and floxacrine with particular reference to inhibition of ornithine decarboxylase activity
- Drugs, Mode of action
Kohn A et al
1979 Rev Inst Med Trop S Paulo 21 (5) Sept-Oct 217-227 Wm
Schistosoma mansoni, mice, action of oxamni-quine on parasite morphology and biometrics
- Drugs, Mode of action
Krenitsky TA et al
1980 Advances Exper Med and Biol 122B 51-56 Wa
Leishmania donovani, purine salvage enzymes (multiplicity, levels of activity, some basic properties), comparison with corresponding enzymes in man, possible targets for chemotherapeutic exploitation
- Drugs, Mode of action
Kusel JR; Stones L; Tetley L
1980 Parasitology 80 (1) Feb 83-94 Wa
Schistosoma mansoni, damage to surface membrane by pristane and other hydrophobic compounds
- Drugs, Mode of action
Laclette JP et al
1981 Parasitology 83 (3) Dec 513-518 Wa
Cysticercus cellulosae, morphological changes induced by mebendazole in vitro including paracrystalline bundles of large tubules in secretory cells of bladder wall
- Drugs, Mode of action
Langham ME; Kramer TR
1980 Tropenmed u Parasitol 31 (1) Mar 59-66 Wa
Onchocerca volvulus, in vitro effect of diethylcarbamazine on motility and survival of microfilariae; preliminary studies include information on effect of pH on microfilarial survival
- Drugs, Mode of action
Lederer E
1981 Biochem Parasites (Slutzky) 205-222 Wa
natural and synthetic immunostimulants and transmethylese inhibitors as antiparasitic agents in animal models, review

- Drugs, Mode of action
Lukacs J; et al
1980 J Parasitol 66 (3) June 424-427 Wa
Schistosoma mansoni, development of cell-free protein-synthesizing system, comparison of effects of hycanthon and praziquantel on this system, may be valuable asset in testing new anthelmintics
- Drugs, Mode of action
McChesney JD
1981 Bull World Health Organ 59 (3) 459-462 Wa
8-aminoquinolines used as antimalarials, considerations on the structure-activity relationships, findings are still speculative as the mechanism of action has not yet been established
- Drugs, Mode of action
McColm AA; Trigg PI
1980 Ann Trop Med and Parasitol 74 (5) Oct 479-483 Wa
Plasmodium knowlesi, effect of colchicine on development in vitro, possible mechanisms of drug action
- Drugs, Mode of action
McManus EC; Olson G; Pulliam JD
1980 J Parasitol 66 (5) Oct 765-770 Wa
Eimeria tenella, activity of arprinocid against 1st and 2nd asexual stages and sexual stage, unique effect on wall-forming bodies of macrogamete
- Drugs, Mode of action
Mattocchia LP; Lelli A; Cioli D
1981 Molec and Biochem Parasitol 2 (5-6) Apr 295-307 Wa
Schistosoma mansoni, effect of hycanthon and its analog IA-4 on macromolecular synthesis in adult, immature, and hycanthon-resistant schistosomes and in HeLa cells, results suggest inhibition of RNA synthesis as possible mechanism of schistosomicidal action
- Drugs, Mode of action
Melo AL; Pereira LH
1980 J Parasitol 66 (6) Dec 1067-1068 Issued May 6 1981 Wa
Schistosoma mansoni, inhibitory effect of oxamniquine on detachment of cercarial tail
- Drugs, Mode of action
Miller PGG; Klein RA
1980 J Gen Microbiol 116 (2) Feb 391-396 Wa
Trypanosoma brucei, T. evansi, effects of oligomycin on glucose utilization and calcium transport
- Drugs, Mode of action
Nagel RL; et al
1980 J Parasitol 66 (3) June 483-487 Wa
Plasmodium falciparum, effect of sodium cyanate on parasites in vitro
- Drugs, Mode of action
Nechay BR; Hillman GR; Dotson MJ
1980 J Parasitol 66 (4) Aug 596-600 Wa
Schistosoma mansoni, effects of ions and anti-schistosomal drugs on in vitro ATPase activity
- Drugs, Mode of action
Nelson DJ et al
1980 Advances Exper Med and Biol 122B 7-12 Wa
Leishmania spp., growth inhibition in vitro by allopurinol vs. allopurinol riboside, comparative metabolism of allopurinol riboside in parasite vs. in host, findings suggest new chemotherapeutic approach which may be exploited in treatment of leishmaniasis
- Drugs, Mode of action
Nolan LL; Kidder GW
1980 Antimicrob Agents and Chemotherapy 17 (4) Apr 567-571 Wm
trypanosomid flagellates, inhibition of growth and of purine-metabolizing enzymes by N⁶-methyladenine
- Drugs, Mode of action
Nordgren I et al
1980 Am J Trop Med and Hyg 29 (3) May 426-430 Wa
Schistosoma haematobium, human, plasma levels of metrifonate and its rearrangement product dichlorvos during treatment with metrifonate, results related to erythrocyte and plasma cholinesterase determinations, proposed that metrifonate acts as slow release formulation for dichlorvos
- Drugs, Mode of action
Ono T; Nakabayashi T
1978 Biken J 21 (4) Dec 161-172 Wa
Trypanosoma gambiense, T. evansi, mice (ex-per.), effect of neocarzinostatin on nucleus, kinetoplast, and microtubules, light and electron microscopy
- Drugs, Mode of action
Ono T; Nakabayashi T
1980 Biken J 23 (3) Sept 143-155 Wa
Trypanosoma gambiense, bleomycin inhibits nuclear duplication and causes deformation of nucleus without any effect on kinetoplast, inhibits DNA synthesis in nucleus but not in kinetoplast, and induces microtubule abnormalities
- Drugs, Mode of action
Opferdoes FR
1980 Tr Roy Soc Trop Med and Hyg 74 (3) 423-424 Wa
Trypanosoma brucei, miconazole inhibits cyanide-insensitive respiration but is ineffective in vivo (mice) alone or in combination with glycerol, free plasma concentration of the drug sufficient to suppress trypanosome respiration cannot be reached in mice
- Drugs, Mode of action
Orjih AU et al
1981 Science (4521) 214 Nov 6 667-669 Wa
Plasmodium berghei, parasites isolated from mouse erythrocytes are lysed by hemin or by chloroquine-hemin complex, effect of hemin may explain protection against malaria provided by thalassemia and other conditions causing intracellular denaturation of hemoglobin, toxicity of chloroquine-hemin complex may explain selective antimalarial action of chloroquine

Drugs, Mode of action

O'Sullivan WJ; Ketley K
1980 Ann Trop Med and Parasitol 74 (2) Apr 109-114 Wa
Plasmodium berghei, biosynthesis of uridine monophosphate, high activities of orotate phosphoribosyltransferase and orotidylate decarboxylase, inhibition of enzymes by 5-azaorotate, 5-azauracil, and 6-azauracil, 5-azaorotate was most effective and could serve as prototype of potential antimalarial

Drugs, Mode of action

Otubanjo OA
1981 Exper Parasitol 52 (2) Oct 161-170 Wa
Schistosoma mansoni males, astiban-induced damage to tegument and reproductive system

Drugs, Mode of action

Peters W; Ramkaran AE
1980 Ann Trop Med and Parasitol 74 (3) June 275-282 Wa
Plasmodium yoelii, P. berghei, beneficial effect on transmission of p-aminobenzoic acid supplement in diet of Anopheles stephensi or mouse hosts, may be used to increase infection rates and infection densities; sulphadoxine (which blocks PABA uptake) had opposite action

Drugs, Mode of action

Peters W; Trotter ER; Robinson BL
1980 Ann Trop Med and Parasitol 74 (3) June 321-335 Wa
Leishmania major LV39 and L. mexicana amazonensis LV78 in TFW mice, activity of various compounds in these models, comparison with earlier results in tissue culture system and with L. infantum, analysis of mode of action of most active compounds, recommendation that certain compounds should be pursued in clinical trials

Drugs, Mode of action

Pittilo RM et al
1981 Parasitology 83 (2) Oct 285-291 Wa
Eimeria maxima, ultrastructural changes in macrogamete and early oocyst in chicks fed amprolium, dinitolmide, or arprinocid

Drugs, Mode of action

Pong SS; DeHaven R; Wang CC
1981 Biochim et Biophys Acta 646 (1) Aug 6 143-150 Wm
stimulation of benzodiazepine binding to rat brain membranes and solubilized receptor complex by avermectin B_{1a} and gamma-aminobutyric acid

Drugs, Mode of action

Pong SS; Wang CC
1980 Neuropharmacol 19 (3) Mar 311-317 Wm
avermectin B_{1a}, specificity of high affinity binding to mammalian brain, affinities to binding sites correlated well with anthelmintic activities

Drugs, Mode of action

Popiel I; Erasmus DA
1981 Exper Parasitol 52 (1) Aug 35-48 Wa
Schistosoma mansoni, effect of niridazole on ultrastructure and morphogenesis of vitelline gland

Drugs, Mode of action

Popiel I; Erasmus DA
1981 Tr Roy Soc Trop Med and Hyg 75 (2) 287-291 Wa
Schistosoma mansoni, effect of thiosinamine in vivo (mice) and in vitro on egg-shell formation

Drugs, Mode of action

Prichard RK
1978 Epidemiol and Control Gastrointest Parasites Sheep Australia 75-107 Wa
anthelmintics, sheep, efficacy, pharmacokinetics, toxicity, mode of action, host/parasite comparative biochemistry, review: Australia

Drugs, Mode of action

Probert AJ et al
1981 J Helminth 55 (2) June 115-122 Wa
Fasciola gigantica, Fasciolopsis buski, Paramphistomum explanatum, effect of various anthelmintics and inhibitors on malate dehydrogenase activity and mortality

Drugs, Mode of action

Rachkovskaia IV
1979 Veterinariia Moskva (4) Apr 43-44 Wa
Ascaridia galli, chickens, influence of anthelmintics on lipid content of host liver and small intestinal tissue, and of worm tissues

Drugs, Mode of action

Raether W; Fink E
1979 Ann Trop Med and Parasitol 73 (6) Dec 505-526 Wa
Plasmodium spp., drug-sensitive and -resistant lines, floxacrine, blood schizontocidal action, prophylactic action, dose-activity relationships, development of resistance, structural changes of parasites, influence of PABA and folic acid, toxicity, comparison with standard antimalarials; also tested against Eimeria spp., Toxoplasma gondii, Babesia rodhaini, Fasciola hepatica, and Heterakis spumosa

Drugs, Mode of action

Reiner E; Simeon V; Skrinjaric-Spoljar M
1980 Comp Biochem and Physiol 66C (2) 149-152 Wa
hydrolysis of DDVP by esterases in parasitic helminths and in vertebrate plasma and erythrocytes, selectivity of DDVP as anthelmintic does not rest upon qualitative difference in ability of mammals and parasites to detoxify it by hydrolysis

Drugs, Mode of action

Rubin RH; Swartz MN
1980 N England J Med 303 (8) Aug 21 426-432 Wa
trimethoprim-sulfamethoxazole, review including information on use in Pneumocystis carinii pneumonia

Drugs, Mode of action

Scheibel LW; Adler A
1980 Molec Pharm 18 (2) Sept 320-325 Wm
Plasmodium falciparum, antimalarial activity of selected aromatic chelators

Drugs, Mode of action

Schnieden H
1981 Internat J Immunopharmacol 3 (1) 9-13 Wa
levamisole, general pharmacological perspective

Drugs, Mode of action

Schulman MD; Valentino D
1980 Exper Parasitol 49 (2) Apr 206-215 Wa
Fasciola hepatica in vitro, 4-amino-6-trichloroethenyl-1,3-benzenedisulfonamide blocks glycolysis by inhibiting 3-phosphoglycerate kinase and phosphoglycerate mutase

- Drugs, Mode of action
Shaddock JA
1980 J Protozool 27 (2) May 202-208 Issued July 17 Wa
Encephalitozoon cuniculi, effect of fumagillin on in vitro multiplication
- Drugs, Mode of action
Shapiro A et al
1980 Trop Dis Research Ser (3) 401-415 Wm
Crithidia fasciculata culture media as guide to antitrypanosomatid chemotherapy aimed at porphyrin and transitional-metal metabolism, workshop presentation
- Drugs, Mode of action
Shapiro A et al
1981 J Protozool 28 (3) Aug 370-377 Wa
Crithidia fasciculata used in rapid in vitro prescreen for chelators as potential trypanocides
- Drugs, Mode of action
Sharpe MJ
1980 Parasitology 81 (3) Dec 593-601 Wa
Nematospiroides dubius and Trichostrongylus colubriformis paralysed by levamisole in vivo, changes in adenylate energy charge, concluded that maintenance of levamisole-induced paralysis does not rely on inhibition of fumarate reductase
- Drugs, Mode of action
Sharpe MJ; Atkinson HJ
1980 J Zool London 190 (2) Feb 273-284 Wa
Trichostrongylus colubriformis, Nematospiroides dubius, improved visualization of dopaminergic neurons in nematodes using glyoxylic acid fluorescence method and microscope equipped with epi-illumination, no difference in fluorescence picture after in vitro paralysis by levamisole
- Drugs, Mode of action
Sharpe MJ; Lee DL
1981 Molec and Biochem Parasitol 3 (1) May 57-60 Wa
Nematospiroides dubius, Trichostrongylus colubriformis, changes in level of acetylcholinesterase following paralysis by levamisole in vivo, differences explained in terms of differing roles of enzyme in these two species
- Drugs, Mode of action
Simpson CF; Neal FC
1980 Am J Vet Research 41 (2) Feb 267-271 Wa
Babesia equi, ultrastructural alterations caused by imidocarb dipropionate, ponies
- Drugs, Mode of action
Smith CK II; Galloway RB; White SL
1981 J Parasitol 67 (4) Aug 511-516 Wa
Eimeria tenella, exposure of extracellular sporozoites to monensin, lasalocid, narasin, or salinomycin, effect on subsequent invasion and development in vitro, influence on survival of free sporozoites
- Drugs, Mode of action
Smith CK II; Strout RG
1980 Exper Parasitol 50 (3) Dec 426-436 Wa
Eimeria tenella, effect of narasin on ultrastructure of intracellular sporozoites and on host cell ultrastructure, influence of temperature on this effect; monensin had similar effect on intracellular parasite
- Drugs, Mode of action
Soh CT; Min DY
1977 Yonsei Rep Trop Med 8 (1) Nov 1-8 Wm
Clonorchis sinensis, rabbits treated with flubendazole, ultrastructural study of changes in parasite body wall
- Drugs, Mode of action
Spithill TW; Shimer SP; Hill GC
1981 Molec and Biochem Parasitol 2 (3-4) Feb 235-255 Wa
Trypanosoma brucei brucei, inhibitory effects of various antibiotics on protein synthesis and respiration in procyclic trypomastigotes
- Drugs, Mode of action
Sukhareva-Nemakova NN et al
1979 Biol Nauki Min Vyssh i Sredn Spetsial Obrazovan SSSR (185) (5) 29-38 Wa
Crithidia oncopelti in vitro, change of sensitivity to olivomycin and of composition of lipids at induction of peroxidal oxidation
- Drugs, Mode of action
Sukhareva NN et al
1981 Biol Nauki Min Vyssh i Sredn Spetsial Obrazovan SSSR (205) (1) 25-29 Wa
Crithidia oncopelti in vitro, effect of 3,4-benz(a)pyrene on lipid composition
- Drugs, Mode of action
Tometsko AM et al
1980 Ann N York Acad Sc 346 419-433 Wa
Plasmodium berghei, P. vinckei, approach to identification of potential targets for chemotherapeutic attack through use of photosensitive probes in in vivo and in vitro assay systems
- Drugs, Mode of action
Trager W et al
1980 Exper Parasitol 50 (1) Aug 83-89 Wa
Plasmodium falciparum, antimalarial activity in culture of 3-deazaadenosine, 5'-deoxy-5'-(isobutylthio)-3-deazaadenosine, and sinefungin, synergism of first 2 with homocysteine-thiolactone suggests they were inhibiting methylation reaction(s) indirectly via adenosylhomocysteine hydrolase
- Drugs, Mode of action
Turnbull IF; Howells AJ
1980 Austral J Biol Sc 33 (2) May 169-181 Wa
Lucilia cuprina, larvicidal activity of inhibitors of DOPA decarboxylase, comparison with diflubenzuron
- Drugs, Mode of action
Turnbull IF; Pylotis NA; Howells AJ
1980 J Insect Physiol 26 (8) 525-532 Wa
Lucilia cuprina, effects of DOPA decarboxylase inhibitors on permeability and ultrastructure of larval cuticle, comparison with effects of diflubenzuron
- Drugs, Mode of action
Turrens JF et al
1980 Medicina Buenos Aires 40 Suppl (1) 137-144 Wm
Trypanosoma cruzi, subcellular distribution of ergosterol and 5,7-diene sterols studied, data indicate that synthesis of 5,7-dien sterols is necessary for parasite growth, provides target for possible chemotherapeutic agents

- Drugs, Mode of action
Udeinya IJ; Van Dyke K
1981 Pharmacology 23 (3) 165-170 Wa
Plasmodium falciparum cultured in human erythrocytes, concurrent inhibition by tunicamycin of glycosylation and parasitemia
- Drugs, Mode of action
Udeinya IJ; Van Dyke K
1981 Pharmacology 23 (3) 171-175 Wa
Plasmodium falciparum, cultured parasites, inhibition by 2-deoxyglucose of parasitemia and of glucosamine incorporation into glycosylated macromolecules
- Drugs, Mode of action
Van den Bossche H
1980 Biochem Pharmacol 29 (14) July 15
1981-1990 Wm
anthelmintics, mechanisms of action, review
- Drugs, Mode of action
Voge M; Bueding E
1980 Exper Parasitol 50 (2) Oct 251-259 Wa
Schistosoma mansoni, tegumental surface alterations induced by subcurative doses of amoscantate
- Drugs, Mode of action
Walker E; Chappell LH
1980 Comp Biochem and Physiol 67C (2) 129-134 Wm
Schistosoma mansoni male vs. female adult worms, protein synthesis, effects of cycloheximide and emetine
- Drugs, Mode of action
Walter RD
1979 Tropenmed u Parasitol 30 (4) Dec 463-465 Wa
Dirofilaria immitis, lactate dehydrogenase, partial purification and characterization, inhibition by suramin; suramin may have similar action against Onchocerca volvulus lactate dehydrogenase
- Drugs, Mode of action
Walter RD
1980 Molec and Biochem Parasitol 1 (3) June 139-142 Wa
Trypanosoma gambiense, inhibition of protein-kinase I by suramin
- Drugs, Mode of action
Walter RD; Schulz-Key H
1980 Tropenmed u Parasitol 31 (1) Mar 55-58 Wa
Onchocerca volvulus, lactate dehydrogenase and malate dehydrogenases, partial purification and characterization, inhibition by suramin
- Drugs, Mode of action
Wang CC; Simashkevich PM
1980 Molec and Biochem Parasitol 1 (6) Oct 335-345 Wa
arprinocid vs. arprinocid-1-N-oxide, drug binding and inhibition of hypoxanthine transport in HeLa cells, in vitro anticoccidial activity against Eimeria tenella, tissue residue levels (of both) in arprinocid-medicated chickens
- Drugs, Mode of action
Wang CC; Simashkevich PM; Fan SS
1981 J Parasitol 67 (2) Apr 137-149 Wa
Eimeria tenella, arprinocid-1-N-oxide, mechanism of anticoccidial action
- Drugs, Mode of action
Watts SDM
1981 Biochim et Biophys Acta 667 (1) Jan 30 59-69 Wa
Hymenolepis diminuta, biochemical and pharmacological evidence that colchicine receptor in supernatant fraction of worm homogenate was almost certainly tubulin, refinement of preparation should facilitate further studies on mode of action of certain types of anthelmintics
- Drugs, Mode of action
Wegerhof PH et al
1979 Tropenmed u Parasitol 30 (3) Sept 376-382 Wa
Litomosoides carinii in Mastomys natalensis, furazolidone shows high macrofilaricidal activity together with considerable adverse effect on embryogenesis and some delayed effect on microfilaraemia
- Drugs, Mode of action
Weinstock JV et al
1981 J Clin Invest 67 (4) Apr 931-936 Wa
Schistosoma mansoni-infected mice, SQ 14225 (inhibitor of angiotensin I-converting enzyme (AEC)) can partially inhibit granulomatous response to schistosome eggs and pathological manifestations of schistosomiasis, possibility that ACE has inflammatory role in granulomatous inflammation
- Drugs, Mode of action
Werner H; Matuschka FR; Brandenburg I
1979 Zentralbl Bakteriol 1 Abt Orig Reihe A 245 (1-2) Oct 240-253 Wa
Toxoplasma gondii, bradyzoites and cysts, ultrastructural changes following sulfamethoxy-pyrazine-pyrimethamine therapy in infected Mastomys natalensis, light and electron microscopy
- Drugs, Mode of action
Wunderlich F; Stuebig H; Koenigk E
1981 Tropenmed u Parasitol 32 (2) June 77-81 Wa
Plasmodium chabaudi, effects of chloroquine on parasite membranes and host erythrocyte membranes
- Drying See Desiccation
- Duodenum See Intestine
- Dysentery
Johnston JH; Stewart JB; Roberts DM
1980 Postgrad Med J London (661) 56 Nov 802-803 Wa
Entamoeba histolytica, amoebic dysentery in former soldier who had symptoms of infection for 36 years, acquired infection while serving in India, later illness not recognized as amoebiasis, importance of diagnostic awareness of this condition after any travel to tropics: England

Easter Island

- Abeliuk O et al
1975 Rev Med Chile 103 (3) Mar 178-179 Wm
fecal and serological survey for evidence of
intestinal parasites or toxoplasmosis, inhabi-
tants of Easter Island (Isla de Pascua)

Ecdysis

- Andrieux N; Herberts C; De Frescheville J
1981 Ann Parasitol 56 (4) 441-448 Wa
Sacculina carcini, effect of parasite extracts
and of hemolymph of infected Carcinus on pro-
teinogram and molting of uninfected Carcinus.
changes similar to those found in infected
Carcinus

Ecdysis

- Chmela J
1969 Folia Parasitol 16 (4) 313-319 Wa
Ixodes ricinus, time intervals between hatch-
ing, metamorphosis, and diapause of different
stages over 3-year period, seasonal occur-
rence: Olomouc region, Moravia

Ecdysis

- Cliff GM; Anderson RC
1980 J Helminth 54 (2) June 135-146 Wa
Pelodera strongyloides, development in culture,
description of adults and developmental stages,
effect of temperature on development, longevity
of adults, exsheathment and development of
dauerlarvae, storage of dauerlarvae, effect of
freezing and desiccation on survival of dauer-
larvae

Ecdysis

- Cook IM; Spain AV
1981 Austral J Zool 29 (1) 7-14 Wa
Haematobia irritans exigua, immature stages,
rates of development in relation to temperature
and dung moisture levels, female pupae develop-
ed more rapidly than male pupae at all tempera-
tures

Ecdysis

- Douvres FW; Thompson MJ; Robbins WE
1980 Vet Parasitol 7 (3) Nov 195-205 Wa
Ostertagia ostertagi in vitro, effect of in-
sect-growth-disrupting amines and amides on
development, highly nematocidal, exert lethal
effects at time of molt

Ecdysis

- Heath ACG
1981 Internat J Parasitol 11 (2) Apr 169-175 Wa
Haemaphysalis longicornis, Ixodes holocyclus,
Rhipicephalus sanguineus, engorged larvae,
effect of temperature and humidity on survival,
molting, and rate of development, temperature
and humidity preferences reflected climate
within geographic ranges of tick species

Ecdysis

- Kitron UD
1980 Parasitology 81 (2) Oct 235-249 Wa
Gammaridacarus orchesoideae on Orchesoidea
corniculata, prevalence and intensity, seasonal
variation, host sex, host size (age), host
molt stage, reproductive condition of female
hosts, frequency distribution of number of
parasites per host, mean crowding index, patch-
iness, index of host mortality, field and labo-
ratory observations: California

Ecdysis

- Leahy MG; Booth KS
1980 J Med Entom 17 (1) Jan 31 18-21 Wa
Argas persicus, Ornithodoros coriaceus, and
Rhipicephalus sanguineus, induction of sterili-
ty and ecdysis failure by precocene 2 (syn-
thetic anti-juvenile hormone), application of
juvenile hormone did not reverse effects, ef-
fective doses of precocene 2 are too high for
consideration as control agent

Ecdysis

- McClelland G
1980 Exper Parasitol 49 (1) Feb 128-136 Wa
Phocanema decipiens, maturation and molting in
experimentally infected seals

Ecdysis

- Osburn RL
1981 Ann Entom Soc Am 74 (2) Mar 177-179 Wa
Dermacentor albipictus, timing of ecdysis and
spermatogenesis, % of males and females ecdys-
ing from ticks collected as engorged nymphs

Ecdysis

- Reaka ML
1978 Veliger 21 (2) Oct 1 251-254 Wm
Caledoniella montrouzieri on Gonodactylus vir-
idis, parasitism increased molting intervals
and lowered molting rate but had no effect on
host growth per molt, oviposition was com-
pletely inhibited: Phuket, Thailand

Ecdysis

- Vasil'eva IS; Ershova AS
1980 Med Parazit i Parazitar Bolezni 49 (4)
July-Aug 42-48 Wa
Ornithodoros spp. nymphs, duration of molting
under experimental conditions, effect of
population size and density

Ecdysis

- Young AS; Leitch BL
1980 J Parasitol 66 (2) Apr 356-359 Wa
Theileria spp., probable relationship between
parasite development (transformation of zygotes
into kinetes) and ecdysis of their tick hosts,
could be controlled directly by temperature or
by ecdysis process which is itself controlled
by temperature

Ecdysis

- Young AS; Leitch BL
1981 Parasitology 83 (1) Aug 199-211 Wa
Rhipicephalus appendiculatus (4 strains), ef-
fect of range of constant temperatures during
pre-moult and post-moult period of engorged
nymphs on their moulting, on development of
several stocks of Theileria parva within the
ticks, and on resultant infection levels of
T. parva in salivary glands of the adult ticks

Ecology [See also Adaptation; Crowding]

Ecology

- Ashford RW; Hall AJ; Babona D
1981 Ann Trop Med and Parasitol 75 (3) June 269-
279 Wa
intestinal nematodes of man, distribution,
prevalence and intensity by host age, effect of
environmental influences, special reference to
Strongyloides cf. fuelleborni: Papua New
Guinea

Ecology

- Bamforth SS
1981 J Protozool 28 (1) Feb 2-9 Issued June 18
Wa
protist biogeography, ecological and historical aspects, past-president's address, 33.
Ann. Meet. Soc. Protozool.

Ecology

- Bartoli P
1981 Ann Parasitol 56 (3) 261-270 Wa
Gymnophallus nereicola, biological and ecological factors favoring parasite recruitment by Nereis diversicolor (parasite endemiteope, cercarial emergence, cercarial behavior (swimming, phototropism, rheotropism), cercarial access to and penetration of host, localization of metacercariae in host)

Ecology

- Bauer CA; Whitaker JO jr
1981 Am Midland Naturalist 105 (1) Jan 112-123
Wa
ectoparasites of Ondatra zibethicus, presence and relative abundance, with special emphasis on body localization of coexisting species of Listrophorus: Indiana

Ecology

- Beliaeva NS
1975 Parazitologiya Leningrad 9 (4) July-Aug
352-353 Wa
Dermacentor silvarum, duration of development of different life cycle stages at various temperatures, implications for distribution in nature

Ecology

- Burn PR
1980 J Parasitol 66 (3) June 532-541 Wa
parasites of Liopsetta putnami, prevalence and intensity, seasonal variations, host age, frequency distributions, pathogenicity (only noted for Glugea stephani), intra-estuarine variation in parasite occurrence and abundance as possible indicator of host movement and in relation to diversity of free-living community: Great Bay Estuary, New Hampshire

Ecology

- Cantrell MA
1981 Oikos 36 (2) Mar 226-232 Wa
Bulinus globosus (intermediate host of Schistosoma haematobium) in a tropical swamp, seasonal changes in distribution and abundance of populations in relation to lake level fluctuations and other changes in physico-chemical environment, field data; effect of different levels of dissolved oxygen on snail distribution and rate of movement, laboratory experiments: Malawi

Ecology

- Carey AB; McLean RG; Maupin GO
1980 Ecol Monogr 50 (2) June 131-151 Wa
structure of Colorado tick fever ecosystem, includes information on hosts of, virus isolations from, and habitat hyperspace variables for Dermacentor andersoni: Rocky Mountain National Park, Colorado. USA

Ecology

- Chapin G; Wasserstrom R
1981 Nature London (5829) 293 Sept 17-23 181-185 Wa
malaria resurgence in Central America and India, relationship to intensified agricultural production and associated increased use of pesticides which has led to pesticide resistance in many vectors

Ecology

- Christensen NØ
1980 Acta Trop 37 (4) Dec 303-318 Wa
host-finding capacity of trematode miracidium, influence of host- and parasite-related factors and environmental conditions, review with special reference to Fasciola and Schistosoma

Ecology

- De Jonckheere JF
1981 J Protozool 28 (1) Feb 56-59 Issued June 18
Wa
Acanthamoeba, pathogenic and nonpathogenic species in thermally polluted discharges and surface waters in spring and autumn; superiority of plaque method over filtration technique for isolation: Belgium

Ecology

- Doszhanov TN
1975 Parazitologiya Leningrad 9 (4) July-Aug
359-365 Wa
Hippoboscidae from migratory birds, ecological analysis of distribution during hosts' spring and autumn flights: southern Kazakhstan

Ecology

- Doube BM
1979 Austral J Ecol 4 (4) Dec 345-360 Wa
Ixodes holocyclus on small mammals and birds, seasonal abundance and host relationships in different habitats, detachment behavior and survival of engorged ticks, host resistance: southeastern Queensland

Ecology

- Fedorko A
1979 Bull Acad Polon Sc Cl II s Sc Biol 27 (11)
959-961 Wa
Pristionchus uniformis (parasite of Colorado beetle), 2 herbicides did not cause death of nematode but did have some effect on development

Ecology

- Frenkel JK; Ruiz A
1981 Am J Epidemiol 113 (3) Mar 254-269 Wa
Toxoplasma antibody prevalence in humans, cats, and intermediate hosts, chain of transmission (environmental factors, rural and urban living, soil contact, human association with cats, cat density, and host age): Costa Rica

Ecology

- Gaevskaia AV; Nigmatullin ChM
1981 Biol Nauki Min Vyssh i Sredn Spetsial Obrazovan SSSR (205) (1) 52-57 Wa
helminths of Sthenoteuthis pteropus, intensity and extensiveness of infection, synchronization of trophic and parasitological relationships of host, role of host in helminth developmental cycles: tropical Atlantic

Ecology

- Graf JF; Mermod C; Aeschlimann A
1979 Bull Soc Neuchatel Sc Nat 3 s 102 55-68 Wa
Ixodes trianguliceps, geographic distribution, ecology (seasonal fluctuation, altitude and biotope comparisons, mixed infestations), life cycle: Suisse

Ecology

Gruvel J

1980 Insect Sc and Its Applic 1 (1) 113-115 Wa
problems posed by tsetse control (toxic effects of insecticides on non-target organisms; necessity of protecting fauna in reclaimed territories after elimination of tsetse); possibility of rational exploitation of natural fauna as source of meat for human consumption

Ecology

Gugushvili GK

1980 Soobshch Akad Nauk Gruzinsk SSR 98 (2) May 453-456 Issued May 26 Wa
Ornithodoros verrucosus and O. alactagalis feeding on various amphibians and reptiles in different types of biotopes and landscape areas: Georgian SSR

Ecology

Heath ACG

1981 Internat J Parasitol 11 (2) Apr 169-175 Wa
Haemaphysalis longicornis, Ixodes holocyclus, Rhipicephalus sanguineus, engorged larvae, effect of temperature and humidity on survival, molting, and rate of development, temperature and humidity preferences reflected climate within geographic ranges of tick species

Ecology

Hoedjo et al

1980 Southeast Asian J Trop Med and Pub Health 11 (3) Sept 399-404 Wa
Wuchereria bancrofti, identification of Anopheles subpictus as potential vector, updated information on vector bionomics: West Flores, Indonesia

Ecology

Humphery-Smith I; Moorhouse DE

1981 Ann Parasitol 56 (3) 353-357 Wa
Ornithodoros capensis, survival in abandoned nests of Anous minutus during non-nesting season as mechanism of host acquisition when birds re-use nests: Heron Island, Capricorn Group, Great Barrier Reef

Ecology

Jacobson HA; Hetrick MS; Guynn DC

1981 J Wildlife Dis 17 (1) Jan 79-87 Wa
Cuterebra emasculator myiasis in Sciurus spp., seasonal prevalence, sex and age of host, larval development sites, host habitats, parasite fecundity under laboratory conditions: Mississippi

Ecology

Jacobson HA; Hurst GA

1979 J Wildlife Dis 15 (1) Jan 43-47 Wa
Amblyomma americanum, Menacanthus stramineus, prevalence on Meleagris gallopavo silvestris allowed to forage on recently burned vs. unburned plots: Noxubee National Wildlife Refuge, Noxubee County, Mississippi

Ecology

Killick-Kendrick R; Ward RD

1981 Parasitology 82 (4) July 143-152 Wa
ecology of Leishmania, Workshop Proceedings, 3. European Multicolloquium of Parasitology

Ecology

Kotrly B; Kotrly A

1980 Ang Parasitol 21 (2) May 79-82 Wa
helminths, transmission among native and imported game animals, influence of external environmental conditions (changes in intermediate and definitive hosts, climate, etc.) on various morphological and metrical changes of parasite, possible taxonomic problems, review: Bohemia and Moravia, Czechoslovakia

Ecology

Kotrly A; Kotrly B

1980 Ang Parasitol 21 (2) May 70-78 Wa
helminths, game animals, incidence related to external environmental conditions (number of specimens, extent of biotope, contact with other animal species, incidence of intermediate host, climatic and hydrological conditions): open field and game reserves, CSSR

Ecology

Kovalevskii IuV; Kuksgauzen NA; Zhmaeva ZM

1975 Parazitologiya Leningrad 9 (6) Nov-Dec 518-521 Wa
Ixodes pavlovskiyi, analysis of distribution in various types of landscapes: Gorno-Altai autonomous oblast

Ecology

Kurashvili BE

1980 Soobshch Akad Nauk Gruzinsk SSR 99 (2) Aug 473-476 Wa
Hymenolepididae of birds, mammals, and humans, faunistic and ecological aspects: Georgian SSR

Ecology

Kuris AM; Blaustein AR; Alio JJ

1980 Am Naturalist 116 (4) Oct 570-586 Wa
criticisms of application of island biogeography theory to situation involving animal hosts as islands for parasites

Ecology

Lee RLG

1981 J Helminth 55 (2) June 149-154 Wa
Acanthocephalus lucii, ecology in Perca fluviatilis: incidence, intensity, host age, overdispersion within host population, body localization, evidence of mutual exclusion between A. lucii and Proteocephalus percae and Camallanus lacustris: Serpentine, London, U.K.

Ecology

Leong TS; Holmes JC

1981 J Fish Biol 18 (6) June 693-713 Wa
metazoan parasites of open water fishes, prevalence and intensity, relative abundance of parasites and hosts, parasite assemblages (communities), diversity, dominance patterns, exchange of parasites between hosts, proportion of larval parasites, comparison with other lakes: Cold Lake, Alberta, Canada

Ecology

Levine ND

1980 Internat J Biometeorol 24 (4) Dec 341-346 Wa
weather and the ecology of bursate nematodes, review

Ecology

Lim BL et al

1980 Southeast Asian J Trop Med and Pub Health 11 (1) Mar 71-80 Wa
small mammal survey, ectoparasites with special reference to vectors of plague and scrub typhus, 3 different habitats compared: Ciloto field station area, West Java, Indonesia

Ecology

Lykov VA
1975 Parazitologiya Leningrad 9 (4) July-Aug
348-351 Wa
Ixodes trianguliceps, distribution and ecology
in South Urals

Ecology

Martin JL; Huffman DG
1980 Proc Helminth Soc Washington 47 (2) July
247-255 Issued Aug 25 Wa
helminths of Sigmodon hispidus from 3 vegeta-
tional regions, density, incidence, variation
due to season, and host habitat, size (age),
and sex: near San Marcos, Texas

Ecology

Mendez E
1977 Quaest Entom 13 (2) Apr 91-182 Wa
mammalian fleas, key, host specificity, eco-
logical and evolutionary factors in flea dis-
tribution: southwestern Colombia

Ecology

Mereminskii AI; Gluzman I Ia
1979 Veterinariia Moskva (7) July 43-45 Wa
fascioliasis, sheep, paramphistomiasis, cat-
tle, hydrothermic and biotic factors as basis
for forecasting and control of diseases:
Rovenskiy oblast

Ecology

Merkusheva IV; Bychkova EI
1979 Vestsi Akad Navuk BSSR s. Biial Navuk (3)
120-121 Wa
helminths of mouse-like rodents, degree of in-
festation determined for 17 biotopes: Belo-
russia

Ecology

Mettrick DF
1980 Biol Tapeworm Hymenolepis diminuta 281-356
Wa
Hymenolepis diminuta, intestine as an
environment, review

Ecology

Morel PC
1979 Bull Acad Vet France 132 n s 52 (4) Nov-Dec
583-589 Wa
Ixodoidea, joint evolution with their mammal
hosts under varying ecological conditions; life
cycle types, review

Ecology

Nickel S; Gottwald A
1979 Ang Parasitol 20 (2) June 57-62 Wa
endoparasites, Lepus europaeus, intensity and
extensity of infection dependent upon density
of hare population and on ecological conditions
of hunting-grounds: Osten des Bezirkes Dres-
den, DDR

Ecology

Nosek J et al
1980 Ztschr Parasitenk 63 (3) 209-212 Wa
Argas persicus, bionomics, developmental
cycle and influence of environmental tempera-
ture, seasonal distribution, localization on
chickens, tick paralysis, geographic distri-
bution: Slovakia

Ecology

Osmanov SO
1975 Parazitologiya Leningrad 9 (6) Nov-Dec
476-484 Wa
changes in parasite fauna of fishes during
period 1967-1971 due to introduction of non-
indigenous fish and increasing salinity of
water: Aral Sea

Ecology

Oshmarin PG
1975 Parazitologiya Leningrad 9 (5) Sept-Oct
434-438 Wa
trematodes parasitic in oral cavity, pharynx,
or esophagus of birds and snakes or in cloaca
of birds, ecological role of dilation of dis-
tal portion of uterus or a sac-shaped uterus,
time of egg laying depends on frequency of
some functions (food capture, swallowing,
defecation) of host organs inhabited by these
trematodes

Ecology

Paperna I
1980 Ann Parasitol 55 (6) Nov-Dec 687-706 Wa
Caligus minimus, adults and larvae on Dicen-
trarchus labrax, site of attachment on host,
incidence, intensity, and dispersal of in-
fections, host size, parasite sex ratio, sea-
sonal and/or annual fluctuations, temperature
and salinity conditions: Bardawil Lagoon

Ecology

Pomales AD; Williams EH jr
1980 J Parasitol 66 (1) Feb 81 Wa
Monogenea of temperate zone host (Micropterus
salmoides) 28 years after introduction into
tropical environment, abundance seems to be
limited by water temperatures: Puerto Rico

Ecology

Rivosecchi L et al
1978 Parassitologia 20 (1-3) Dec 143-152 Wa
Cephenemyia stimulator in Capreolus capreolus
(faringe, cavita nasali, laringe, trachea,
grossi bronchi), localization in host, ecology,
symptoms: provincia di Trento, Italia

Ecology

Rohde K
1980 Experientia 36 (12) Dec 15 1368-1369 Wa
Monogenea, number of species per marine fish
species increases from high to low latitudes
and is much greater in Pacific vs. Atlantic
Ocean, suggested that differences are due to
more advanced evolution at low latitudes and
in Pacific Ocean

Ecology

Sapaev EA
1975 Parazitologiya Leningrad 9 (6) Nov-Dec
494-500 Wa
Chaetogaster lymnaei, morphology, ecology, and
life cycles of 2 races (form A, commensal of
pulmonate molluscs; form B, endoparasite of
Radix ovata), represent 2 diverging sympatric
ecotypes rather than biological species

Ecology

Scorza JV
1980 Bol Soc Venezolana Cien Nat Caracas
(137) 35 Mar 209-266 Wa
ecology of 4 neotropical human parasitoses
(tegumentar leishmaniasis, American trypano-
somiasis, bilharziasis, malaria)

- Ecology
Sharma MC; Pachauri SP
1979 Indian J Microbiol 19 (3) July-Sept
114-117 Wa
canine dirofilariasis, prevalence with
reference to environment, length of hair, and
host sex: India
- Ecology
Shtein GA
1979 Zool Zhurnal 58 (4) Apr 483-490 Wa
parasitic ciliates of fishes, ecology and geo-
graphic distribution: Far-Eastern seas of
USSR
- Ecology
Sonobe R
1979 Kontyu 47 (4) Dec 25 593-598 Wa
Lipoptena sikae, L. fortisetosa, ecology, sea-
sonal distribution of alate forms, emergence
time of adults from puparia collected in
spring: Kinkasan Island, Miyagi Prefecture,
Japan
- Ecology
Swennen C; Heessen HJL; Hoecker AWM
1979 Netherlands J Sea Research 13 (2) Nov
161-191 Wa
Cotylurus erraticus, C. variegatus, C. platy-
cephalus, description, distribution, life
cycle, ecology: Netherlands
- Ecology
Thurston DR; Strout RG
1978 J Wildlife Dis 14 (1) Jan 89-96 Wa
Parelaphostrongylus tenuis in Odocoileus vir-
ginianus (cranial cavity), prevalence and in-
tensity of infection by host age, sex, and hab-
itat, localization: New Hampshire
- Ecology
Vivares CP; Cuq JL
1981 J Invert Path 37 (1) Jan 38-46 Wa
Thelohania maenadis in Carcinus mediterraneus,
effect of infection on certain biochemical com-
ponents of hemolymph and tissues of host, ex-
perimental ecophysiological study ana-
lyzing effect of variations in environmental
water temperature and salinity on proteinemia
and glucidic metabolism in healthy vs. parasit-
ized crabs: Vic Lagoon, near Montpellier,
France
- Ecology
Vogt WG; Woodburn TL
1980 Bull Entom Research 70 (4) Dec 665-671 Wa
Lucilia cuprina, effects of temperature and
desiccation on survival and development of egg
stage, ecological implications
- Ecology
Young RR; Anderson N
1981 Austral J Agric Research 32 (2) 371-388
Wa
Ostertagia ostertagi, eggs and larvae, develop-
ment and survival in cattle dung pats and on
surrounding herbage and soil over period of 12
months, weather and other conditions in plot
environment, effects of irrigation, implica-
tions of results for control: Victoria,
Australia
- Ecology
Zeledon R; Rabinovich JE
1981 Ann Rev Entom 26 101-133 Wa
Trypanosoma cruzi, ecological appraisal (list
of known vectors, vector behavior, habitat,
life cycles, population dynamics, and infection
rates, factors related to human host), exten-
sive review
- Ecology, Populations
Amin OM
1981 J Fish Biol 19 (4) Oct 467-474 Wa
Echinorhynchus salmonis in Osmerus mordax, no
pronounced seasonal periodicity in infection
prevalence and intensity or development and
maturation, worms were predominantly overdis-
persed with negative binomial distribution
being best descriptive model: Lake Michigan
- Ecology, Populations
Amin OM; Burns LA; Redlin MJ
1980 Proc Helminth Soc Washington 47 (1) Jan
37-46 Issued Feb 15 Wa
Acanthocephalus parksideri in Caecidotaea mili-
taris, prevalence, intensity, developmental
cycle, sex of parasite, age and sex of host,
seasonal variations, analyses of parasite
population distribution: Pike River, south-
eastern Wisconsin
- Ecology, Populations
Anderson RM
1979 20 Symposium Brit Ecol Soc 245-281 Wa
parasites, influence on host survival and
reproduction (direct effects, increased sus-
ceptibility to predation, reduced competitive
fitness), dynamical properties of persistent
and transient infection within separate popu-
lation models, host nutritional status and
impact of infection
- Ecology, Populations
Anderson RM
1980 Lecture Notes Biomath 39 278-322 Wa
mathematical framework to describe dynamics of
direct life cycle helminth parasites, general
properties of model with attention focused on
transmission threshold and unstable break-
points, methods of predicting trends in pre-
valence and intensity of infection within age-
structured populations, dynamics of Necator
americanus infections (model predictions com-
pared with data from India and Taiwan), signi-
ficance of seasonal climatic change and
spatial heterogeneity, analysis of effective-
ness of various control methods, future
research needs, symposium presentation
- Ecology, Populations
Anderson RM; May RM
1980 Science (4470) 210 Nov 7 658-661 Wa
infectious diseases (including protozoa) and
population cycles of forest insects, models
combining elements of conventional epidemiology
with dynamic elements drawn from predator-prey
studies
- Ecology, Populations
Appleton CC; Bruton MN
1979 Ann Trop Med and Parasitol 73 (6) Dec 547-
561 Wa
schistosomiasis, epidemiology in vicinity of
Lake Sibaya and in other areas of Tongaland,
distribution, prevalence, snail host ecology,
human and stock contact with different types
of waterbodies: Natal, South Africa
- Ecology, Populations
Bafundo KW; Wilhelm WE; Kennedy ML
1980 J Parasitol 66 (1) Feb 134-139 Wa
helminth parasites of Procyon lotor (digestive
tract), statistical analysis of geographic
variation: Tennessee

Ecology, Populations

Barnard DR
1981 Ann Entom Soc Am 74 (5) Sept 507-511 Wa
Amblyomma americanum, classification into 3 growth classes of female ticks feeding on bovines; density of nymphs, larvae, and adult male and female ticks parasitic on bovines vs. free-living on pasture in different months, concluded that CO₂ and drag samples of non-parasitic ticks did not accurately reflect levels of tick infestation on bovines: Oklahoma

Ecology, Populations

Bartoli P
1981 Ann Parasitol 56 (1) 33-44 Wa
Gymnophallidae, demography, two different modalities of recruitment of larvae by second intermediate hosts, intraspecific competition for optimal microhabitat in second intermediate hosts

Ecology, Populations

Bartoli P
1981 Ztschr Parasitenk 65 (2) 167-180 Wa
Gymnophallus fossarum, *G. nereicola*, segregation between the 2 sympatric sibling species by life cycle, host specificity, and endemiotope

Ecology, Populations

Beck JT
1980 Am Midland Naturalist 104 (1) July 135-154 Wa
Probopyrus pandalicola on *Palaemonetes paludosus*, breeding season, brood size (annual and seasonal variation, relationship to host length, independent of host sex), attachment and size development of male and female parasites, host and parasite population structure and longevity: Wakulla Co., Florida

Ecology, Populations

Beckett R; Pike AW
1980 J Helminth 54 (2) June 87-91 Wa
Nematospiroides dubius mating activity and sex ratio in infections of laboratory mice in relation to time post-infection, population size, and ontogenetic migration

Ecology, Populations

Brooks DR
1980 System Zool 29 (2) June 192-203 Wa
allopatric speciation and non-interactive parasite community structure (where site specificity is independent of presence or absence of other parasites)

Ecology, Populations

Brooks DR
1980 System Zool 29 (2) June 214-215 Wa
parasite communities, phylogeny, and ecology, response to Holmes, J. C.; and Price, P. W., 1980, System. Zool., v. 29 (2), 203-213

Ecology, Populations

Bull CM; Sharrad RD
1980 J Austral Entom Soc 19 (1) 47-52 Issued May 28 Wa
Aponomma hydrosauri reared on *Trachydosaurus rufosus* in experimental enclosures, seasonal changes in tick population: Adelaide, South Australia

Ecology, Populations

Burn PR
1980 J Parasitol 66 (1) Feb 173-174 Wa
Deretrema [sp.] in *Anomalops katopferon* (gall bladder), infections consisted of single pair of trematodes, evidence for density-dependent regulation of fish trematode population: New York Aquarium, recently shipped from Philippines

Ecology, Populations

Burns EC; Melancon DG
1977 J Med Entom 14 (2) Nov 25 247-249 Wa
effect of *Solenopsis invicta* control on population size of *Amblyomma americanum*, field study, results indicate that fire ant is effective predator of lone star tick: northwestern Louisiana

Ecology, Populations

Butorina TE
1975 Parazitologiya Leningrad 9 (3) May-June 237-246 Wa
parasite fauna of different intraspecific forms of *Salvelinus alpinus*, dynamics in relation to host age and feeding habits; some observations on life cycle, development, and maturation periods of parasites: Azabach'e lake basin, Kamchatka

Ecology, Populations

Camp JW jr; Huizinga HW
1980 J Parasitol 66 (2) Apr 299-304 Wa
Acanthocephalus dirus in *Semotilus atromaculatus* and *Asellus intermedius*, seasonal population interactions, prevalence and density, host size, parasite localization in intestine, parasite sex ratios: Illinois

Ecology, Populations

Campbell A; MacKay PR
1979 Canad J Zool 57 (10) Oct 1950-1959 Wa
Dermacentor variabilis, distribution on small-mammal hosts related to vegetation types: Nova Scotia

Ecology, Populations

Cantrell MA
1981 Oikos 36 (2) Mar 226-232 Wa
Bulinus globosus (intermediate host of *Schistosoma haematobium*) in a tropical swamp, seasonal changes in distribution and abundance of populations in relation to lake level fluctuations and other changes in physico-chemical environment, field data; effect of different levels of dissolved oxygen on snail distribution and rate of movement, laboratory experiments: Malawi

Ecology, Populations

Carey AB; McLean RC; Maupin GO
1980 Ecol Monogr 50 (2) June 131-151 Wa
structure of Colorado tick fever ecosystem, includes information on hosts of, virus isolations from, and habitat hyperspace variables for *Dermacentor andersoni*: Rocky Mountain National Park, Colorado, USA

Ecology, Populations

Coadwell WJ; Ward PFV
1981 Parasitology 82 (2) Apr 257-261 Wa
Haemonchus contortus, development, composition, and maintenance of experimental populations in sheep: relation between worm body length, dry weight, and age, growth curves, variations in sex ratio for infections of different ages, rate of expulsion

Ecology, Populations

Coffman CC
1972 Diss (South Dakota State Univ) 107 pp Ann Arbor Michigan Wa (DISS 72-33,332)
Geomylichus geomydis n. sp. from Geomys b. bur-sarius, rates of infestation by season, sex of host, and age of host, statistical analysis and comparison with 4 other major ectoparasite populations (parasite age & sex structures, total and mean population densities, mean seasonal percent), distribution and behavior on host body, observations on eggs, survival after removal from host, body weights, life cycle

Ecology, Populations

Custer JW; Pence DB
1981 J Parasitol 67 (3) June 289-307 Wa
helminths of wild canids (Canis rufus, C. la-trans, and their hybrids), prevalence, density, effect of hosts' age, sex, and taxonomic category, helminth species associations, sex ratio of heartworms and hookworms, host heart and spleen weights, geographical diversity, organization of species in helminth communities (importance values, multivariate analyses): Gulf Coastal prairies of Texas and Louisiana compared with other regions in North America

Ecology, Populations

Daniilov MR
1975 Parazitologiya Leningrad 9 (4) July-Aug 312-314 Wa
parasite fauna of fish from spring with constant high water temperature, differences in summer and autumn: Chilu-Chor Chashma, Tadzhikistan

Ecology, Populations

Day JF; Benton AH
1980 Am Midland Naturalist 103 (2) Apr 333-338 Wa
siphonapteran parasites of Glaucomys volans volans have apparently separated themselves seasonally by adjusting their life history schedules so that adults of only one species of flea predominate in the nest during any given month of the year

Ecology, Populations

Daynes P; Gutierrez J
1980 Rev Elevage Med Vet Pays Trop n s 33 (3) 305-310 Wa
Boophilus microplus on Santa Gertrudis cattle, degree of infestation according to temperature and month of year, advantage of using a moderately tick resistant breed: Nouvelle-Caledonie

Ecology, Populations

Deunff J; Beaucournu JC
1981 Ann Parasitol 56 (2) 203-224 Wa
Spinturnicidae (5 spp.) of bats, host specificity, host population structure, parasite localization, parasite sex ratio, seasonal prevalence and intensity of infection; presence of Spinturnix myoti in guano: France

Ecology, Populations

DeVanev JA et al
1980 Poultry Science 59 (8) Aug 1745-1749 Wa
Ornithonyssus sylviarum, Menacanthus stramineus, 30 strains of egg-type hens, dispersal patterns in poultry house, no indications of host resistance, dietary regimens had no effect on parasite populations

Ecology, Populations

Dohany AL et al
1980 Japan J Med Sc and Biol 33 (5) Oct 263-270 Wa
chigger vectors of scrub typhus, variation in populations in developing oil palm areas of different ages: Peninsular Malaysia

Ecology, Populations

Evans NA; Whitfield PJ; Dobson AP
1981 Parasitology 83 (1) Aug 1-12 Wa
Echinoparyphium recurvatum metacercarial cysts in 7 species of mollusc, prevalence and intensity, frequency distributions within host populations, different host size classes, relative contribution of each host species to flow of parasites through community: Harting Pond, West Sussex

Ecology, Populations

Forattini OP et al
1979 Rev Saude Pub S Paulo 13 (4) Dec 299-313 Wm
Triatoma sordida and Panstrongylus megistus, exper. colonies grown in chicken coops, development, annual cycles, dispersal, applications for surveillance of natural populations

Ecology, Populations

Gabaldon A; Ulloa G
1980 Tr Roy Soc Trop Med and Hyg 74 (4) 501-507 Wa
avian malaria, high parasite rates in nestlings, low rates in adult birds, high densities and sporozoite rates of local vector Aedeomyia squamipennis and increasing parasite rates in nestlings with age suggest great intensity of transmission, situation is regarded as form of holoendemicity which is probably cause of population control, possibility of parasite hybridization: Venezuela

Ecology, Populations

Graf JF; Mermod C; Aeschlimann A
1979 Bull Soc Neuchatel Sc Nat 3 s 102 55-68 Wa
Ixodes trianguliceps, geographic distribution, ecology (seasonal fluctuation, altitude and biotope comparisons, mixed infestations), life cycle: Suisse

Ecology, Populations

Gruner L et al
1980 Ann Recherches Vet 11 (2) 133-140 Wa
gastro-intestinal nematodes, seasonal distribution in sheep and on pastures, influence of meteorological conditions upon infective larval populations on pastures, host growth: Western central region of France

Ecology, Populations

Hamilton WD
1980 Oikos 35 (2) Oct 282-290 Wa
parasite pressure as an evolutionary factor sufficiently general to account for host sex wherever it exists, 2 models (one-locus diploid selection and two-locus haploid selection)

Ecology, Populations

Helle E; Valtonen ET
1981 Parasitology 82 (2) Apr 287-296 Wa
Corynosoma strumosum and C. semerme in Pusa hispida, comparison between spring and autumn infection, intensity of infection, parasite sex ratio and body length, distribution of worms in intestines: Bothnian Bay of Baltic Sea

Ecology, Populations

- Hirsch RP
1980 Internat J Parasitol 10 (4) Aug 243-248
Wa
Polymorphus minutus, patterns of distribution in Gammarus pulex, statistical analysis of Hynes & Nicholas' (1963) data, comparison with Crofton's (1971) conclusions based on same data

Ecology, Populations

- Holmes JC; Price PW
1980 System Zool 29 (2) June 203-213 Wa
parasite communities, roles of phylogeny and ecology, response to Brooks, D. R., 1980, System. Zool., v. 29 (2), 192-203

Ecology, Populations

- Janion SM
1979 Polish Ecol Studies 5 (2) 61-95 Wa
ecological control of fleas on rodents, habitat capacity, exchange of fleas on and off the host, over abundance of fleas leads to shortened period on host which is long enough to feed but not long enough to obtain blood hormones necessary for reproduction

Ecology, Populations

- Jarroll EL jr
1980 Am Midland Naturalist 103 (2) Apr 360-366
Wa
Bothriocephalus rarus in Notophthalmus viridescens and Macrocylops ater, suprapopulation dynamics, life cycle strategy, model: Ritchie Co., West Virginia

Ecology, Populations

- Jobin WR
1980 Am J Trop Med and Hyg 29 (1) Jan 86-94 Wa
bilharziasis, historical trends in disease distribution, influence of sugar cane irrigation projects, water supply programs, and rural community development schemes, possibility of complete control or eradication in near future: Puerto Rico

Ecology, Populations

- Kennedy CR
1981 J Fish Biol 19 (2) Aug 221-236 Wa
eyefluks in Perca fluviatilis, long term studies on population biology: Diplostomum gasterostei, changes in infrapopulation size (monthly and annual changes in infection levels in all perch and in young perch only, changes in frequency distribution); Tylodelphys clavata, changes in infrapopulation size (monthly and annual changes in infection levels in all perch and in young perch only); interactions between species; Tylodelphys podicipina, changes in infrapopulation size: Slapton Ley, Devon

Ecology, Populations

- Kennedy CR
1981 Parasitology 82 (2) Apr 245-255 Wa
Tylodelphys podicipina, introduction, establishment, and population biology in perch in small lake, changes in prevalence, intensity, and dispersion of infection in each year class of host over period of 2 years, no evidence of parasite-induced host mortality: Britain

Ecology, Populations

- Kennedy CR; Burrough RJ
1981 J Fish Biol 19 (1) July 105-126 Wa
Ligula intestinalis in Rutilus rutilus, introduction, establishment, and subsequent history of parasite population: origin of infection; distribution of infections in relation to size and age of fish; seasonal and annual changes in infection levels and within Ligula population (prevalence and intensity of infection, growth of parasite, index of parasitization, frequency distribution): Slapton Ley, Devon, U.K.

Ecology, Populations

- Keymer AE
1980 Parasitology 81 (2) Oct 405-421 Wa
Hymenolepis diminuta in Tribolium confusum, relationship between number of exposures to infection and number and size of cysticercoids harbored per host, influence of parasite burden on host fecundity and host mortality, significance of these effects in relation to overall population dynamics of host-parasite association

Ecology, Populations

- Keymer A
1981 J Animal Ecol 50 (3) Oct 941-950 Wa
Hymenolepis diminuta, population dynamics in Tribolium confusum: relationship between number of exposures to infection and resultant parasite burden per host; relationships between cysticercoid density, age, and infectivity; relationship between infective-stage density and resultant parasite burden per host (transmission to intermediate host; transmission to definitive host); influence of infection on intermediate host population growth

Ecology, Populations

- Kim KC; Haas VL; Keyes MC
1980 J Wildlife Dis 16 (1) Jan 45-51 Wa
Orthohalarachne attenuata and O. diminuta in Callorhinus ursinus (respiratory passages), infestation rate, pathology, population densities and structure, microhabitat preference, sex and age of host: St. Paul Island, Alaska

Ecology, Populations

- Kirchner TB; Anderson RV; Ingham RE
1980 Ecology 61 (2) Apr 232-237 Wa
natural selection and distribution of nematode sizes, habitat constraints, life history strategies, and physiology as factors

Ecology, Populations

- Kitron UD
1980 Parasitology 81 (2) Oct 235-249 Wa
Gammaridacarus orchestoideae on Orchestoidea corniculata, prevalence and intensity, seasonal variation, host sex, host size (age), host moult stage, reproductive condition of female hosts, frequency distribution of number of parasites per host, mean crowding index, patchiness, index of host mortality, field and laboratory observations: California

Ecology, Populations

- Knight SA; Janovy J jr; Current WL
1980 J Parasitol 66 (5) Oct 806-810 Wa
Myxosoma funduli, overdispersed distribution among Fundulus kansae population; monthly infection prevalence and monthly host size class distribution; distribution on individual gill bars and % infected gill bars; prevalence, host size distribution, and host sex ratio at various collection sites with different physical characteristics: Platte River system, Nebraska

- Ecology, Populations
Koloinin GV; Kiselev AN; Bolotin EI
1975 Parazitologiya Leningrad 9 (5) Sept-Oct
419-424 Wa
ixodid ticks, technique for absolute registration of adults on pastures, estimation of population densities from main landscape zones of eastern Sikhote-Alin
- Ecology, Populations
Korenberg EI et al
1975 Parazitologiya Leningrad 9 (3) May-June
260-264 Wa
Ixodes ricinus, occurrence in areas with different types of vegetation, 3 types of distribution pattern: Lithuania
- Ecology, Populations
Kovalevskii IuV et al
1979 Zool Zhurnal 58 (1) Jan 31-43 Wa
Ixodes persulcatus, Dermacentor silvarum, distribution patterns, low and high level populations characterized by different types of spatial structure: Amur-Bureva region of Amur-Baikal line
- Ecology, Populations
Kovalevskii IuV; Korenberg EI; Suvorova LG
1980 Zool Zhurnal 59 (7) July 1008-1017 Wa
Ixodes trianguliceps, spatial structure of a population which differs from that of I. persulcatus, extermination of I. persulcatus by DDT exerted no marked effect on numbers and spatial structure of I. trianguliceps: forests of South Udmurtia ASSR
- Ecology, Populations
Krafsur ES; Hightower BG; Leira L
1979 J Med Entom 16 (6) Dec 18 470-481 Wa
Cochliomyia hominivorax, seasonal population dynamics May 1974 to Sept 1975: northern Veracruz, Mexico
- Ecology, Populations
Kuris AM; Blaustein AR; Alio JJ
1980 Am Naturalist 116 (4) Oct 570-586 Wa
criticisms of application of island biogeography theory to situation involving animal hosts as islands for parasites
- Ecology, Populations
Lauer DM; Sonenshine DE
1978 J Med Entom 15 (1), Nov 7 1-10 Wa
Orchopeas howardi, radiolabeling techniques to study size and mobility of populations in laboratory colonies of Glaucomys volans and in mark-and-recapture experiments, influence of temperature and host density on flea population size, applications to field studies
- Ecology, Populations
Leong TS; Holmes JC
1981 J Fish Biol 18 (6) June 693-713 Wa
metazoan parasites of open water fishes, prevalence and intensity, relative abundance of parasites and hosts, parasite assemblages (communities), diversity, dominance patterns, exchange of parasites between hosts, proportion of larval parasites, comparison with other lakes: Cold Lake, Alberta, Canada
- Ecology, Populations
Levin S; Pimentel D
1981 Am Naturalist 117 (3) Mar 308-315 Wa
group selection of intermediate rates of increase in parasite-host systems, mathematical model
- Ecology, Populations
Marsden PD et al
1979 Rev Inst Med Trop S Paulo 21 (1) Jan-Feb
13-25 Wm
ecology of Triatoma infestans (Trypanosoma cruzi vector) in buildings studied using house demolition techniques
- Ecology, Populations
Martin JL; Huffman DG
1980 Proc Helminth Soc Washington 47 (2) July
247-255 Issued Aug 25 Wa
helminths of Sigmodon hispidus from 3 vegetational regions, density, incidence, variation due to season, and host habitat, size (age), and sex: near San Marcos, Texas
- Ecology, Populations
Matzke G
1979 Social Sc and Med Med Geogr 13D (4) Dec
209-214 Wm
African sleeping sickness, control by type of settlement, colonial vs. traditional methods, historical review: southeast Tanganyika
- Ecology, Populations
Mills CA
1980 Internat J Parasitol 10 (4) Aug 287-291 Wa
Transversotrema patialense on Brachydanio rerio, (parasite) age- and density-dependent growth, increase in occurrence of reproductive abnormalities in old parasites
- Ecology, Populations
Mills CA
1980 Parasitology 81 (1) Aug 91-102 Wa
Transversotrema patialense, temperature- and age-dependent survival and reproduction within parasite populations on Brachydanio rerio
- Ecology, Populations
Mondet B et al
1980 Cahiers ORSTOM s Entom Med et Parasitol
18 (1) 49-57
Gastromermis sp., Isomermis lairdi in Simulium damnosum, growth and sex-ratio of parasites: Mali
- Ecology, Populations
Mudry DR; Arai HP
1973 Canad J Zool 51 (7) July 787-792 Wa
Hunterella nodulosa in Catostomus commersoni, incidence, intensity, and population size distribution, weight and length of host, seasonal changes in frequency distribution of worm size classes: Nose Creek, near Calgary, Alberta
- Ecology, Populations
Murray MJ; Murray AB; Murray NJ
1980 Yale J Biol and Med 53 (4) July-Aug
295-306 Wa
ecological interdependence of diet and disease (including parasitism) in tribal societies which favors survival of man, Western dietary changes may result in intensification of indigenous disease
- Ecology, Populations
Muzzall PM
1980 J Parasitol 66 (1) Feb 127-133 Wa
3 acanthocephalan spp. in Catostomus commersoni, infection parameters, seasonal infection patterns, intestinal distribution, effect of host size and sex, occurrence in other hosts: SE New Hampshire

Ecology, Populations

Muzzall PM
1980 J Parasitol 66 (2) Apr 293-298 Wa
Triganodistomum attenuatum in *Catostomus commersoni*, seasonal infection patterns, intestinal distribution, prevalence and intensity in male and female hosts and in hosts of various size classes: New Hampshire

Ecology, Populations

Muzzall PM
1980 J Parasitol 66 (3) June 542-550 Wa
caryophyllaeid cestodes in *Catostomus commersoni*, prevalence and intensity, seasonal infection patterns, intestinal distribution, crowding effect, effect of host size: SE New Hampshire

Ecology, Populations

Nicoli RM et al
1981 Ann Parasitol 56 (1) 23-31 Wa
Trichomonas vaginalis, human, disturbs equilibrium of vaginal bacterial populations

Ecology, Populations

Olsen A; Woolf A
1978 J Wildlife Dis 14 (2) Apr 263-268 Wa
Parelaphostrongylus tenuis in *Cervus elaphus canadensis*, sequential development of clinical signs, impact of neurologic disease on wapiti populations: Rachelwood Wildlife Research Preserve, Pennsylvania

Ecology, Populations

Parmeter SN; Death DD; Twaalfhoven H
1981 Research Vet Sc 30 (2) Mar 257-259 Wa
Taenia hydatigena, dogs infected with 1, 5, 10, 20, or 40 cysticerci, worm sizes, weights, numbers, relative numbers of pre-gravid and gravid proglottids

Ecology, Populations

Pearre S jr
1979 Internat Rev Ges Hydrobiol 64 (2) 193-206 Wa
hemiatrid larval trematode-infected chaetognaths, morphological (gigantism) and behavioral (vertical migration to better-lit habitat) modifications, excess field mortality, lowered reproductive potential, contagious distribution of parasites within host population, may be optimal strategy to increase intermediate host predation by correct final host species and minimize damage to intermediate host population as a whole

Ecology, Populations

Pence DB; Dowler RC
1979 Proc Helminth Soc Washington 46 (2) July 245-253 Issued Aug 14 Wa
helminths of *Taxidea taxus*, intensity, Simpson's index, trellis diagram of similarity indexes, female-male ratio for *Ancylostoma taxidae* correlated with intensity of infection: Kansas; Texas

Ecology, Populations

Pence DB; Eason S
1980 J Parasitol 66 (1) Feb 115-120 Wa
comparison of helminth faunas of 2 sympatric top carnivores (*Felis rufus* and *Canis latrans*), Simpson's indices, index of similarity and overlap index, importance indices: Rolling Plains of Texas

Ecology, Populations

Pfaffenberger GS; Butler WF; Hudson DS
1980 J Wildlife Dis 16 (4) Oct 545-547 Wa
lice, *Corvus cryptoleucus*, host sex selection, parasite densities compared from consistently large and small ecologically distinct populations: New Mexico

Ecology, Populations

Price PW
1980 Monogr Population Biol (15) 237 pp Wa
parasites, evolutionary biology: non-equilibrium populations and communities; genetic systems; adaptive radiation and specificity; ecological niches, species packing, and community organization; impact on evolutionary biology of host

Ecology, Populations

Randolph SE
1980 J Parasitol 66 (2) Apr 287-292 Wa
Ixodes trianguliceps females, delayed mating decreases rate of engorgement and reduces reproductive output, ecological significance lies in fact that inverse density dependent factor may have destabilizing effect on tick population that might be exploited in control of ticks

Ecology, Populations

Rechav Y
1979 J Med Entom 16 (2) Sept 28 150-163 Wa
Amblyomma hebraeum, *Rhipicephalus appendiculatus*, *R. evertsi evertsi*, larvae, nymphs, adults, vertical and horizontal migration under field conditions, relationship among dispersal patterns, ecological factors (wind, humidity), and methods commonly used in studying tick populations

Ecology, Populations

Rivosecchi L; Stella E; Khoury C
[1980] Riv Parassitol Roma 39 (2-3) 1978 149-166 Issued Jan Wa
ixodid ticks, distribution in relation to type of vegetation: Latina province and environs of Rome

Ecology, Populations

Rodhain F
1980 Bull Soc Path Exot 73 (2) Mar-Apr 182-191 Wa
Loa loa, human and simian infections, hypothesis concerning dynamics of ecology of *Loa* system

Ecology, Populations

Rumiantsev EA
1975 Parazitologija Leningrad 9 (4) July-Aug 305-311 Wa
effect of several factors on parasite fauna of fishes introduced into lakes of Karelia

Ecology, Populations

Schenone H et al
1980 Bol Chileno Parasitol 35 (3-4) July-Dec 42-54 Wm
Trypanosoma cruzi, biological and ecological factors in epidemiological survey, incidence in humans, domestic and wild mammals, and in local vector *Triatoma*: Chile

Ecology, Populations

Schom C; Novak M; Evans WS
1981 Parasitology 83 (1) Aug 77-90 Wa
Hymenolepis citelli in Tribolium confusum, effect of host starvation prior to infection, parasite population size, host sex, and host genotype on host mortality or survival and on rate of parasite development, evaluation of results from genetic and evolutionary point of view

Ecology, Populations

Short NJ; Norval RAI
1981 J Parasitol 67 (1) Feb 77-84 Wa
Rhipicephalus appendiculatus, larvae, nymphs, adults, seasonal activity, vertical migration of adults on vegetation, influence of climatic factors (temperature, humidity, day length)

Ecology, Populations

Skorping A
1980 J Fish Biol 16 (5) May 483-492 Wa
Camallanus lacustris in Perca fluviatilis, pattern and structure of infection, seasonal incidence and intensity, site preference (gut) in host, host diet, sex, and size factors: Lake Lille Aklungen, vicinity of Oslo, Norway

Ecology, Populations

Skorping A
1981 J Fish Biol 18 (4) Apr 401-410 Wa
Bunodera luciopercae, seasonal dynamics in abundance, development, recruitment, and frequency distribution in Perca fluviatilis: lake in vicinity of Oslo, Norway

Ecology, Populations

Smeal MG; Fraser GC; Robinson GG
1980 Austral Vet J 56 (2) Feb 80-86 Wa
cattle nematodes, proportions of inhibited larvae in population make-up in 3 climatic regions, seasonal trends of inhibition may be due to strain differences, climatic factors, immunity, worm density-dependence: New South Wales

Ecology, Populations

Smith G
1981 Brit Vet J 137 (4) July-Aug 398-410 Wa
Fasciola hepatica, prevalence and intensity in sheep, cattle, and Lymnaea truncatula for period of 3 years in relation to weather and habitat microclimate, size-prevalence curves for snail hosts: Cumbria; Wales

Ecology, Populations

Takaoka H
1980 Am J Trop Med and Hyg 29 (3) May 467-472 Wa
parasites and pathogens in larval blackflies and their possible significance as regulatory factors upon natural populations of 3 onchocerciasis vectors: Guatemala

Ecology, Populations

Tanner CE; et al
1980 J Parasitol 66 (5) Oct 802-805 Wa
Trichinella spiralis, rabbits, nonrandom negative binomial distribution of parasite populations in host population under carefully controlled laboratory conditions, results indicate nonrandom overdispersion is intrinsic characteristic of this host-parasite association and that susceptibility factors (under presumed genetic control) should be considered seriously in mathematical models of parasites

Ecology, Populations

Taylor SM; Kilpatrick D
1980 J Helminth 54 (1) Mar 1-6 Wa
Trichostrongylus vitrinus, sheep (exper.), influence of host age and nematode population size on distribution in intestine

Ecology, Populations

Theron A
1981 Ann Trop Med and Parasitol 75 (5) Oct 547-554 Wm
Schistosoma mansoni, dynamics of larval populations in Biomphalaria glabrata, chronobiology of intramolluscal larval development during shedding period

Ecology, Populations

Thomas RJ
1974 Symposia Brit Soc Parasitol 12 13-32 Wa
role of climate in epidemiology of nematode parasitism in ruminants, possibilities for interpreting and predicting parasite population patterns on basis of meteorological data, review

Ecology, Populations

Tristan DF; Prokop'ev VN
1975 Parazitologiya Leningrad 9 (5) Sept-Oct 398-403 Wa
fleas of Citellus fulvus subsp., rate of occurrence, abundance index in homogeneous host colonies vs. in populations mixed with Rhombomys opimus, infection rate with plague agent: Kazakhstan and Central Asia

Ecology, Populations

Udonsi JK; Nwosu ABC; Anya AO
1980 Ztschr Parasitenk 63 (3) 251-259 Wa
Necator americanus, frequency distribution of human fecal deposits and infective larvae on farmlands in hookworm endemic area; age structure of larvae and their vertical distribution in soil; weekly and monthly fluctuations in L3 populations: Nigeria

Ecology, Populations

Upatham ES et al
1981 Ann Trop Med and Parasitol 75 (1) Feb 63-69 Wa
Schistosoma haematobium, patterns of transmission, bionomics of intermediate snail host Bulinus abyssinicus, seasonal rainfall and snail size among factors: Somali Democratic Republic

Ecology, Populations

Upatham ES; Sukhapanth N
1980 Southeast Asian J Trop Med and Pub Health 11 (3) Sept 355-358 Wa
Opisthorchis viverrini, bionomics of Bithynia s. siamensis and transmission patterns, snail populations fluctuated according to rainfall, infection rates: Bangna, Bangkok, Thailand

Ecology, Populations

Uznanski RL; Nickol BB
1980 J Parasitol 66 (1) Feb 121-126 Wa
Leptorhynchoides thecatus in Hyalella azteca (exper.), unlikely that parasite populations are regulated by death of heavily infected hosts; host-parasite population models based on assumption that parasites kill heavily infected hosts should not be accepted without reservation

Ecology, Populations

- Vasil'eva IS; Ershova AS
1980 Med Parazitol i Parazitar Bolezni 49 (4)
July-Aug 42-48 Wa
Ornithodoros spp. nymphs, duration of molting under experimental conditions, effect of population size and density

Ecology, Populations

- Waller PJ; Thomas RJ
1981 Vet Parasitol 9 (1) Oct 47-55 Wa
Trichostrongylus axei, intestinal Trichostrongylus spp., grazing lambs, natural regulation of parasite populations in relation to host age, length of time of exposure to infection, and seasonal fluctuations in, and absolute levels of, larval availability on pasture

Ecology, Populations

- Wheatley BP
1980 J Mamm 61 (2) May 307-311 Wa
malaria as a possible selective factor in the speciation of *Macaca mulatta* and *M. fascicularis*

Ecology, Populations

- Young VE; Pence DB
1979 Proc Helminth Soc Washington 46 (1) Jan 28-35 Issued Mar 14 Wa
Pterygondermatites cahirensis from *Canis latrans* (upper intestine), redescription, synonymy, female-male ratios in male, female, and combined sexes of coyote, age of host, affinities with *Ancylostoma caninum* may be due to apparently independent preference of both species for younger immunologically tolerant hosts: Texas

Economic importance of parasitism

- Barbosa FS; Costa DPP
1981 Ann Trop Med and Parasitol 75 (1) Feb 41-52 Wa
Schistosoma mansoni, human, long-term control project in which molluscicide Bayluscide was used as sole means of control, concluded that costs could not be met by health budget of developing country: rural area of northeastern Brazil

Economic importance of parasitism

- Barger IA; Dash KM; Southcott WH
1978 Epidemiol and Control Gastrointest Parasites Sheep Australia 65-74 Wa
Fasciola hepatica, sheep, economic importance, occurrence, epidemiology, pathogenesis, control, review: Australia

Economic importance of parasitism

- Barger IA; Gibbs HC
1981 Vet Parasitol 9 (1) Oct 69-73 Wa
Ostertagia, *Cooperia*, cows (exper.), depressed milk production

Economic importance of parasitism

- Barnish G; Christie JD; Prentice MA
1980 Tr Roy Soc Trop Med and Hyg 74 (4) 488-492 Wa
Schistosoma mansoni, 2-year focal surveillance-mollusciciding programme for control of *Biomphalaria glabrata*, costs: Cul de Sac Valley, Saint Lucia

Economic importance of parasitism

- Beattie CP
1980 Lancet London (8173) 1 Apr 19 873 Wa
Toxoplasma gondii, women, problems and cost estimates involved in serologic screening during pregnancy

Economic importance of parasitism

- Boch J; Hennings R; Erber M
1980 Berl u Munchen Tierarztl Wchnschr 93 (21) Nov 1 420-423 Wa
Sarcocystis suicanis, pigs under fattening conditions, economic importance

Economic importance of parasitism

- Daddow KN
1979 Austral Vet J 55 (9) Sept 433-434 Wa
Eperythrozoon ovis, lambs (exper.), anemia, reduced wool production and weight gains, decreased exercise tolerance

Economic importance of parasitism

- Druilhe P et al
1981 Ann Soc Belge Med Trop 61 (1) Mar 99-109 Wa
Schistosoma haematobium, humans, efficacy of metrifonate administered in 3 annual doses, field trials, cost effectiveness evaluated: Upper Volta

Economic importance of parasitism

- El Karim MAA et al
1980 Am J Trop Med and Hyg 29 (1) Jan 54-61 Wa
Schistosoma mansoni, Gezira villagers and cleaners of irrigation canals, physiological responses to physical exercise measured to assess effect of infection on work capacity, results provide quantitative evidence of adverse effects of high levels of infection: Sudan

Economic importance of parasitism

- El Karim MAA et al
1981 J Trop Med and Hyg 84 (2) Apr 67-72 Wa
S[*chistosoma*] *mansoni*, humans, improved physiological work capacity and general physical well-being post-therapy: Gezira area of the Sudan

Economic importance of parasitism

- Fitzgerald PR
1980 Advances Vet Sc and Comp Med 24 121-143 Wa
coccidiosis, domestic animals, economic impact, treatment, review

Economic importance of parasitism

- Ilemobade AA; Balogun TF
1981 Trop Animal Health and Prod 13 (3) Aug 128-136 Wa
Trypanosoma brucei, *T. congolense*, *T. simiae*, pigs (exper.), effects of infection on feed intake, liveweight gain, and carcass traits

Economic importance of parasitism

- Jones RM
1981 Vet Parasitol 8 (3) July 237-251 Wa
field application of Morantel Sustained Release Bolus orally administered to first season grazing calves just prior to turn-out onto spring pasture, prevention of parasitic gastroenteritis, significant weight gain advantage: England

Economic importance of parasitism

- Jordan P; et al
1980 Tr Roy Soc Trop Med and Hyg 74 (4) 493-500 Wa
Schistosoma mansoni, human, control, chemotherapy as supplement to focal mollusciciding programme, costs: Cul de Sac Valley, Saint Lucia

- Economic importance of parasitism
Kirkwood AC
1980 Vet Rec 107 (20) Nov 15 469-470 Wa
Psoroptes ovis, sheep (exper.), effect on
body-weight and wool loss
- Economic importance of parasitism
Leland SE jr et al
1980 Am J Vet Research 41 (4) Apr 623-633 Wa
subclinical nematode parasitism, cattle,
economic value and course of infection after
treatment with thiabendazole, levamisole,
cruformate, or coumaphos: Kansas pens or lots
(from southern states)
- Economic importance of parasitism
Mantovani A
1977 Parassitologia 19 (3) Dec 145-152 Wa
economic losses from parasitism, with particu-
lar reference to vectors, review: Italia
- Economic importance of parasitism
Michel JF et al
1981 Vet Rec 108 (12) Mar 21 252-258 Wa
gastrointestinal nematodes, cattle, results
of 1978 survey of anthelmintic use on 240 farms
in England and Wales
- Economic importance of parasitism
Morris RS
1978 Epidemiol and Control Gastrointest
Parasites Sheep Australia 143-153 Wa
gastrointestinal parasites, sheep, economic
impact, review: Australia
- Economic importance of parasitism
Morris RS; Meek AH
1980 Vet Parasitol 6 (1-3) Jan 165-184 Wa
measurement and evaluation of economic effects
of parasitic disease, extensive review
- Economic importance of parasitism
Ogunrinade A; Ogunrinade BI
1980 Trop Animal Health and Prod 12 (3) Aug 155-
160 Wa
Fasciola gigantica, bovine, model for assessing
economic losses: Nigeria
- Economic importance of parasitism
Oormazdi H; Baker KP
1980 Brit Vet J 136 (2) Mar-Apr 146-153 Wa
Linognathus vituli, Bovicola bovis, calves
(exper.), no significant effect on haemoglobin
levels, packed cell volumes, erythrocyte or
leucocyte counts, or weight gains, increased
number of eosinophils; concluded that pedicu-
losis is of economic importance in the Repub-
lic of Ireland because of resulting hide damage
- Economic importance of parasitism
Prosl H et al
1980 Wien Tierarztl Monatsschr 67 (1) Jan 14-19
Wa
nematodes, pigs, single and mixed infections,
infection rates by breed and sex of host, in-
fluence of infection on slaughtering and fat-
tening performance: Wien
- Economic importance of parasitism
Randall RW; Gibbs HC
1981 Am J Vet Research 42 (10) Oct 1730-1734 Wa
Ostertagia ostertagi, Cooperia oncophora,
calves (exper.), effects of clinical and sub-
clinical disease on digestion and energy meta-
bolism, results indicate that low levels of
parasitism could result in appreciable produc-
tion losses in young animals under grazing
conditions in Maine
- Economic importance of parasitism
Roux JF; Sellin B; Picq JJ
1980 Med Trop 40 (1) Jan-Feb 45-51 Wm
Schistosoma mansoni, humans, epidemiological
survey, prevalence of hepato-splenomegalies in
endemic areas, age of host, severe effect on
public health and socio-economic development
in Upper Volta and Ivory Coast
- Economic importance of parasitism
Steel JW; Symons LEA; Jones WO
1980 Austral J Agric Research 31 (4) July 821-
838 Wa
Trichostrongylus colubriformis-infected lambs,
interrelationships between level of exposure to
worms, production loss (liveweight gain, wool
growth), and host physiological and metabolic
changes associated with disease development
- Economic importance of parasitism
Stuerchler D et al
1980 Tropenmed u Parasitol 31 (1) Mar 87-93 Wa
hookworm, Ascaris lumbricoides, Trichuris
trichiura, human, prevalence by host age and
sex, effect of community anthelmintic chemo-
therapy in settlements already having improved
environmental sanitation, analysis of costs:
Liberia
- Economic importance of parasitism
Williams GE; Williams RE
1980 J Kansas Entom Soc 53 (4) Oct 745-751
Issued Oct 31 Wa
Hypoderma lineatum, H. bovis, cattle, results
of questionnaire concerning control and eco-
nomic importance of cattle grubs; seasonal
survey of cattle grub populations: Indiana
- Economic importance of parasitism
Willomitzer J
1980 Acta Vet Brno 49 (3-4) Sept-Dec 269-277 Wa
parasites of Ctenopharyngodon idella fry and
fingerlings, intensity and extensity of infes-
tation, seasonal dynamics, host age; Diplostom-
um as cause of extensive eye lesions in C.
idella, economic importance, relation between
infection of fish and intermediate host snails,
experimental infection of Lebistes reticulatus:
State Fishery, Pohorelice
- Economic importance of parasitism
Wilson CB; Remington JS
1980 Am J Obst and Gynec 138 (4) Oct 15 357-363
Wa
Toxoplasma gondii, human congenital infections
(morbidity, incidence, cost, control measures),
general review
- Ectoparasites
Fallis AM
1980 Vet Parasitol 6 (1-3) Jan 47-73 Wa
arthropods as pests and vectors of disease of
domestic and wild animals, review
- Ectoparasites
Ribbeck R et al
1979 Ang Parasitol 20 (4) Nov 221-229 Wa
ectoparasites of farm animals, problems of
control discussed: Mongolian People's Repub-
lic
- Ectoparasites
Splisteser H; Ilchmann G
1980 Beitr Trop Landwirtsch u Vet-Med 18 (3)
235-243 Wa
ectoparasites, strategy of control in exten-
sive animal farming in the GDR

- Ectoparasites
Thoday KL
1981 Brit Vet J 137 (2) Mar-Apr 133-154 Wa
modern diagnostic techniques in small animal
clinical dermatology, review, includes infor-
mation on ectoparasitic infestations
- Ectoparasites
Wharton RH; Norris KR
1980 Vet Parasitol 6 (1-3) Jan 135-164 Wa
control of parasitic arthropods, review
- Ecuador
Kaplan JE et al
1980 Am J Trop Med and Hyg 29 (2) Mar 298-312
Wa
infectious disease patterns in the Waorani, an
isolated Amerindian population in eastern
Ecuador, includes information on intestinal
parasites
- Egg-count See Technique, Egg-count
- Eggs [See also Hatching; Reproduction]
- Eggs
Berman EL; Carter HW; Brodtkin R
1980 Scan Electron Micro (3) 517-522 Wa
Pthirus pubis, structure of eggs, hatching
mechanism, light and scanning microscopy
- Eggs
Bundy DAP
1981 Internat J Parasitol 11 (1) Feb 19-22 Wa
Transversotrema patialense, egg capsule,
scanning and transmission electron microscopy,
thread-like extensions trap bacteria and
debris against egg capsule surface
- Eggs
Bundy DAP
1981 Internat J Parasitol 11 (4) Aug 319-322 Wa
Transversotrema patialense, egg capsule mor-
phometrics, age-dependency and population fre-
quency distribution, implications for use as
taxonomic criterion in Transversotrematidae
- Eggs
Burden CS; Ubelaker JE
1981 Exper Parasitol 51 (1) Feb 28-34 Wa
Schistosoma mansoni in mice vs. S. haematobium
in hamsters, growth and maturation of bisexual
and unisexual infections in relationship to
copulation, egg shell protein formation, and
oviposition, vitellogenesis evaluated with
electron microscopy after diazonium salt
staining and autofluorescence
- Eggs
Chauhan PPS; Pande BP
1981 Indian J Animal Sc 51 (4) Apr 439-445 Wa
Neoscaris vitulorum, bubaline and bovine
strains, embryonic development of eggs up to
infective stage, morphology of first- and
second-stage larvae
- Eggs
Clarke AJ; Perry RN
1980 Parasitology 80 (3) June 447-456 Wa
Ascaris suum, egg-shell permeability and hatch-
ing
- Eggs
Coffman CC
1972 Diss (South Dakota State Univ) 107 pp Ann
Arbor Michigan Wa (DISS 72-33,332)
Geomylichus geomydis n. sp. from Geomys b. bur-
sarius, rates of infestation by season, sex of
host, and age of host, statistical analysis
and comparison with 4 other major ectoparasite
populations (parasite age & sex structures,
total and mean population densities, mean
seasonal percent), distribution and behavior
on host body, observations on eggs, survival
after removal from host, body weights, life
cycle
- Eggs
Cogley TP; Anderson JR; Weintraub J
1981 Internat J Insect Morphol and Embryol 10
(1) 7-18 Wa
warble fly eggs, ultrastructure and function
of attachment organ
- Eggs
Dias LCS; Ribeiro OB
1980 Tr Roy Soc Trop Med and Hyg 74 (6) 826 Wa
Schistosoma mansoni, eggs with 2 miracidia
found in faeces of patient from Brazil
- Eggs
Dresden MH; Payne DC
1981 J Parasitol 67 (3) June 450-452 Wa
Schistosoma mansoni, S. japonicum, sieving
method for isolation of large numbers of ster-
ile schistosome eggs from intestines of infec-
ted mice
- Eggs
Enigk K
1979 Berl u Munchen Tierarztl Wchnschr 92 (23)
Dec 1 special no 491-497 Wa
endoparasites, domestic animals, structure of
egg shell and resistance to disinfectants
- Eggs
Fairweather I; Threadgold LT
1981 Parasitology 82 (3) June 429-443 Wa
Hymenolepis nana, hatched and unhatched on-
cospheres, fine structure of embryonic en-
velopes, transmission and scanning electron
microscopy, light microscope histochemistry,
modifications from basic cyclophyllidean pat-
tern can be related to demands of 'direct'
life-cycle
- Eggs
Fairweather I; Threadgold LT
1981 Parasitology 82 (3) June 445-458 Wa
Hymenolepis nana, fine structure of 'penetra-
tion gland' and nerve cells within onco-
sphere, transmission and scanning electron
microscopy, light microscope histochemistry
- Eggs
Fitzgerald MD; Jones AW; Tan BD
1970 Tr Am Micro Soc 89 (2) Apr 300-304 Issued
Aug 19 Wa
Hymenolepis nana, H. microstoma, difference in
oncospherical hook orientation, taxonomic and
diagnostic significance
- Eggs
Gabrion C
1981 Ztschr Parasitenk 65 (2) 191-205 Wa
Anomotaenia constricta, Paricterotaenia por-
osa, unhatched oncospheres, ultrastructure,
origin and formation of tegument discussed

- Eggs
He Y; Gong Z; Ma J
1980 Chinese Med J 93 (12) Dec 861-864 Wm
Schistosoma japonicum, egg shell, scanning and transmission electron microscopy
- Eggs
Hopkins DE; Chamberlain WF
1980 Ann Entom Soc Am 73 (2) Mar 15 204-206 Wa
Bovicola ovis, gamma irradiation of eggs, effect on egg mortality, egg productivity of subsequent females, and testes development of subsequent males
- Eggs
Jones BR; Smith BF; LeFlore WB
1979 Microbios (97-98) 24 185-193 Wa
Hydatigera taeniaeformis, fine surface topography of infective eggs, scanning electron microscopy
- Eggs
Levenbook L; Boctor FN; Fales HM
1980 J Insect Physiol 26 (6) 381-383 Wa
Dermacentor andersoni, free sugars in eggs, embryos, and adult haemolymph
- Eggs
Looker DL; Etges FJ
[1980] J Parasitol 65 (6) Dec 1979 880-885 Issued Apr 2 Wa
Schistosoma mansoni-infected Biomphalaria glabrata, fecundity and egg perivitelline fluid composition (protein and galactogen), results suggest that decreased hemolymph nutrient levels are responsible for inhibition of snail egg production
- Eggs
Nellaiappan K; Ramalingam K
1980 Parasitology 80 (1) Feb 1-7 Wa
Paraplerurus sauridae, stabilization of egg-shell examined using histochemistry, chromatography, and spectrum analysis, nature of protein component discussed
- Eggs
Nichols NT
1979 Proc 37 Ann Meet Electron Microsc Soc America (San Antonio Texas Aug 13-17) 272-273 Wa
Capillaria hepatica, ova in livers of Neotoma floridana floridana, transmission and scanning electron microscopy
- Eggs
Perry RN; Clarke AJ
1981 Parasitology 83 (2) Oct 435-449 Wa
nematodes, hatching mechanisms, review
- Eggs
Popiel I; Erasmus DA
1981 Tr Roy Soc Trop Med and Hyg 75 (2) 287-291 Wa
Schistosoma mansoni, effect of thiosinamine in vivo (mice) and in vitro on egg-shell formation
- Eggs
Seed JL; Bennett JL
1980 Exper Parasitol 49 (3) June 430-441 Wa
Schistosoma mansoni, role of phenol oxidase in eggshell formation
- Eggs
Seed JL; Kilts CD; Bennett JL
1980 Exper Parasitol 50 (1) Aug 33-44 Wa
Schistosoma mansoni, evidence that L-tyrosine is substrate for phenol oxidase in vivo, concluded that it would be difficult if not impossible to control egg production in female schistosomes by limiting substrate availability
- Eggs
Tenora F et al
1981 Vestnik Ceskoslov Spolec Zool 45 (2) June 157-160 pls inside back cover Wa
Thominx aerophilus, ultrastructure of head, bacillary bands, spicule sheath, and egg shell surface
- Eggs
Tripathi JC
1980 Indian Vet J 57 (9) Sept 719-722 Wa
gastro-intestinal nematodes, goats, effect of different temperatures on survival of eggs in faeces, controlled laboratory study
- Eggs
Van Neste D; Mrena E; Marchal G
1981 Ann Dermat et Venereol 108 (4) 355-361 Wm
Sarcoptes scabiei var. hominis, scanning electron morphology, egg development, life cycle
- Eggs
Vanoverschelde R
1981 Parasitology 82 (3) June 459-465 Wa
Himastha militaris, life-cycle: influence of salinity and temperature on egg development and miracidial emergence
- Eggs
Wharton D
1980 Parasitology 81 (2) Oct 447-463 Wa
nematode egg-shells, structure and chemistry, function, review
- Eggs
Wharton DA
1980 Parasitology 81 (1) Aug 103-113 Wa
function of oxyurid egg-shell
- Egypt
Botros BAM et al
1980 J Egypt Soc Parasitol 10 (1) June 239-246 Wa
parasitologic survey, camels: El Gabal El Asfar farm, Egypt
- Egypt
El-Shabrawy MN; Imam EA
1979 Vet Med J Giza 26 (26) 1978 207-214 Issued Aug 8 Wa
intestinal protozoa (with some illustrations and descriptions), dogs, incidence higher in old vs. young and males vs. females: Cairo, Giza and their suburbs, Egypt
- Egypt
Tawfik MA; Hassan AA
1979 J Egypt Vet Med Ass 39 (1) 137-141 Wa
On parasitic infestation among sheep of North-West Coast of Egypt

Electron microscopic morphology See Morphology

Electron microscopic technique See Technique, Electron microscopic

- Electron transport See Metabolism; Respiration
- Electrophoresis**
Agatsuma T
1981 Japan J Genetics 56 (1) Feb 73-77 Wa
Paragonimus iloktsuenensis, genetic variation of glucosephosphate isomerase, starch gel electrophoresis
- Electrophoresis**
Agatsuma T
1981 J Parasitol 67 (3) June 452-454 Wa
Paragonimus miyazakii, electrophoretic demonstration of genetic polymorphism of glucosephosphate isomerase in natural populations
- Electrophoresis**
Agatsuma T; Suzuki N
1980 Japan J Med Sc and Biol 33 (5) Oct 249-254 Wa
Fasciola sp. from Japan, enzyme electrophoresis
- Electrophoresis**
Aljeboori TI; Evans DA
1980 Tr Roy Soc Trop Med and Hyg 74 (2) 169-177 Wa
Leishmania donovani stocks isolated from children in Iraq, comparison between themselves, with L. donovani isolated in Iran and the Sudan, and with Leishmania sp. (determined to be L. tropica) isolated from viscera of rat caught in Baghdad on basis of electrophoretic isoenzyme patterns
- Electrophoresis**
Aljeboori TI; Evans DA
1980 Tr Roy Soc Trop Med and Hyg 74 (2) 178-184 Wa
Leishmania tropica and L. major both found in human cutaneous leishmaniasis on basis of electrophoretic isoenzyme patterns: Iraq
- Electrophoresis**
Barrett TV et al
1980 Tr Roy Soc Trop Med and Hyg 74 (1) 84-90 Wa
Trypanosoma cruzi, culture forms of 104 stocks isolated from different regions in State of Bahia compared by electrophoresis of 6 enzymes, hosts and distribution of 3 zymodemes, clinical correlations: Bahia State, Brazil
- Electrophoresis**
Bursey CC; McKenzie JA; Burt MDB
1980 Internat J Parasitol 10 (3) June 167-174 Wa
Taenia, polyacrylamide gel electrophoresis in differentiation of 3 spp. by total protein, Hymenolepis diminuta used as control
- Electrophoresis**
Cain GD; Raj RK
1980 Exper Parasitol 49 (1) Feb 56-67 Wa
Anisakis, Phocanema, Contraeacum, Sulcascaris, alcohol and malate dehydrogenases from larvae, electrophoresis and thermostability, possible value in identification
- Electrophoresis**
Castanheira EB; Gazzinelli G; Figueiredo EA
1981 Comp Biochem and Physiol 68B (3) 467-472 Wa
Schistosoma mansoni, key enzymes of carbohydrate metabolism, activities and isoenzyme electrophoretic patterns in relation to parasite developmental stage and sex and to host origin (permissive vs. non-permissive)
- Electrophoresis**
Chance ML
1979 Symposia Brit Soc Parasitol 17 55-74 Wa
Leishmania, identification, review: morphology, DNA buoyant density, DNA-RNA hybridization, enzyme electrophoresis
- Electrophoresis**
Croft SL; Chance ML; Gardener PJ
1980 Ann Trop Med and Parasitol 74 (6) Dec 585-589 Wa
Endotrypanum, 7 strains, ultrastructural and biochemical (nuclear and kinetoplast DNA buoyant density; enzyme electrophoresis) characterization, division into 2 taxonomic units but separation does not agree with original identification as E. schaudinni or E. monterogei, stock isolated from Lutzomyia trapidoi was identified as Endotrypanum sp.
- Electrophoresis**
Desgeorges PT et al
1980 Ann Biol Clin 38 (6) 361-363 Wm
Toxoplasma gondii, fractionation and study of exo-antigens using electrophoresis in gradient of polyacrylamide gel combined with Elisa test (modified Gedelisa test)
- Electrophoresis**
Farri TA et al
1980 Tr Roy Soc Trop Med and Hyg 74 (5) 672-673 Wa
Entamoeba histolytica, electrophoretic studies of hexokinase of isoenzyme groups I to IV
- Electrophoresis**
Fletcher M; LoVerde PT; Kuntz RE
1981 J Parasitol 67 (4) Aug 593-595 Wa
Schistosoma mansoni, S. rodhaini, adults and cercariae, use of horizontal starch gel electrophoresis to differentiate the two species on basis of differences in mobility of diagnostic enzymes
- Electrophoresis**
Fletcher M; LoVerde PT; Woodruff DS
1981 Am J Trop Med and Hyg 30 (2) Mar 406-421 Wa
Schistosoma mansoni, populations from Africa, Southwest Asia, South America, and West Indies, genetic variation in enzyme polymorphisms (electrophoresis on starch gels), geographic and sexual differences
- Electrophoresis**
Gibson WC; Lumsden WHR
1980 Tr Roy Soc Trop Med and Hyg 74 (5) 688 Wa
Trypanosoma brucei, isoenzyme electrophoretic characterization of ETat and AnTat serodemes
- Electrophoresis**
Gibson WC; Marshall TFC; Godfrey DG
1980 Advances Parasitol 18 175-246 Wa
Trypanosoma (Trypanozoon), numerical analysis of enzyme polymorphism, new approach to epidemiology and taxonomy with proposals for working nomenclature with 6 "groupings"; "T. b. brucei, T. b. rhodesiense, T. b. gambiense and T. evansi should be united under one name, T. brucei."
- Electrophoresis**
Godfrey DG
1979 Symposia Brit Soc Parasitol 17 31-53 Wa
Trypanosoma, significance of zymodemes (enzymically different groupings), review

Electrophoresis

Handman E; Mitchell GF; Goding JW
1981 J Immunol 126 (2) Feb 508-512 Wm
Leishmania tropica, identification and characterization of antigens, protein and immunoprecipitate patterns of 4 isolates analyzed by 2 dimensional gel electrophoresis, significance of findings for classification of *Leishmania* spp. and pathogenesis of different disease states that they cause

Electrophoresis

Hopkinson DA
1979 Symposia Brit Soc Parasitol 17 1-6 Wa
enzyme electrophoresis for identification of parasites, separation techniques, staining methods, brief review

Electrophoresis

Kaiser H; Fachbach G
1977 Zool Jahrb Jena Abt Syst 104 (1) 72-79 Wa
Hexameris spp., species-specific protein patterns shown in tissue homogenates by polyacrylamide disc electrophoresis

Electrophoresis

Kaiser H; Skofitsch G
1981 Zool Jahrb Jena Abt Syst 108 (1) 70-83 Wa
Hexameris sp., *H. lineata*, *Mermis nigrescens*, *Pheromermis* sp., disc electrophoresis of proteins, reactions in gel diffusion tests with antiserum against *Hexameris* sp., correlation of these characters with morphologic and biologic characters, implications for taxonomy and phylogeny of Mermithidae

Electrophoresis

Kilgour V
1980 Molec and Biochem Parasitol 2 (1) Oct 51-62 Wa
Trypanosoma brucei subsp., bloodstream and culture forms compared with respect to electrophoretic mobilities and activities of 11 enzymes

Electrophoresis

Knowles G; Sanderson A; Walliker D
1981 Exper Parasitol 52 (2) Oct 243-247 Wa
Plasmodium yoelii yoelii, *Plasmodium yoelii nigeriensis*, new electrophoretic variants of adenosine deaminase which differentiate these 2 subspecies, genetic analysis of crosses between these 2 subspecies

Electrophoresis

Kreutzer RD; Christensen HA
1980 Am J Trop Med and Hyg 29 (2) Mar 199-208 Wa
Leishmania spp., characterization of species and strains by isozyme patterns on cellulose acetate electrophoresis

Electrophoresis

Kreutzer RD; Sousa OE
1981 Am J Trop Med and Hyg 30 (2) Mar 308-317 Wa
Trypanosoma spp., isozyme patterns, cellulose acetate electrophoresis, variability between species and strains, potential for rapid *trypanosoma* isolate identification, some indication that isozyme types were associated with geographical distribution

Electrophoresis

Kumaratilake LM; Thompson RCA; Dunsmore JD
1979 Ztschr Parasitenk 60 (3) 291-294 Wa
Echinococcus granulosus, *E. multilocularis*, inter- and intraspecific differences detected by isoelectric focusing of cestode soluble proteins, potential value in speciation of *Echinococcus* and in determining biochemical differences between intraspecific variants

Electrophoresis

Lanham SM et al
1981 Tr Roy Soc Trop Med and Hyg 75 (5) 742-750 Wa
Trypanosoma cruzi, standard stocks of zymodemes from northeast Brazil, isoenzyme characterization, comparison of cellulose acetate electrophoresis, starch-gel electrophoresis, and isoelectric focusing

Electrophoresis

Letch CA; Gibson W
1981 Exper Parasitol 52 (1) Aug 86-90 Wa
Trypanosoma brucei, bloodstream forms, peptidases, starch gel electrophoresis, substrate specificities, relative activities

Electrophoresis

Maazoun R et al
1981 Ann Parasitol 56 (2) 131-146 Wa
Leishmania infantum, strains from man and dog in France (Cevennes, Cote d'Azur, Corse), Tunisia, and Honduras, enzyme electrophoresis, identical zymograms, differentiation from *L. donovani*, *L. tropica*, and *L. major*

Electrophoresis

van der Meer P et al
1981 Vet Quart 3 (2) Apr 61-65 Wa
Theileria species and strains, erythrocytic stage, isoenzyme studies using isoelectric focusing

Electrophoresis

Melrose TR; Brown CGD; Sharma RD
1980 Research Vet Sc 29 (3) Nov 298-304 Wa
Theileria annulata- and *T. parva*-infected bovine lymphoblastoid cell lines, glucose phosphate isomerase isoenzyme patterns, improved enzyme visualization method using meldola blue, species and strain differences

Electrophoresis

Melrose TR; Walker AR; Brown CGD
1981 Trop Animal Health and Prod 13 (2) May 70-78 Wa
Theileria, identification of infections in salivary glands of vector ticks using isoenzyme electrophoresis, clear separation of parasite enzyme from tick salivary gland enzyme, differentiation of isoenzymes between parasite species and strains

Electrophoresis

Miles MA et al
1980 Tr Roy Soc Trop Med and Hyg 74 (2) 221-237 Wa
Trypanosoma cruzi, further enzymic characters, critical assessment of present and prospective value of enzyme electrophoresis for strain identification

Electrophoresis

Miles MA et al
1980 Tr Roy Soc Trop Med and Hyg 74 (2) 243-252 Wa
Leishmania mexicana amazonensis, *L. hertigi* subsp., methods for enzymic characterization, possible use in identification

- Electrophoresis**
Miles MA et al
1981 Tr Roy Soc Trop Med and Hyg 75 (4) 524-529
Wa
Leishmania b. braziliensis, L. b. guyanensis, L. mexicana amazonensis, enzymic profiles, biochemical separation; inability to separate L. b. guyanensis from 4 stocks of L. b. panamensis by electrophoresis of 10 enzymes
- Electrophoresis**
Morel C; Simpson L
1980 Am J Trop Med and Hyg 29 (5 pt 2) Sept 1070-1074 Wa
Trypanosoma cruzi, characterization of stocks, strains, and clones by restriction endonuclease fingerprinting of kinetoplast DNA minicircles, technique should be useful for other pathogenic Trypanosomatidae
- Electrophoresis**
Musisi FL et al
1981 Research Vet Sc 30 (1) Jan 38-43 Wa
Theileria lawrencei-, T. parva-, and T. annulata-infected bovine lymphoblastoid cell lines, isoenzyme variants, promising method of distinguishing species or subspecies of Theileria but there are difficulties in identifying host and theilerian enzymes with certainty
- Electrophoresis**
Ramasamy R; Jamnadas H; Mutinga MJ
1981 Internat J Parasitol 11 (5) Oct 387-390 Wa
Leishmania promastigotes, proteins and surface proteins, electrophoretic analysis, differences between 2 strains likely to be Leishmania donovani (from kala-azar patient and from Phlebotomus martini) and Leishmania species from P. bedfordi, such differences may provide additional biochemical tools for classifying Leishmania: Kenya
- Electrophoresis**
Rassam MB; Al-Mudhaffar SA; Chance ML
1979 Ann Trop Med and Parasitol 73 (6) Dec 527-534 Wa
Leishmania spp., characterization of visceral and cutaneous stocks according to electrophoretic variation of enzymes: Iraq
- Electrophoresis**
Ready PD; Miles MA
1980 Tr Roy Soc Trop Med and Hyg 74 (2) 238-242 Wa
Trypanosoma cruzi, delimitation of zymodemes by numerical taxonomy
- Electrophoresis**
Rioux JA et al
1980 Compt Rend Acad Sc Paris 291 s D Sc Nat (8) Oct 27 701-703 Wa
Leishmania infantum identified from 2 human cases of oriental sore on basis of electrophoretic analysis of 8 isoenzymes: Pyrenees Orientales
- Electrophoresis**
Rudminaitis EA; Kontrimavichus VL
1981 Dokl Akad Nauk SSSR 258 (2) 511-512 Wa
Filicollis anatis from different hosts, differences in protein electrophoretic patterns, taxonomic implications
- Electrophoresis**
de Sa MFG et al
1980 J Protozool 27 (3) Aug 253-257 Issued Oct 9
Wa
Crithidia brasiliensis sp. n. from Zelus sp. (alimentary tract contents), isolation and cloning, growth pattern, morphology, biochemical analyses (isoenzyme pattern, histone pattern, cleavage of kDNA with restriction endonucleases): Brasilia, Distrito Federal, Brazil
- Electrophoresis**
Sanderson A; Walliker D; Molez JF
1981 Tr Roy Soc Trop Med and Hyg 75 (2) 263-267 Wa
Plasmodium falciparum, enzyme typing of freeze-dried and freshly cultured isolates from African and some other Old World countries
- Electrophoresis**
Sargeant PG et al
1980 Tr Roy Soc Trop Med and Hyg 74 (5) 653-656 Wa
Entamoeba histolytica and other intestinal amoebae isolated from hospital patients, identification by isoenzyme electrophoretic patterns, separation into groups which may indicate pathogenicity: Mexico City
- Electrophoresis**
Sargeant PG; Williams JE; Neal RA
1980 Tr Roy Soc Trop Med and Hyg 74 (4) 469-474 Wa
Entamoeba histolytica, 'Entamoeba histolytica-like' amoebae, E. moshkovskii, E. invadens, E. chattoni, grouping according to isoenzyme electrophoretic patterns, E. polecki is indistinguishable from E. histolytica
- Electrophoresis**
Schnur LF et al
1981 Ann Trop Med and Parasitol 75 (2) Apr 131-144 Wa
Leishmania strains isolated in Old and New World from human visceral cases, dogs, and wild animals thought to be reservoirs of human visceral leishmaniasis, biochemical and serological taxonomy (nuclear and kinetoplast DNA buoyant densities, excreted factor serotypes, and electrophoretic mobilities of enzymes), ability of L. tropica-like organisms to visceralize, non-L. tropica organisms considered as essentially being single complex that is widely distributed in world
- Electrophoresis**
Shirley MW; Rollinson D
1979 Symposia Brit Soc Parasitol 17 7-30 Wa
Eimeria spp., recognition and characterization of populations, review: established approaches (morphology, site and host specificity, pathogenicity, immunological specificity), new approaches (enzyme electrophoresis, genetic studies, DNA buoyant density analyses)
- Electrophoresis**
Southgate VR et al
1980 Ztschr Parasitenk 63 (3) 241-249 Wa
Schistosoma bovis isolate from Tanzania, egg morphology, snail infection experiments, enzyme types identified by isoelectric focusing, intraspecific variation

- Electrophoresis
Tait A
1980 Nature London (5782) 287 Oct 9 536-538 Wa
Trypanosoma brucei brucei, series of isolates screened for electrophoretic variation in 19 enzymes, strong evidence that trypanosomes are diploid and undergo random mating and recombination
- Electrophoresis
Tait A
1981 Molec and Biochem Parasitol 2 (3-4) Feb 205-218 Wa
Plasmodium falciparum, proteins of cultured isolates, labelling with [³⁵S]methionine, analysis of variation by two-dimensional gel electrophoresis, technique can be applied to strain typing of malaria parasites
- Electrophoresis
Thaithong S; Sueblinwong T; Beale GH
1981 Tr Roy Soc Trop Med and Hyg 75 (2) 268-270 Wa
Plasmodium falciparum, enzyme typing of some isolates from Thailand and Cambodia
- Electrophoresis
Tibayrenc M; Cariou ML; Solignac M
1981 Compt Rend Acad Sc Paris 292 s III Sc Vie (9) Mar 2 623-625 Wm
Trypanosoma cruzi (several strains), T. rangeli, Leishmania b. brasiliensis, analysis of enzyme variability, genetic interpretation of zymograms
- Electrophoresis
Visvesvara GS; Healy GR
1980 Tr Roy Soc Trop Med and Hyg 74 (3) 411-412 Wa
Naegleria fowleri, N. gruberi, differences in disc electrophoretic patterns of esterase isoenzymes
- Electrophoresis
Wang F; Yang G; Wang X
1980 Chinese Med J 93 (12) Dec 857-860 Wm
Disc electrophoretic studies of hookworms: Preliminary comparison of protein fraction in adult Necator americanus, Ancylostoma duodenale and Ancylostoma caninum, species differentiation
- Electrophoresis
Wright CA; Ross GC
1980 Tr Roy Soc Trop Med and Hyg 74 (3) 326-332 Wa
Schistosoma haematobium, S. mattheei, laboratory-bred hybrids, natural hybrids from human infections in Transvaal, biological features, identification by isoelectric focusing of enzymes, possible practical implications
- Electrophoresis
Zillmann U; Voelker J
1980 Tropenmed u Parasitol 31 (1) Mar 15-20 Wa
Paragonimus ecuadoriensis, species characterization by isoenzyme electrophoresis, comparison with P. africanus and P. uterobilateralis
- Elephantiasis [See also Lymphatic system]
- Elephantiasis
Carme B et al
1978 Bull Soc Path Exot 71 (6) Nov-Dec 465-471 Wa
Wuchereria bancrofti var. pacifica, humans with elephantiasis, biological aspects (microfilaremia, eosinophilia, immunoglobulins, specific antibodies in passive agglutination): French Polynesia
- Elephantiasis
Carme B; Gentilini M
1980 J Mal Vasc 5 (2) 100-104 Wm
Wuchereria bancrofti, Brugia malayi, human lymphoedema and elephantiasis due to filariasis, pathogenesis and clinical aspects
- Elephantiasis
Carme B; Laigret J
1978 Bull Soc Path Exot 71 (6) Nov-Dec 455-465 Wa
Wuchereria bancrofti var. pacifica, humans, elephantiasis and lymphatic involvement, incidence and localization (surveyed according to sex), some epidemiological factors: French Polynesia
- Elephantiasis
Carme B; Laigret J; Gentilini M
1980 Ann Soc Belge Med Trop 60 (1) Mar 33-45 Wa
Wuchereria bancrofti var. pacifica, population of French Polynesia, incidence of elephantiasis and microfilaraemia, survey 1975-1976, findings compared with those of surveys prior to start of antifilarial control program
- Elephantiasis
Ewert A; Reitmeyer JC; Folse D
1980 Southeast Asian J Trop Med and Pub Health 11 (1) Mar 32-39 Wa
Brugia malayi, cats, repeated infection with exposure to opportunistic streptococcus enhances production and persistence of edematous and fibrotic tissues surrounding affected lymphatics
- Elephantiasis
Sordillo EM et al
1981 J Dermat Surg and Oncol 7 (3) Mar 235-239 Wm
lymphangiosarcoma arising in a chronic lymphoedema of filarial origin, man, case report, had been treated 20 years previously in Ghana for filariasis: New York
- Elevation See Altitude
- Embryology [See also Development]
- Embryology
Ansari MZ; Singh KS
1981 Indian J Animal Sc 51 (4) Apr 459-465 Wa
Gaigeria pachyscelis, goats, sheep, monthly incidence and intensity of infection, effect of temperature and relative humidity on embryonic development and hatching of eggs and on formation of pre-parasitic larval stages: abattoir of Bareilly, India

Embryology

- Chauhan PPS; Pande BP
1981 Indian J Animal Sc 51 (4) Apr 439-445 Wa
Neoscaris vitulorum, bubaline and bovine strains, embryonic development of eggs up to infective stage, morphology of first- and second-stage larvae

Embryology

- Ho Y; Yang H
1979 Tung Wu Hsueh Pao (Acta Zool Sinica) 25 (4) Dec 304-310 Wa
Schistosoma japonicum, embryonic development, histology and histochemistry, nature of in vivo circumoval precipitates

Embryology

- Levenbook L; Boctor FN; Fales HM
1980 J Insect Physiol 26 (6) 381-383 Wa
Dermacentor andersoni, free sugars in eggs, embryos, and adult haemolymph

Embryology

- Loehr KA; Mead RW
1980 J Parasitol 66 (5) Oct 792-796 Wa
Hymenolepis citelli, changes in embryonic cell frequencies in germinative and immature regions, correlation with changes in wet weight (growth rate) and developmental stages

Embryology

- Petit G
1981 Ann Parasitol 56 (1) 81-93 Wa
Dipetalonema dessetae, role of R₁ cell in elaboration of musculature of adult filaria, ultrastructural analysis

Embryology

- Siuda K
1981 Folia Biol Warszawa 29 (1) 9-39 Wa
Argas polonicus, effect of temperature and relative humidity on embryonic development and egg hatch, laboratory study

Embryology

- Thornton DP; Brust RA
1979 Canad J Zool 57(8) Aug 1710-1712 Wa
Romanomermis communensis, embryonic development at different temperatures

Encephalitis [See also Encephalomyelitis; Meningoencephalitis]

Encephalitis

- Conley FK; Jenkins KA
1981 Infect and Immun 31 (3) Mar 1184-1192 Wa
Toxoplasma gondii, immunohistological study of anatomic relationship of parasite antigens to inflammatory response in brains of chronically infected mice, use of peroxidase-antiperoxidase staining technique

Encephalitis

- Martinez AJ et al
1980 Acta Neuropath Berlin 49 (1) Jan 7-12 Wm
free-living amoeba (possibly Vahlkampfia other than V. avara) causing granulomatous encephalitis, intracranial arteritis, and mycotic aneurysm, 26-month-old child, clinical case review, had waded in Nachez River, Texas

Encephalitis

- Martinez AJ et al
1980 Acta Neuropath Berlin 51 (2) 85-91 Wm
Acanthamoeba sp. causing granulomatous amebic encephalitis, humans, presentation of cerebral mass lesions, clinical and brain biopsy or autopsy findings in 6 cases, emphasis on differential diagnosis

Encephalitis

- Richardson JA et al
1980 Avian Dis 24 (2) Apr-June 498-503 Wa
Baylisascaris procyonis in chickens (brain), verminous encephalitis, case report, treated with piperazine; worm eggs isolated from feces of Procyon lotor living in straw mow where litter for chickens was stored

Encephalitis

- Robinson RO; Baumann RJ
1980 Arch Dis Childhood 55 (3) Mar 231-232 Wa
Toxoplasma, reactivation of congenital cerebral infection in 9-year-old girl, resulting encephalitis and chorioretinitis, condition resolved after pyrimethamine and sulphadiazine therapy: Kentucky

Encephalitis

- Srinivas HV; Rao TV; Deshpande DH
1980 Clin Neurol and Neurosurg 82 (3) 187-197 Wm
Cysticercus cellulosae causing a rare encephalitic form of cerebral cysticercosis, humans, pathology and pathogenesis, case reports

Encephalitis

- Wobeser G; Schuh JCL
1979 J Wildlife Dis 15 (3) July 413-417 Wa
Microsporidia similar to Encephalitozoon cuniculi in captive Ondatra zibethica (brain), granulomatous encephalitis

Encephalomyelitis [See also Encephalitis; Meningoencephalitis]

Encephalomyelitis

- Clark EG; Townsend HGG; McKenzie NT
1981 Canad Vet J 22 (5) May 140-144 Wa
Toxoplasma-like organism, horses, myeloencephalitis, report of two cases: Saskatchewan, Canada

Encephalomyelitis

- Simpson CF; Mayhew IG
1980 J Protozool 27 (3) Aug 288-292 Issued Oct 9 Wa
Sarcocystis sp. tentatively identified in horses (extracellular spaces or cells of spinal cords, brain), ultrastructure, may be etiologic agent of equine protozoal myeloencephalitis, presence of parasites in cytoplasm of tissue and circulating neutrophils suggests hematogenous phase of infection: Florida

Encystment See Cysts

Endocrines See Glands; Hormones

Endocytosis [See also Invasion mechanisms; Phagocytosis; Pinocytosis]

Endocytosis

Aikawa M

1980 Ohio State Univ Biosc Colloq (5) 31-46 Wa;
Wa

Plasmodium, host cell invasion, review: recognition and initial attachment, invagination of host plasmalemma, sealing of host cell membrane, alteration of host cell membrane

Endocytosis

Bos HJ

1979 Acta Leidensia 47 23-35 Wa

Entamoeba histolytica, review of some characteristics of plasma membrane that are possibly related to parasite's pathogenicity: distribution of membrane intercalated particles and concanavalin A induced agglutination; endocytosis; surface charge; contact lysis and intracellular toxins; lectin-activity of amoebic extracts

Endocytosis

Fairlamb AH; Bowman TBR

1980 Exper Parasitol 49 (3) June 366-380 Wa

Trypanosoma brucei, maintenance of concentrated suspensions of bloodstream trypomastigotes in vitro using continuous dialysis in order to measure endocytosis under controlled conditions, kinetics and mechanism of uptake of polyvinylpyrrolidone

Endocytosis

Gothé R; Burkhardt E

1979 Ztschr Parasitenk 60 (3) 221-227 Wa

Aegyptianella pullorum, erythrocytic entry- and exit-mechanisms, scanning and transmission electron microscopy

Endocytosis

Jones TC

1981 Am J Path 102 (1) Jan 127-132 Wa

obligate intracellular protozoa, interactions with murine macrophages, symposium presentation: protozoal entry mechanisms and phagolysosomal system; protozoal intracellular survival and effects on macrophage function; macrophage antigen processing and genetics of immune response (includes mention of immunosuppression); lymphokine-induced microbicidal and microbistatic changes

Endocytosis

Martinucci G; Crespi P

1979 Boll Zool 46 (1-2) 23-39 Wa

Apolocystis sp. trophozoite in Octolasion transpadanum, light and transmission electron microscopy, life cycle, locomotion, endocytosis; role of ultrastructure in monocystid diagnosis

Endocytosis

Steiger RF; Opperdoes FR; Bontemps J

1980 European J Biochem 105 (1) Mar 17 163-175 Wa

Trypanosoma brucei bloodstream forms, subcellular fractionation with reference to enzymes as potential markers representative of different subcellular components with special emphasis on digestive system in order to provide baseline for evaluation of endocytotic and digestive capacity

Enteritis [See also Intestine]

Enteritis

Corachan M; Oomen HAPC; Sutorius FJM

1981 Tr Roy Soc Trop Med and Hyg 75 (3) 385-388 Wa

parasitic duodenitis, human, clinical signs, radiology, parasitology, histopathology

Enteritis

Eustis SL; Nelson DT

1981 Vet Path 18 (1) Jan 21-28 Wa

coccidia and their interaction with other pathogens, nursing piglets, enteritis, diarrhea

Enteritis

Poelvoorde J; Berghen P

1981 Research Vet Sc 31 (1) July 10-13 Wa

Oesophagostomum dentatum, repeated daily mass infection in pigs fed limited ration, severe diarrhoea and anorexia, average body-weights, blood and plasma analyses, histopathology of ileum, colon, and caecum, number of larvae in incubated and digested tissue and total number of larvae in intestinal lumen

Enteritis

Tzipori S et al

1980 Infect and Immun 30 (3) Dec 884-886 Wa

Cryptosporidium (isolated from calves with diarrhea) infected (with or without causing enteritis) 7 different species of animals, other isolates (from calves, lamb, adult human) also showed similar lack of host specificity, indirect evidence that cryptosporidiosis should be regarded as potential zoonosis, strong evidence to suggest that Cryptosporidium is single-species genus

Environment See Ecology

Enzyme inhibitors

Homandberg GA; Minor ST; Peanasky RJ

1980 Biochim et Biophys Acta 612 (2) Apr 11 384-394 Wa

modification of carboxypeptidase A active site residue Glu-270 prevents interaction with protein protease inhibitor from Ascaris lumbricoides var. suum

Enzyme inhibitors

Juhász S

1980 Magy Allat Lapja 102 35 (8) Aug 548-549 Wa

Ligula intestinalis, trypsin and chymotrypsin inhibiting activity demonstrated

Enzyme inhibitors

Juhász S; Kassai T

1981 Molec and Biochem Parasitol 3 (2) June 83-90 Wa

Nippostrongylus brasiliensis, somatic extracts contain protease inhibitor(s) capable of inhibiting activity of trypsin and chymotrypsin, partial purification and characterization

Enzyme inhibitors

Juhász S; Matskasi I

1980 Magy Allat Lapja 102 35 (9) Sept 604-605 Wa

Ascaris suum, in vitro, inhibiting effect on trypsin chymotrypsin activity of the maintenance medium

Enzyme inhibitors

- Juhasz S; Nemeth I
1980 Magy Allat Lapja 102 35 (9) Sept
602-603 Wa
Ascaris suum, in vitro release of trypsin
and chymotrypsin inhibitors through tegument

Enzyme inhibitors

- Matskasi I; Nemeth I
1980 Magy Allat Lapja 102 35 (8) Aug 550-
552 Wa
Ligula intestinalis plerocercoids, character-
ization of proteolytic and protease inhibitor
activities

Enzyme inhibitors

- Nemeth I; Juhasz S
1980 Parasitology 80 (3) June 433-446 Wa
Taenia pisiformis, trypsin and chymotrypsin in-
hibitor from metacestodes

Enzyme inhibitors

- Nemeth I; Juhasz S
1981 Internat J Parasitol 11 (2) Apr 137-144 Wa
Taenia pisiformis, properties of trypsin and
chymotrypsin inhibitor secreted by metacestodes

Enzyme inhibitors

- Schroeder LL; Pappas PW
1980 J Parasitol 66 (1) Feb 49-52 Wa
Hymenolepis diminuta, trypsin was adsorbed by
intact worms but process of adsorption appar-
ently did not play any role in trypsin inacti-
vation

Enzyme inhibitors

- Schroeder LL; Pappas PW; Means GE
1981 J Parasitol 67 (3) June 378-385 Wa
Hymenolepis diminuta, trypsin inactivation by
intact worms, some characteristics of inacti-
vated enzyme

Enzyme inhibitors

- Willadsen P; Riding GA
1980 Biochem J 189 (2) Aug 1 295-303 Wm
Boophilus microplus, proteolytic-enzyme
inhibitor, variations in concentration
throughout life cycle, effect on isolated
enzymes, on blood coagulation, on haemolytic
complement, and on lymphocyte transformation

Enzyme-linked immunosorbent assay See Immunity,
Enzyme labelling

Enzymes [See also Biochemistry; Metabolism]

Enzymes

- Kipnis TL et al
1981 Proc National Acad Sc 78 (1) Jan 602-605
Wa
Trypanosoma cruzi, enzymatic treatment trans-
forms trypomastigotes into activators of al-
ternative complement pathway and potentiates
their uptake by macrophages (but without im-
pairing intracellular survival)

Enzymes

- Senft AW; Goldberg MW; Byram JE
1981 Am J Trop Med and Hyg 30 (1 pt 1) Jan
96-101 Wa
Schistosoma mansoni-infected mice, acid-active
hemoglobinolytic enzyme in serum, source of
enzyme not unequivocally proven but present
evidence suggests it is of worm origin

Enzymes

- Stahr BJ; Walzer PD; Yoneda K
1981 J Parasitol 67 (2) Apr 196-203 Wa
Pneumocystis carinii, effects of trypsin vs.
pronase on morphology and antigenic properties
of cyst form, light and transmission electron
microscopy, immunofluorescence, data suggest
that antigenic determinants of cysts reside in
cell walls

Enzymes, Host

- Abdulazizov AI
1980 Med Parazitol i Parazitarn Bolezni 49 (4)
July-Aug 69-72 Wa
Trichocephalus muris, white mice (exper.),
hydrolytic enzymes in mouse organs before and
after treatment with dipheyl

Enzymes, Host

- Akinkugbe FM
1980 Ann Trop Med and Parasitol 74 (6) Dec 625-
633 Wa
anemia in children, prevalence, causal factors
including malaria, effect of hemoglobin geno-
type and glucose-6-phosphate dehydrogenase
deficiency: Ilora, Nigeria

Enzymes, Host

- Al-Saffar NR; Al-Mudhaffer SA
1979 Indian J Med Research 70 Oct 598-608 Wa
kala-azar, patients, activity of lactate de-
hydrogenase and other serum enzymes, kinetic
study: Iraq

Enzymes, Host

- Anderson PH et al
1981 Research Vet Sc 31 (1) July 1-4 Wa
evaluation of plasma enzyme activities, some
other blood components and bromsulphthalein
clearance rates as indicators of liver disease
in cattle following carbon tetrachloride poi-
soning and experimental fascioliasis

Enzymes, Host

- Areekul S et al
1980 Southeast Asian J Trop Med and Pub Health
11 (4) Dec 498-501 Wa
Plasmodium falciparum, patients with acute in-
fection had significantly lower serum cholin-
esterase activity than normal persons, sug-
gests impairment of hepatic activities

Enzymes, Host

- Auriault C et al
1981 Cellular Immunol 62 (1) July 15 15-27 Wa
Schistosoma mansoni, interaction between mac-
rophages and schistosomula: role of nonspe-
cific IgG peptides or aggregates on modulation
of beta-glucuronidase release and cytotoxicity
against schistosomula, parasite proteolytic
enzymes responsible for presence of inhibitory
IgG peptides

Enzymes, Host

- Banna HBM
1980 Histochem J 12 (2) Mar 139-144 Wa
frescon-treated and untreated Bulinus trun-
catus, histochemistry of 5 dehydrogenases

Enzymes, Host

- Banna HBM
1980 Histochem J 12 (2) Mar 145-152 Wa
frescon-treated and untreated Bulinus trun-
catus, histochemistry of 6 hydrolases

- Enzymes, Host
 Banyal HS; Pandey VC; Dutta GP
 1981 Indian J Med Research 73 Suppl Jan 55-62
 Wa
 Plasmodium knowlesi, acid proteinase, phosphatase, ribonuclease, and deoxyribonuclease of merozoites compared with those of other erythrocytic stages and those of normal and infected erythrocytes
- Enzymes, Host
 Bernstein SC et al
 1980 Human Hered 30 (4) 251-258 Wm
 Plasmodium falciparum, human, malaria appears to be selective pressure keeping hemoglobin S frequencies high but may not be major selective force maintaining glucose-6-phosphate dehydrogenase polymorphism: Cameroon
- Enzymes, Host
 Bienzle U; Guggenmoos-Holzmann I
 1979 Immun u Infekt 7 (6) Dec 196-201 Wm
 malaria, significance of hereditary red cell traits HbS and G6PD-deficiency in innate resistance
- Enzymes, Host
 Bienzle U; Guggenmoos-Holzmann I; Luzzatto L
 1981 Internat J Epidemiol 10 (1) Mar 9-15 Wm
 malaria in children (mostly Plasmodium falciparum) living in holoendemic malaria region, clinical parameters such as parasitaemia and degree of anaemia examined with respect to sex, age, haemoglobin types, and erythrocyte glucose-6-phosphate dehydrogenase variants: West Africa
- Enzymes, Host
 Boczon K et al
 1981 Tropenmed u Parasitol 32 (2) June 109-114
 Wa
 Trichinella spiralis, human, diagnosis, evaluation of enzymatic and immunological tests (activity of LDH and its isozymic fractions; indirect immunofluorescence test; latex agglutination test; bentonite flocculation test)
- Enzymes, Host
 Boid R; Mahmoud MM; Gray AR
 1980 Research Vet Sc 28 (3) May 336-340 Wa
 Trypanosoma evansi, camels (exper.), changes in serum enzyme levels
- Enzymes, Host
 Cha YN et al
 1980 Am J Trop Med and Hyg 29 (2) Mar 234-238
 Wa
 Schistosoma mansoni-infected athymic nude mice vs. normal heterozygotes, activities of several hepatic drug-metabolizing enzymes, severe reductions of hepatic drug-metabolizing capacity occur only in mice that are immunologically competent and are dependent on host's response to parasite eggs
- Enzymes, Host
 Cha YN; Heine HS; Bueding E
 1980 Am J Trop Med and Hyg 29 (2) Mar 227-233
 Wa
 Schistosoma mansoni, unisexual infections of mice, accumulation of schistosome pigment without egg deposition does not result in severe reduction of hepatic drug-metabolizing enzyme activities
- Enzymes, Host
 Cheng TC; Butler MS
 1979 J Invert Path 34 (2) Sept 119-124 Wa
 experimentally induced elevations in acid phosphatase activity in hemolymph of Biomphalaria glabrata
- Enzymes, Host
 Chiriboga J; de Leon D; Rodriguez-Frias J
 1980 J Agric Univ Puerto Rico 64 (1) Jan 93-106
 Wa
 Fasciola hepatica, dairy cattle, infection rate, host age, seasonal distribution, snail surveillance, serum glutamic oxalacetic transaminase levels, transmission not year around, no effective control: Puerto Rico
- Enzymes, Host
 Cook RW; Trapp AL; Williams JF
 1981 J Comp Path 91 (2) Apr 219-226 Wa
 Taenia taeniaeformis, rats (exper.), histopathology in liver, lymph nodes and thymus, serum enzyme activities
- Enzymes, Host
 Datta DV et al
 1978 Indian J Med Research 68 Sept 485-488 Wa
 amoebic hepatic abscess, humans with and without jaundice, no significant alterations of bilirubin UDP-glucuronyl transferase
- Enzymes, Host
 Doenhoff MJ et al
 1981 Tr Roy Soc Trop Med and Hyg 75 (1) 41-53
 Wa
 Schistosoma mansoni, immunological control of hepatotoxicity and parasite egg excretion, stage specificity of therapeutic effect of immune serum in heavily infected T-cell deprived mice, protection assessed both by recipients' serum transaminase concentrations and degree of cytoplasmic microvesicular damage in livers
- Enzymes, Host
 El-On J; Bradley DJ; Freeman JC
 1980 Exper Parasitol 49 (2) Apr 167-174 Wa
 Leishmania donovani, action of excreted factor on hydrolytic enzyme activity of macrophages from mice with genetically different resistance to infection, implications for mechanism whereby leishmanial amastigotes survive in mononuclear phagocytes in presence of lysosomal enzymes
- Enzymes, Host
 Ermatova DU; Klepach RA
 1977 Uzbek Biol Zhurnal (6) 31-32 Wa
 Eimeria mitis-infected chickens, amylase activity of intestinal mucosa
- Enzymes, Host
 Farag HF et al
 1978 J Egypt Med Ass 61 (3-4) 285-298 Wm
 Schistosoma mansoni, hyperinfected mice, histopathological and enzyme histochemical changes in various organs during prepatent period
- Enzymes, Host
 Farag HF et al
 1980 Ang Parasitol 21 (1) Feb 20-26 Wa
 Schistosoma haematobium, Swiss albino mice, histopathological and enzymatic changes in various organs

- Enzymes, Host
 Ferrante FM; Pike EH
 1980 Tr Roy Soc Trop Med and Hyg 74 (6) 795-797
 Wa
 Schistosoma mansoni-infected mice, malate dehydrogenase isoenzymes of liver and plasma
- Enzymes, Host
 Foreyt WJ; Todd AC
 1979 J Wildlife Dis 15 (1) Jan 83-89 Wa
 Fascioloides magna in Odocoileus virginianus (exper.), hematologic and biochemical values, weight gains
- Enzymes, Host
 Forsum E; Nesheim MC; Crompton DWT
 1981 Parasitology 83 (3) Dec 497-512 Wa
 Ascaris suum, young pigs receiving diets low in protein, effects of infection on growth, food intake, nitrogen and fat utilization, intestinal disaccharidase activity, lactose tolerance, and weight of intestinal tract
- Enzymes, Host
 Garcia ES; Gilliam FC
 1980 J Parasitol 66 (6) Dec 1052-1053 Issued May 6 1981 Wa
 Trypanosoma cruzi, parasite development does not depend on activity of Rhodnius prolixus gut proteinase
- Enzymes, Host
 Gass RF
 1977 Acta Trop 34 (2) June 127-140 Wa
 Plasmodium gallinaceum in Aedes aegypti given 2 consecutive blood meals, oocyst production inhibited or enhanced depending on timing of blood meals, results explained by action of host trypsin-like proteases on parasites, plasmodia 0-10 hours after blood meal are more sensitive to enzymes than later stages of parasite, suggests developmental adaptation of parasite to host's digestive processes
- Enzymes, Host
 Gass RF; Yeates RA
 1979 Acta Trop 36 (3) Sept 243-252 Wa
 Plasmodium gallinaceum, in vitro damage of cultured ookinetes by digestive proteinases from susceptible Aedes aegypti
- Enzymes, Host
 Gero AM et al
 1981 Austral J Exper Biol and Med Sc 59 (4) Aug 477-490 Wa
 Plasmodium berghei, comparison of dihydroorotate dehydrogenase from parasite vs. from mouse reticulocyte, differences could provide rational basis for development of chemotherapeutic agents active against parasite
- Enzymes, Host
 Ghareeb AM et al
 1975 Ain Shams Med J 26 (1) Jan 81-89 Wm
 Schistosoma mansoni, hormonal and enzyme changes occurring with hepatosplenic involvement, possible effects on host growth and development, golden hamster used as exper. model for human infections
- Enzymes, Host
 Ghareeb AM et al
 1979 Ain Shams Med J 30 (1-2) Jan-Mar 59-64 Wm
 Schistosoma mansoni-infected mice vs. normal mice, changes in liver and brain enzyme activity and blood urea levels
- Enzymes, Host
 Gillet J et al
 1978 Ann Soc Belge Med Trop 58 (2) June 89-93
 Wa
 Plasmodium berghei, resistance of fetal mice to congenital infections is not due to decreased levels of adenosine triphosphate in their erythrocytes
- Enzymes, Host
 Gloria-Bottini F
 1980 Experientia 36 (5) May 15 541-543 Wa
 relations between G-6-PD deficiency, thalassemia, and malaria: Sardinia; Po Valley
- Enzymes, Host
 Goldstein SM; Izaki S; Epstein WL
 1979 Thromb Research 16 (5-6) 727-735 Wm
 schistosomiasis-infected mice, inhibition of plasminogen activator associated with chronic granulomatous inflammation
- Enzymes, Host
 Goulson HT; Ottolenghi A; Larsh JE jr
 1981 Am J Trop Med and Hyg 30 (2) Mar 350-357
 Wa
 Strongyloides ratti, nonsensitized and sensitized rats after challenge, phospholipase B activity of intestines and lungs, number of eosinophils in bone marrow and peripheral blood, association between marrow eosinopoiesis and phospholipase B elevations is similar to that reported for other parasite models
- Enzymes, Host
 Goven AJ; Moore GW
 1980 Ztschr Parasitenk 61 (3) 265-269 Wa
 Trichinella spiralis, congenitally athymic (nude) mice (exper.), absence of increased bone marrow eosinophilia or elevation in intestinal phospholipase B activity
- Enzymes, Host
 Guggenmoos-Holzmann I; Bienzle U; Luzzatto L
 1981 Internat J Epidemiol 10 (1) Mar 16-22 Wm
 Plasmodium falciparum, children under age 6, incidence and severity of infection with respect to haemoglobin types and red cell glucose-6-phosphate dehydrogenase variants, results suggest that the presence of these genetic traits offers selective advantage against infections, possible mechanisms discussed
- Enzymes, Host
 Gupta S; Chandra S; Saxena KC
 1980 Molec and Biochem Parasitol 1 (6) Oct 357-362 Wa
 Plasmodium berghei, changes in lysosomal enzymes of peritoneal exudate cells in 2 experimental hosts, increased activities in albino rats (relatively resistant host), decreased activities in Mastomys natalensis (which succumbs to infection)
- Enzymes, Host
 Gustowska L; Pawlowski Z
 1981 Vet Parasitol 8 (3) July 211-218 Wa
 Taenia saginata, cattle, sheep, goats, histo-enzymatic reactions in cysticerci and in host tissues around cysticerci, histopathological changes, effect of treatment with mebendazole or praziquantel on host reaction
- Enzymes, Host
 Hammouda NA et al
 1978 J Egypt Med Ass 61 (5-6) 411-425 Wm
 Schistosoma mansoni-infected mice, pathologic and enzymatic changes before and after administration of various schistosomicides

Enzymes, Host

Hara A; Fukuyama K; Epstein WL
1981 *Exper and Molecular Path* 35 (2) Oct 199-210
Wa
Schistosoma mansoni-infected mice, angiotensin-converting enzyme and other enzymes in serum and in granulomatous and nongranulomatous regions of liver

Enzymes, Host

Haroun EM; Hammond JA; Sewell MMH
1980 *Research Vet Sc* 28 (3) May 377-379 Wa
Fasciola hepatica, immature and mature infections stimulating resistance in rats but not rabbits, host differences (flake numbers following challenge, peripheral eosinophil counts, serum glutamic dehydrogenase levels, response to enzyme-linked immunosorbent assays)

Enzymes, Host

Hempelmann E; Dluzewski AR
1981 *Tropenmed u Parasitol* 32 (1) Mar 48-50 Wa
Plasmodium falciparum, fate of parasites in erythrocytes which have been treated with physostigmine (an acetylcholinesterase inhibitor)

Enzymes, Host

Hempelmann E; Wilson RJM
1980 *Parasitology* 80 (2) Apr 323-330 Wa
Plasmodium knowlesi, rhesus monkeys, demonstration and differentiation of electrophoretically-separated host cell and parasite acid endopeptidase activities with imprint-digest method

Enzymes, Host

Hempelmann E; Wilson RJM
1981 *Molec and Biochem Parasitol* 2 (3-4) Feb 197-204 Wa
Plasmodium spp., glucose-6-phosphate dehydrogenase, separate host cell and parasite enzyme activity demonstrated with P. knowlesi and P. falciparum but not with P. chabaudi, possible implications for protective effect of glucose-6-phosphate dehydrogenase deficiency

Enzymes, Host

Hussain MM; Mohan Rao VK
1979 *Indian J Exper Biol* 17 (8) Aug 779-781 Wm
Hartmannella culbertsoni, mice, experimental meningoencephalitis, effect on aminotransferase levels in brain, effect of amoebicidal drug treatment on these levels

Enzymes, Host

Hutchinson GW
1981 *Research Vet Sc* 30 (2) Mar 175-180 Wa
Stephanurus dentatus, pigs (exper.), prepatent infection, haematological parameters and liver-specific serum enzymes, effect of treatment with flubendazole, levamisole, and disophenol, liver damage is insufficiently traumatic to release sufficient enzymes into serum to be pathognomonic or to assess anthelmintic efficacy

Enzymes, Host

Jong EC; Mahmoud AAF; Klebanoff SJ
1981 *J Immunol* 126 (2) Feb 468-471 Wm
Schistosoma mansoni, guinea pig eosinophil peroxidase or canine neutrophil peroxidase are capable of killing schistosomula in vitro when combined with hydrogen peroxide and a halide

Enzymes, Host

Juhasz S
1980 *Magy Allat Lapja* 102 35 (4) Apr 271-272 Wa
Ascaris suum intestinal contents, effect on host digestive enzymes

Enzymes, Host

Khatoon H; Ansari JA
1980 *Indian Vet J* 57 (2) Feb 110-113 Wa
Setaria cervi, white rats (exper.), changes in serum transaminase levels

Enzymes, Host

Khoo KK
1981 *Ann Trop Med and Parasitol* 75 (6) Dec 591-595 Wa
Plasmodium falciparum, P. vivax, treatment in glucose-6-phosphate dehydrogenase deficient patients with chloroquine, chloroquine and primaquine, or sulfadoxine-pyrimethamine, hemolysis occurred in primaquine group, chloroquine resistance common in P. falciparum infections; Sabah, Malaysia

Enzymes, Host

Koenigk E et al
1981 *Tropenmed u Parasitol* 32 (2) June 73-76 Wa
Plasmodium chabaudi, membrane-bound enzymes of infected erythrocytes, effects of chloroquine, mefloquine, primaquine, and floxacrine with particular reference to inhibition of ornithine decarboxylase activity

Enzymes, Host

Koudela B; Schanzel H
1980 *Acta Vet Brno* 49 (1-2) Mar-June 85-89 Wa
Trichinella spiralis, guinea pigs (exper.), activity of lactate dehydrogenase

Enzymes, Host

Kruckeberg WC; Sander BJ; Sullivan DC
1981 *Exper Parasitol* 51 (3) June 438-443 Wa
Plasmodium berghei-infected and normal mouse erythrocytes, glycolytic enzyme activities, data also for uninfected mice with induced reticulocytosis

Enzymes, Host

Lal AA; Garg NK
1981 *Indian J Biochem and Biophys* 18 (1) Feb 63-64 Wa
Hartmannella culbertsoni, meningoencephalitic mice, lactate dehydrogenase isoenzyme profile in brain

Enzymes, Host

Lal DM; Hussain QZ
1978 *Indian J Med Research* 67 Mar 362-366 Wa
Plasmodium berghei-infected albino mice, changes in transaminase activity in plasma and liver

Enzymes, Host

Lempereur C; Capron M; Capron A
1980 *J Immunol Methods* 33 (3) Apr 10 249-260 Wm
[Schistosoma] mansoni, identification and measurement of rat eosinophil phospholipase D, its activity on schistosomula phospholipids

Enzymes, Host

Lowe-Jinde L
1980 *J Fish Biol* 17 (1) July 23-30 Wa
Cryptobia salmostica-infected Salmo gairdneri (exper.), changes in size, glycogen content of certain vital organs and blood lactic acid and dehydrogenase levels

Enzymes, Host

Mahoney DF; Wright IG; Goodger BV
1980 *Ztschr Parasitenk* 62 (1) 39-45 Wa
Babesia bovis, changes in haemolytic activity of serum complement during acute infection of susceptible and immunized Bos taurus (exper.), activity of alternative pathways, effect of kinin inhibition

- Enzymes, Host
Maines MD; Senft AW
1981 Am J Trop Med and Hyg 30 (5) Sept 1010-1019 Wa
Schistosoma mansoni-infected mice, hepatic heme biosynthesis and degradation, hepatic hemoprotein content and mixed-function oxidase activities, mechanism of heme degradation, hemoprotein content of heart, serum and urinary iron levels
- Enzymes, Host
Melrose TR; Walker AR; Brown CGD
1981 Trop Animal Health and Prod 13 (2) May 70-78 Wa
Theileria, identification of infections in salivary glands of vector ticks using isoenzyme electrophoresis, clear separation of parasite enzyme from tick salivary gland enzyme, differentiation of isoenzymes between parasite species and strains
- Enzymes, Host
Mohn G; Philipp EM
1981 Lab Animals 15 (2) Apr 89-95 Wa
Syphacia muris, effects of infection and of fenbendazole on microsomal monooxygenase system in mouse liver
- Enzymes, Host
Narayanan R; Venkateswararao P
1980 J Invert Path 36 (1) July 21-24 Wa
Prosthogonimus sp. infection of Lymnaea luteola, effect on host oxidation of glycolytic and Krebs cycle intermediates
- Enzymes, Host
Narayanan R; Venkateswara Rao P
1981 J Parasitol 67 (1) Feb 31-34 Wa
Prosthogonimus sp. xiphidiocercariae, effect of infection on activities of glycolytic and oxidative enzymes in Lymnaea luteola
- Enzymes, Host
Ngwenya BZ
1980 Parasitology 81 (1) Aug 17-26 Wa
Nippostrongylus brasiliensis- or Trichinella spiralis-infected lactating vs. nulliparous mice, depressed lysophospholipase B levels in intestine, reduced numbers of bone-marrow eosinophils, relation to worm expulsion
- Enzymes, Host
Olds GR et al
1980 J Exper Med 151 (6) June 1 1557-1562 Wa
Schistosoma mansoni, role of arginase as mediator of increased schistosomula killing by activated macrophages
- Enzymes, Host
Ottolenghi A; Larsh JE jr; Weatherly NF
1980 Am J Trop Med and Hyg 29 (3) May 393-400 Wa
Trichinella spiralis-, Hymenolepis nana-, or Schistosoma mansoni-infected mice, phospholipase B levels in fecal pellets, rise, time course, and decline correlate with known patterns of intestinal injury and reaction due to parasites or their eggs, drug treatment prevents rise or causes decline in levels, simple method for following course of infection and its response to treatment
- Enzymes, Host
Ottolenghi A; Weatherly NF; Larsh JE jr
1980 Infect and Immun 29 (2) Aug 799-807 Wa
Angiostrongylus cantonensis, nonsensitized and sensitized rats, phospholipase B in brains and meninges after challenge, association with eosinophils
- Enzymes, Host
Pappas PW
1980 Ohio State Univ Biosc Colloq (5) 145-172 Wm; Wa
enzyme interactions at host-parasite interface, review
- Enzymes, Host
Pathak KML; Gaur SNS
1981 Vet Parasitol 8 (1) Feb 95-97 Wa
Cysticercus tenuicollis (Taenia hydatigena), goats (exper.), serum levels of GOT, GPT, and OCT enzymes, possible diagnostic significance
- Enzymes, Host
Premvati G
1980 Ann Trop Med and Parasitol 74 (2) Apr 257-258 Wa
Leishmania donovani-infected B10.LP-a mice, serum alkaline phosphatase (ALP) activity, results suggest that raised levels of ALP may form basis of useful screening test for human kala-azar
- Enzymes, Host
Przyjalkowski Z; Golinska Z; Bany J
1980 Bull Acad Polon Sc Cl II s Sc Biol 28 (1-2) 71-74 Wa
Trichinella spiralis, lysozyme activity in course of experimental infection in germfree and conventional mice treated with cyclophosphamide
- Enzymes, Host
Rajasekariah GR; Howell MJ
1980 Research Vet Sc 29 (1) July 124-125 Wa
Fasciola hepatica, rats, assay of glutamate dehydrogenase as measure of liver damage and hence of resistance to challenge infection
- Enzymes, Host
Reynolds CH
1980 Comp Biochem and Physiol 65B (3) 481-487 Wa
Hymenolepis diminuta, phosphoenolpyruvate carboxylkinases from rat-liver and from tapeworm, comparison with respect to metal-ion activation, nucleotide specificity, kinetic parameters, and inhibition
- Enzymes, Host
Rollinson D; Southgate VR
1979 Tr Roy Soc Trop Med and Hyg 73 (6) 667-672 Wa
enzyme analyses of Bulinus africanus group snails for species differentiation, no correlation between snail enzyme type and susceptibility to Schistosoma spp., parasites within snail digestive glands contributed to final enzyme pattern: Tanzania
- Enzymes, Host
Rouzer CA; Cerami A
1980 Molec and Biochem Parasitol 2 (1) Oct 31-38 Wa
Trypanosoma brucei brucei-infected rabbits, hypertriglyceridemia, no significant differences in triglyceride production compared to controls but marked slowing of triglyceride removal, decreased lipase activity

Enzymes, Host

Sanchez Rasero F; Lopez Gorge J; Monteoliva M
1970 Rev Iber Parasitol 30 (2-3) Apr-Sept
271-282 Wa
enzymatic activity in healthy and parasitized
cattle, sheep, pigs, and goats

Enzymes, Host

Sandeman RM; Howell MJ
1980 Vet Parasitol 6 (4) Mar 347-357 Wa
Fasciola hepatica, excysted metacercariae
cultured in serum taken from sheep weekly for
20 weeks following infection, formation of
precipitate on tegument and in surrounding
medium, comparison of amount of precipitate
formed with levels of liver and bile duct en-
zymes in serum

Enzymes, Host

Sandeman RM; Howell MJ
1981 Research Vet Sc 30 (3) May 294-297 Wa
Fasciola hepatica, sheep, primary and challenge
infections, serum enzyme and precipitating an-
tibody levels, worm recoveries, no resistance
to challenge, apparent suppression of antibody
response during challenge infection; recoveries
of adult flukes from rats injected with meta-
cercariae cultured in serum from normal and in-
fected sheep or with freshly excysted metacer-
cariae

Enzymes, Host

Schmidt SP; Platzer EG
1980 J Invert Path 36 (2) Sept 149-158 Wa
Romanomeris culicivora, protein patterns and
protease activities in parasite homogenates and
in hemolymph of infected and uninfected Culex
pipiens

Enzymes, Host

Senft AW; Goldberg MW; Byram JE
1981 Am J Trop Med and Hyg 30 (1 pt 1) Jan
96-101 Wa
Schistosoma mansoni-infected mice, acid-active
hemoglobinolytic enzyme in serum, source of
enzyme not unequivocally proven but present
evidence suggests it is of worm origin

Enzymes, Host

Shertzer HG; Hall JE; Seed JR
1981 Molec and Biochem Parasitol 3 (4) Aug 199-
204 Wa
Trypanosoma brucei gambiense-infected mice or
mice treated with trypanocides, hepatic mixed-
function oxidase activity, results demonstrate
that mice with trypanosomiasis or undergoing
trypanosome chemotherapy have significantly im-
paired capacity to metabolize foreign compounds

Enzymes, Host

Singh US; Mohan Rao VK
1981 Indian J Exper Biol 19 (2) Feb 186-188 Wa
Acanthamoeba culbertsoni, mice, experimental
meningoencephalitis, changes in levels of amino
acids and enzymes connected with their metabo-
lism in brain

Enzymes, Host

Snider TG III et al
1981 Vet Parasitol 8 (2) May 173-183 Wa
Ostertagia ostertagi, calves (exper.), single
doses of larvae followed by increasing multiple
inoculation series, fecal egg counts, plasma
pepsinogen levels, inhibited larval develop-
ment, abomasal lesions, host immunological re-
sponse suggested by lymphoid cell infiltration
in mucosa

Enzymes, Host

Stpiczynska R
1981 Polskie Arch Hydrobiol 28 (1) 147-167 Wa
Fasciola hepatica, pathophysiology in Lymnaea
tomentosa, host respiratory metabolism and
protein metabolism

Enzymes, Host

Stringfellow F; Madden PA
1979 Proc Helminth Soc Washington 46 (2) July
233-239 Issued Aug 14 Wa
Ostertagia ostertagi, calves (exper.), effects
on chief cell pepsinogen granules from calf
abomasa, correlation with selected plasma and
abomasal proteins; horseradish peroxidase as
tracer for vascular leakage, results imply that
chief cell pepsinogen was released directly in-
to the circulation (giving abnormally high
plasma values) rather than taken up from the
gastric contents through a damaged vasculature

Enzymes, Host

Sykes AR; Coop RL; Robinson MG
1980 Research Vet Sc 28 (1) Jan 71-75 Wa
Fasciola hepatica sheep (exper.), chronic
subclinical infection, plasma concentrations
of some liver enzymes, significance as diag-
nostic aids

Enzymes, Host

Takahashi S; Dunn MA; Seifter S
1980 Gastroenterology 78 (6) June 1425-1431 Wa
Schistosoma mansoni-infected mice, occurrence
of collagenase and general protease activities
at various stages of developing liver fibrosis,
collagenase activity measured in relation to
collagen synthesis and accumulation

Enzymes, Host

Tanowitz HB et al
1981 Exper Parasitol 51 (2) Apr 269-278 Wa
Trypanosoma cruzi, susceptible vs. resistant
mice infected with Brazil strain, choline ace-
tyltransferase activity in hearts and brains,
correlation with parasitemia and pathology

Enzymes, Host

Tubaro E et al
1980 Biochem Pharmacol 29 (13) July 1 1939-1943
Wm
Plasmodium berghei-infected mice, liver xan-
thine oxidase increase, possible nonspecific
defense mechanism

Enzymes, Host

Tubaro E et al
1980 Biochem Pharmacol 29 (13) July 1 1945-1948
Wm
Plasmodium berghei-infected mice, xanthine oxi-
dase increase in polymorphonuclear leucocytes
and macrophages, possible nonspecific natural
defense mechanism

Enzymes, Host

Tzoneva M et al
1980 Bull World Health Organ 58 (4) 659-662 Wa
Plasmodium falciparum, humans, frequency of
glucose-6-phosphate dehydrogenase deficiency in
relation to altitude, malaria hypothesis

Enzymes, Host

Van Elk R; Joosse J
1981 Comp Biochem and Physiol 70B (1) 45-52 Wa
Lymnaea stagnalis, UDP-galactose 4-epimerase of
albumen gland, effects of photoperiod, starva-
tion, and trematode (Trichobilharzia ocellata)
infection on its activity

Enzymes, Host

Weinstock JV et al
1981 J Clin Invest 67 (4) Apr 931-936 Wa
Schistosoma mansoni-infected mice, SQ 14225 (inhibitor of angiotensin I-converting enzyme (AEC)) can partially inhibit granulomatous response to schistosome eggs and pathological manifestations of schistosomiasis, possibility that ACE has inflammatory role in granulomatous inflammation

Enzymes, Host

Weller PF; Ottesen EA; Goetzl EJ
1981 Clin Immunol and Immunopath 18 (1) Jan 76-84 Wm
Wuchereria bancrofti, humans, alterations in blood eosinophilia and activities of eosinophil enzymes in relation to diethylcarbamazine chemotherapy (changes in arylsulfatase B but not in peroxidase or beta-glucuronidase)

Enzymes, Host

Willadsen P; Riding GA
1980 Biochem J 189 (2) Aug 1 295-303 Wm
Boophilus microplus, proteolytic-enzyme inhibitor, variations in concentration throughout life cycle, effect on isolated enzymes, on blood coagulation, on haemolytic complement, and on lymphocyte transformation

Enzymes, Host

Wong TCS; Desser SS
1980 Canad J Zool 58 (2) Feb 207-214 Wa
Leucocytozoon dubreuilii, Turdus migratorius (exper.), pathological alterations of parasitized and non-parasitized hepatocytes and renal proximal tubular cells, acid and alkaline phosphatase activities and glycogen distribution determined in parasite and in infected and non-infected host cells

Enzymes, Host

Wright IG; McKenna RV; Goodger BV
1981 Ztschr Parasitenk 64 (3) 297-302 Wa
Babesia bovis, steers (exper.), plasma creatine kinase, lactate dehydrogenase, and creatinine levels, and associated muscle damage

Enzymes, Host

Wright IG; Mahoney DF; Goodger BV
1980 Ztschr Parasitenk 63 (2) 191-194 Wa
Babesia bovis, acute and mild infections, B. bigemina, acute infections, Bos taurus (exper.), serum carboxypeptidase B levels

Enzymes, Host

Yamada KA; Sherman IW
1981 Molec and Biochem Parasitol 2 (5-6) Apr 349-358 Wa
Plasmodium lophurae, purine metabolizing enzymes of parasite and of its host cell (Anas domesticus erythrocyte)

Enzymes, Host

Zahner H et al
1981 Ztschr Parasitenk 65 (1) 107-116 Wa
Capillaria hepatica, irradiated vs. untreated eggs in Mastomys natalensis (exper.), macroscopic liver changes, nematode egg production in liver, serum-GLDH activity, antibody titres

Enzymes, Parasite

Agatsuma T
1981 Japan J Genetics 56 (1) Feb 73-77 Wa
Paragonimus iloktsuenensis, genetic variation of glucosephosphate isomerase, starch gel electrophoresis

Enzymes, Parasite

Agatsuma T
1981 J Parasitol 67 (3) June 452-454 Wa
Paragonimus miyazakii, electrophoretic demonstration of genetic polymorphism of glucose-phosphate isomerase in natural populations

Enzymes, Parasite

Agatsuma T; Suzuki N
1980 Japan J Med Sc and Biol 33 (5) Oct 249-254 Wa
Fasciola sp. from Japan, enzyme electrophoresis

Enzymes, Parasite

Aissi E; Charet P
1981 Comp Biochem and Physiol 70B (1) 133-139 Wa
Babesia hylomyesci, aminopeptidase and acid endoprotease, presence and main physico-chemical properties, proteolytic system of Babesia and Plasmodium are similar, no explanation of different behavior of these 2 parasites towards host haemoglobin

Enzymes, Parasite

Aljeboori TI; Evans DA
1980 Tr Roy Soc Trop Med and Hyg 74 (2) 169-177 Wa
Leishmania donovani stocks isolated from children in Iraq, comparison between themselves, with L. donovani isolated in Iran and the Sudan, and with Leishmania sp. (determined to be L. tropica) isolated from viscera of rat caught in Baghdad on basis of electrophoretic isoenzyme patterns

Enzymes, Parasite

Aljeboori TI; Evans DA
1980 Tr Roy Soc Trop Med and Hyg 74 (2) 178-184 Wa
Leishmania tropica and L. major both found in human cutaneous leishmaniasis on basis of electrophoretic isoenzyme patterns: Iraq

Enzymes, Parasite

Allen BL; Harris BG
1981 Molec and Biochem Parasitol 2 (5-6) Apr 367-372 Wa
Ascaris suum, rapid purification of malic enzyme using affinity chromatography on NAD⁺-agarose

Enzymes, Parasite

Aoki T
1979 Dobuts Zasshi Tokyo (Zool Mag) 88 (2) June 122-137 Wa
Ascaris suum, Schistosoma mansoni, Angiostrongylus cantonensis, enzyme activities and their role in control of pyrimidine biosynthesis, comparative study

Enzymes, Parasite

Aoki T et al
1980 Molec and Biochem Parasitol 1 (1) Mar 55-68 Wa
Ascaris suum, control of pyrimidine biosynthesis in ovary, regulatory properties of glutamine-dependent carbamoyl-phosphate synthetase and copurification of the enzyme with aspartate carbamoyltransferase and dihydroorotase

- Enzymes, Parasite
Auriault C et al
1980 Immunol Letters 2 (3) Dec 135-139 Wa
Schistosoma mansoni, inactivation of rat macrophages by peptides resulting from cleavage of IgG by larval proteases, might represent efficient immunosuppressive mechanism of parasite to escape host response
- Enzymes, Parasite
Auriault C et al
1981 Cellular Immunol 62 (1) July 15 15-27 Wa
Schistosoma mansoni, interaction between macrophages and schistosomula: role of nonspecific IgG peptides or aggregates on modulation of beta-glucuronidase release and cytotoxicity against schistosomula, parasite proteolytic enzymes responsible for presence of inhibitory IgG peptides
- Enzymes, Parasite
Auriault C et al
1981 Parasite Immunol 3 (1) Spring 33-44 Wa
Schistosoma mansoni, proteolytic cleavage of IgG bound to Fc receptor of schistosomula
- Enzymes, Parasite
Banyal HS et al
1981 J Parasitol 67 (5) Oct 623-626 Wa
Plasmodium knowlesi, evidence for possible involvement of parasite's proteases in process of entrance of merozoites into host erythrocytes
- Enzymes, Parasite
Banyal HS; Pandey VC; Dutta GP
1981 Indian J Exper Biol 19 (2) Feb 173-175 Wa
Plasmodium knowlesi, ribonucleases and deoxyribonucleases in different erythrocytic stages
- Enzymes, Parasite
Banyal HS; Pandey VC; Dutta GP
1981 Indian J Med Research 73 Suppl Jan 55-62 Wa
Plasmodium knowlesi, acid proteinase, phosphatase, ribonuclease, and deoxyribonuclease of merozoites compared with those of other erythrocytic stages and those of normal and infected erythrocytes
- Enzymes, Parasite
Barrett J
1981 Biochemistry of parasitic helminths 308 pp
London (MacMillan Publishers Ltd) Wa(QL392.B3)
- Enzymes, Parasite
Barrett J; Lloyd GM
1981 Parasitology 82 (1) Feb 11-16 Wa
Schistocephalus solidus plerocercoids, possession of taurocyamine phosphotransferase but no detectable phosphagens; neither phosphagens nor phosphagen phosphotransferase activity detected in Fasciola hepatica, Hymenolepis diminuta, Moniezia expansa, or Ligula intestinalis
- Enzymes, Parasite
Barrett TV et al
1980 Tr Roy Soc Trop Med and Hyg 74 (1) 84-90 Wa
Trypanosoma cruzi, culture forms of 104 stocks isolated from different regions in State of Bahia compared by electrophoresis of 6 enzymes, hosts and distribution of 3 zymodemes, clinical correlations: Bahia State, Brazil
- Enzymes, Parasite
Behm CA; Bryant C
1980 Internat J Parasitol 10 (2) Apr 107-114 Wa
Fasciola hepatica, regulatory properties of partially purified preparation of pyruvate kinase
- Enzymes, Parasite
Beis I; Barrett J
1980 Internat J Parasitol 10 (2) Apr 151-153 Wa
Schistocephalus solidus, oxidative enzymes in plerocercoids cultured under aerobic and anaerobic conditions
- Enzymes, Parasite
Berens RL et al
1981 Molec and Biochem Parasitol 3 (3) July 187-196 Wa
Trypanosoma cruzi, purine metabolism, metabolic pathways and enzymes of particular importance
- Enzymes, Parasite
Berens RL; Deutsch-King LC; Marr JJ
1980 Exper Parasitol 49 (1) Feb 1-8 Wa
Leishmania donovani, L. braziliensis, hexokinase, glucose 6-phosphate dehydrogenase, and pentose phosphate shunt activity
- Enzymes, Parasite
Bhatnagar AK; Gupta AN; Srivastava RC
1980 Ztschr Parasitenk 64 (1) 77-84 Wa
Ceylonocotyle scoliocoelium, histology and cytochemistry of neuroendocrine components, possible functional significance
- Enzymes, Parasite
Bogitsh BJ
1980 Tr Am Micr Soc 99 (3) July 329-333 Wa
Schistosoma mansoni, ATP phosphohydrolase localized in tegumental invagination of adults; methods of localization compared
- Enzymes, Parasite
Bogitsh BJ; Carter OS
1980 Exper Parasitol 49 (3) June 319-327 Wa
Schistosoma mansoni, effect of colchicine on in vitro uptake and incorporation of proline in tegument of male vs. female adults, on cytochemical localization of alkaline phosphatase in tegumental invaginations, and on tegumental and subtegumental morphology
- Enzymes, Parasite
Bolla R; Weinstein PP
1980 Comp Biochem and Physiol 66B (4) 475-481 Wa
Nippostrongylus brasiliensis, acid protease activity during development and aging of free-living and parasitic stages
- Enzymes, Parasite
Boveris A et al
1980 Biochem J 188 (3) June 15 643-648 Wa
Trypanosoma cruzi, epimastigotes lack adequate enzyme defense against hydrogen peroxide and hydrogen peroxide-related free radicals, possibility of turning abnormal hydrogen peroxide metabolism of parasitic trypanosomes to therapeutic advantage

Enzymes, Parasite

Brett CT; Voorheis HP

1980 European J Biochem 109 (1) Aug 1 139-150

Wm

Trypanosoma brucei, glycoprotein biosynthesis, glycosylation of glycoproteins located in and attached to plasma membrane

Enzymes, Parasite

Cain GD; Raj RK

1980 Exper Parasitol 49 (1) Feb 56-67 Wa

Anisakis, *Phocanema*, *Contraecaecum*, *Sulcascaris*, alcohol and malate dehydrogenases from larvae, electrophoresis and thermostability, possible value in identification

Enzymes, Parasite

Caldas RA et al

1980 J Parasitol 66 (2) Apr 213-216 Wa

Trypanosoma cruzi, incorporation of ammonium into amino acids via 3 different enzymatic systems

Enzymes, Parasite

Campbell AJ et al

1981 Molec and Biochem Parasitol 3 (2) June 91-101 Wa

Fasciola hepatica, proline biosynthesis at different developmental stages in vivo and in vitro

Enzymes, Parasite

Cannata JJ et al

1980 Medicina Buenos Aires 40 Suppl (1) 145-153

Wm

Trypanosoma cruzi, *Crithidia fasciculata*, intracellular distribution of CO₂-fixing enzymes

Enzymes, Parasite

Carroll M; McCrorie P

1980 Comp Biochem and Physiol 67B (4) 685-688

Wa

Trypanosoma brucei brucei, glycosidases, identification and partial characterization, may play role in turnover of variant-specific surface antigens

Enzymes, Parasite

Carroll M; McCrorie P

1981 Comp Biochem and Physiol 70B (2) 319-322

Wa

Trypanosoma brucei brucei, improvement of standard method for isolation of trypanosomes from infected blood, comparison of physicochemical and kinetic properties of alpha-glucosidase and alpha-mannosidase in bloodstream forms, possible role of these enzymes in processing or catabolism of trypanosomal glycoproteins (in particular variant-specific surface antigen)

Enzymes, Parasite

Castanheira EB; Gazzinelli G; Figueiredo EA

1981 Comp Biochem and Physiol 68B (3) 467-472

Wa

Schistosoma mansoni, key enzymes of carbohydrate metabolism, activities and isoenzyme electrophoretic patterns in relation to parasite developmental stage and sex and to host origin (permissive vs. non-permissive)

Enzymes, Parasite

Cataldi de Flombaum MA; Frasch ACC; Stoppani AOM

1980 Comp Biochem and Physiol 65B (1) 103-109

Wa

Trypanosoma cruzi, coupling factor F₁ (part of H⁺-adenosine triphosphatase complex), purification and properties

Enzymes, Parasite

Cataldi de Flombaum MA; Stoppani AOM

1981 Molec and Biochem Parasitol 3 (3) July 143-155 Wa

Trypanosoma cruzi, effect of efrapentin, aurovertin, and citreoviridin on mitochondrial adenosine triphosphatase

Enzymes, Parasite

Catto BA

1981 Exper Parasitol 51 (1) Feb 152-157 Wa

Schistosoma mansoni, decarboxylation of 5-hydroxytryptophan and L-dopa but not L-histidine in adult and larval schistosomes, characterization of responsible enzyme

Enzymes, Parasite

Cazzulo JJ et al

1980 J Gen Microbiol 117 (1) Mar 271-274 Wm

Trypanosoma cruzi, *Crithidia fasciculata*, intracellular distribution of carbon dioxide-fixing enzymes

Enzymes, Parasite

Cazzulo JJ; Franke de Cazzulo BM; Segura EL

1980 Comp Biochem and Physiol 67B (1) 163-166

Wa

Trypanosoma cruzi, inhibition of NAD-linked glutamate dehydrogenase by sulfhydryl reagents

Enzymes, Parasite

Cerkasovova A

1969 Folia Parasitol 16 (4) 297-301 Wa

Trichomonas foetus, axenic cultures, levels of pyruvic acid after anaerobiosis and aerobic resynthesis of glycogen from exogenous glucose, deficiency of thiamine in medium responsible for reduced reproductive capability, ATP content after anaerobic glycogen resynthesis in thiamine-deficient vs. normal cultures

Enzymes, Parasite

Chance ML

1979 Symposia Brit Soc Parasitol 17 55-74 Wa

Leishmania, identification, review: morphology, DNA buoyant density, DNA-RNA hybridization, enzyme electrophoresis

Enzymes, Parasite

Chang LMS et al

1980 Science (4443) 208 May 2 510-511 Wa

Trypanosoma brucei, parasite DNA polymerases are distinct from host enzymes, differences could be exploited in development of therapeutic agents

Enzymes, Parasite

Charet P et al

1980 Ann Parasitol 55 (4) July-Aug 359-366 Wa

Eimeria nieschulzi, aminopeptidase, physicochemical properties, activator and inhibitor effects, effect of antimalarial drugs

Enzymes, Parasite

Charet P et al

1980 Comp Biochem and Physiol 65B (3) 519-524

Wa

Plasmodium yoelii nigeriensis, *P. chabaudi*, aminopeptidases, physicochemical properties; inhibition by chloroquine, quinacrine, and primaquine, but less so by quinine; species differences in isoenzyme profile

- Enzymes, Parasite
Cho KM; Cha HY; Soh CT
1973 Yonsei Rep Trop Med 4 (1) Nov 5-18 Wm
Ultrastructural localization of acid phosphatase in *Entamoeba histolytica* and *Entamoeba gingivalis*
- Enzymes, Parasite
Chung P; Deung YK; Soh CT
1974 Yonsei Rep Trop Med 5 (1) Nov 57-71 Wm
Toxoplasma gondii, micromorphology and enzyme activities of parasite in host macrophages
- Enzymes, Parasite
Coles AM; Swoboda BEP; Ryley JF
[1981] J Protozool 27 (4) Nov 1980 502-506 Issued Mar 11 Wa
Eimeria tenella, thymidylate synthetase, properties, possible enzyme target for chemotherapeutic attack
- Enzymes, Parasite
Comley JCW et al
1981 Molec and Biochem Parasitol 2 (5-6) Apr 271-283 Wa
Brugia pahangi, *Dirofilaria immitis*, adults, synthesis of ubiquinone 9, evidence against its involvement in oxidation of 5-methyltetrahydrofolate
- Enzymes, Parasite
Comley JCW; Wright DJ
1981 Internat J Parasitol 11 (1) Feb 79-84 Wa
Aspiculuris tetraptera, *Ascaris suum*, succinate dehydrogenase (SDH) and fumarate reductase (FR) activity, effect of cambendazole, thiabendazole, and levamisole on enzyme activity, SDH/FR complex is unlikely to be primary site of chemotherapeutic attack for these anthelmintics
- Enzymes, Parasite
Cornish RA; Wilkes J; Mettrick DF
1981 J Parasitol 67 (5) Oct 754-756 Wa
Moniliformis dubius adults, concentrations of some of metabolites in pathway of glucose metabolism, identification of possible regulatory enzymes, differences between male and female worms
- Enzymes, Parasite
Cornish RA; Wilkes J; Mettrick DF
1981 Molec and Biochem Parasitol 2 (3-4) Feb 151-166 Wa
Moniliformis dubius, phosphoenolpyruvate carboxykinase, extraction and purification, kinetic studies
- Enzymes, Parasite
Coronel C et al
1980 Medicina Buenos Aires 40 Suppl (1) 159-164 Wm
Trypanosoma cruzi, separation and catalytic properties of alpha-hydroxyacid dehydrogenase isoenzymes
- Enzymes, Parasite
Croft SL; Chance ML; Gardener PJ
1980 Ann Trop Med and Parasitol 74 (6) Dec 585-589 Wa
Endotrypanum, 7 strains, ultrastructural and biochemical (nuclear and kinetoplast DNA buoyant density; enzyme electrophoresis) characterization, division into 2 taxonomic units but separation does not agree with original identification as *E. schaudinni* or *E. monterogeii*, stock isolated from *Lutzomyia trapidoi* was identified as *Endotrypanum* sp.
- Enzymes, Parasite
Daniels CJ; Palmer FBSC
1980 Biochim et Biophys Acta 618 (2) May 28 263-272 Wa
Crithidia fasciculata, biosynthesis of phosphatidylinositol, evidence for both CDPdiacylglycerol:myo-inositol phosphatidyltransferase and myo-inositol exchange activities
- Enzymes, Parasite
Donahue MJ et al
1981 Comp Biochem and Physiol 69B (4) 693-699 Wa
Ascaris suum, evidence that key regulatory enzymes for glycogen metabolism in mammalian muscle also exist in parasitic worm muscle, preliminary evidence that cyclic AMP may be regulatory signal for *Ascaris* glycogen metabolism
- Enzymes, Parasite
Donahue MJ et al
1981 J Parasitol 67 (3) June 362-367 Wa
Ascaris suum, activity of enzymes regulating glycogen metabolism in perfused muscle-cuticle sections, new perfusion system should be useful in future studies
- Enzymes, Parasite
Donahue MJ et al
1981 J Parasitol 67 (4) Aug 505-510 Wa
Ascaris suum, development of perfusion chamber system for maintaining worms alive in laboratory for several days in nutrient salt solution, glycogen metabolizing enzymes during starvation and feeding of worms maintained in this system
- Enzymes, Parasite
Donahue MJ et al
1981 J Parasitol 67 (5) Oct 756-758 Wa
Macracanthorhynchus hirudinaceus, potential carbohydrate regulatory enzymes, metabolite levels
- Enzymes, Parasite
Donahue MJ et al
1981 Biochem and Biophys Research Commun 101 (1) July 16 112-117 Wa
Ascaris suum, evidence that serotonin may be functioning as hormone which regulates glycogen metabolism in parasite muscle (functions by raising cyclic AMP levels, activating phosphorylase, and inactivating glycogen synthase)
- Enzymes, Parasite
Doran TI; Herman R
1981 J Protozool 28 (3) Aug 345-350 Wa
Leishmania donovani, variance in infectivity of promastigotes cultured for 3 vs. 10 days in vitro before inoculation into hamsters, biochemical (enzyme analysis, lectin analysis) and immunological correlates of infectivity
- Enzymes, Parasite
Dotson MJ; Chu SH; Hillman GR
1981 Comp Biochem and Physiol 68C (2) 229-230 Wa
Schistosoma mansoni, selective inhibition of parasite acetylcholinesterase by dansylated acetylcholine analogs
- Enzymes, Parasite
Dutta GP; Banyal HS
1981 Indian J Exper Biol 19 (1) Jan 9-11 Wa
Plasmodium knowlesi, in vitro susceptibility of erythrocytes of *Presbytis entellus*, blocking of merozoite invasion process by certain protease inhibitors, evidence suggests that proteases of merozoites may be involved in invasion process

- Enzymes, Parasite
Dvorak JA; Hartman DL; Miles MA
[1981] J Protozool 27 (4) Nov 1980 472-474
Issued Mar 11 Wa
Trypanosoma cruzi, correlation of growth kinetics in vitro to zymodeme type in clones derived from various sources
- Enzymes, Parasite
Falk E; Akinrimisi EO; Onoagbe I
1980 Internat J Biochem 12 (4) 647-650 Wa
Trypanosoma brucei brucei, malate dehydrogenase, preliminary characterization, differences from mammalian malate dehydrogenase might be made use of in selective attack on parasite enzyme
- Enzymes, Parasite
Farri TA et al
1980 Tr Roy Soc Trop Med and Hyg 74 (5) 672-673 Wa
Entamoeba histolytica, electrophoretic studies of hexokinase of isoenzyme groups I to IV
- Enzymes, Parasite
Ferone R; Roland S
1980 Proc National Acad Sc Biol Sc 77 (10) Oct 5802-5806 Wa
Crithidia fasciculata, association of dihydrofolate reductase and thymidylate synthase, two enzyme activities are on single polypeptide which may exist as dimer in native state, results with Plasmodium berghei suggest this unique bifunctional protein might occur throughout the Protozoa
- Enzymes, Parasite
Fetterer RH; Mussie EW; Bennett JL
1981 Comp Biochem and Physiol 69B (4) 803-808 Wa
Schistosoma mansoni, adenosine triphosphate-dependent ouabain binding in homogenates of male and female worms, results suggest that receptor for ouabain is Na^+, K^+ -ATPase
- Enzymes, Parasite
Fletcher M; LoVerde PT; Kuntz RE
1981 J Parasitol 67 (4) Aug 593-595 Wa
Schistosoma mansoni, S. rodhaini, adults and cercariae, use of horizontal starch gel electrophoresis to differentiate the two species on basis of differences in mobility of diagnostic enzymes
- Enzymes, Parasite
Fletcher M; LoVerde PT; Woodruff DS
1981 Am J Trop Med and Hyg 30 (2) Mar 406-421 Wa
Schistosoma mansoni, populations from Africa, Southwest Asia, South America, and West Indies, genetic variation in enzyme polymorphisms (electrophoresis on starch gels), geographic and sexual differences
- Enzymes, Parasite
Flynn IW; Bowman IBR
1980 Arch Biochem and Biophys 200 (2) Apr 1 401-409 Wm
Trypanosoma brucei, pyruvate kinase, purification and kinetic characterization, possible role in regulation of glycolysis
- Enzymes, Parasite
Frayha GJ; Haddad R
1980 Internat J Parasitol 10 (5-6) Nov-Dec 359-364 Wa
Echinococcus granulosus, protoscolices and hydatid cyst fluid, comparative chemical composition (electrolytes, nucleic acids, proteins, enzymes, nitrogenous waste products, carbohydrates, lipids), first report of sucrose in parasitic helminth
- Enzymes, Parasite
Gamble HR; Pappas PW
1980 J Parasitol 66 (3) June 434-438 Wa
Hymenolepis diminuta, solubilization of membrane-bound RNase and alkaline phosphatase from isolated brush border
- Enzymes, Parasite
Gamble HR; Pappas PW
1981 J Parasitol 67 (3) June 372-377 Wa
Hymenolepis diminuta, partial characterization of ribonuclease activity from isolated and solubilized brush border membrane
- Enzymes, Parasite
Gamble HR; Pappas PW
1981 J Parasitol 67 (5) Oct 617-622 Wa
Hymenolepis diminuta, Type I phosphodiesterase in isolated brush-border membrane, demonstration and partial characterization
- Enzymes, Parasite
Gamble HR; Pappas PW
1981 J Parasitol 67 (5) Oct 759-760 Wa
Hymenolepis diminuta, adenosine deaminase, presence and characteristics
- Enzymes, Parasite
Garlough SJ; Mason M; Sanchez G
1981 Comp Biochem and Physiol 70B (3) 451-455 Wa
Trypanosoma brucei brucei, tyrosine aminotransferase activity, activation by cortisol, reaction by puromycin
- Enzymes, Parasite
Gbenle GO; Akinrimisi EO
1981 Biochem Internat 2 (2) Feb 219-228 Wa
Trypanosoma brucei, isolation and partial characterization of calcium-dependent endoribonuclease located in cytoplasm of blood stream form
- Enzymes, Parasite
Gero AM et al
1981 Austral J Exper Biol and Med Sc 59 (4) Aug 477-490 Wa
Plasmodium berghei, comparison of dihydroorotate dehydrogenase from parasite vs. from mouse reticulocyte, differences could provide rational basis for development of chemotherapeutic agents active against parasite
- Enzymes, Parasite
Gero AM et al
1981 Tr Roy Soc Trop Med and Hyg 75 (5) 719-720 Wa
Plasmodium falciparum, dihydroorotate dehydrogenase, orotate phosphoribosyltransferase, orotidine-5'-phosphate decarboxylase

Enzymes, Parasite

Gero AM; Coombs GH
1980 FEBS Letters 118 (1) Aug 25 130-132 Wm
Leishmania m. mexicana amastigotes and promastigotes, Crithidia fasciculata, orotate phosphoribosyltransferase, orotidine-5'-phosphate decarboxylase, dihydroorotate dehydrogenase, activity, subcellular localization

Enzymes, Parasite

Gibson WC; Lumsden WHR
1980 Tr Roy Soc Trop Med and Hyg 74 (5) 688 Wa
Trypanosoma brucei, isoenzyme electrophoretic characterization of ETat and AnTat serodemes

Enzymes, Parasite

Gibson WC; Marshall TFC; Godfrey DG
1980 Advances Parasitol 18 175-246 Wa
Trypanosoma (Trypanozoon), numerical analysis of enzyme polymorphism, new approach to epidemiology and taxonomy with proposals for working nomenclature with 6 "groupings"; "T. b. brucei, T. b. rhodesiense, T. b. gambiense and T. evansi should be united under one name, T. brucei."

Enzymes, Parasite

Gockel SF; Leberz HG
1981 J Biol Chem 256 (8) Apr 25 3877-3883 Wa
Ascaris suum, 'conformational' isoenzymes of ascarid enolase

Enzymes, Parasite

Godfrey DG
1979 Symposia Brit Soc Parasitol 17 31-53 Wa
Trypanosoma, significance of zymodemes (enzymically different groupings), review

Enzymes, Parasite

Goil MM
1980 Ztschr Parasitenk 61 (3) 271-275 Wa
Fasciola gigantica, Paramphistomum explanatum, presence of 3 phosphagens, phosphokinases involved in transphosphorylation of these phosphagens studied in terms of specific activity and response to certain important inhibitors

Enzymes, Parasite

Goldberg M et al
1980 Comp Biochem and Physiol 65B (4) 605-613 Wa
Fasciola hepatica, Schistosoma mansoni, ornithine- δ -transaminase, biochemical properties compared

Enzymes, Parasite

Goncalves MF; Zingales B; Colli W
1980 Molec and Biochem Parasitol 1 (2) Apr 107-118 Wa
Trypanosoma cruzi epimastigotes, cAMP phosphodiesterase activity, presence of protein which activates mammalian cAMP phosphodiesterase but not the homologous enzyme, parameters related to cAMP metabolism during parasite growth

Enzymes, Parasite

Gonzalez-Garza MT; Arellano-Blanco J; Gomez-Estrada H
1977 Arch Invest Med 8 (2) 139-144 Wm
Entamoeba histolytica, proteolytic enzymes, cytochemical labelling

Enzymes, Parasite

Gordon R; Walsh DJ; Burford IR
1981 Parasitology 83 (3) Dec 451-457 Wa
Romanomeris culicivora, free-living stages, activity of beta-oxidation enzymes, uptake of palmitate and oxidation to CO₂

Enzymes, Parasite

Gottlieb M; Dwyer DM
1981 Biochem Parasites (Slutzky) 29-45 Wa
Leishmania donovani promastigotes, phosphomonoesterase activities at surface membrane

Enzymes, Parasite

Gottlieb M; Dwyer DM
1981 Exper Parasitol 52 (1) Aug 117-128 Wa
Leishmania donovani promastigotes, surface membrane acid phosphatase, identification and partial characterization, cytochemical analysis of distribution

Enzymes, Parasite

Gottlieb M; Dwyer DM
1981 Science (4497) 212 May 22 939-941 Wa
Leishmania donovani promastigotes, acid phosphatase in plasma membranes, identification and partial characterization, cytochemical distribution

Enzymes, Parasite

Grabda-Kazubska B; Moczon T
1981 Ztschr Parasitenk 65 (1) 53-61 Wa
Haplometra cylindracea cercariae, nervous system, cholinesterase and nonspecific esterase activities, anatomy of nervous system, chaetotaxy, connections of particular groups of sensillae with defined nerve tracts

Enzymes, Parasite

Gunn A; Probert AJ
1981 Exper Parasitol 51 (3) June 373-381 Wa
Moniezia expansa, acetylcholinesterase, subcellular distribution, kinetic properties, effects of inhibitors and anthelmintics

Enzymes, Parasite

Gustowska L; Pawlowski Z
1981 Vet Parasitol 8 (3) July 211-218 Wa
Taenia saginata, cattle, sheep, goats, histoenzymatic reactions in cysticerci and in host tissues around cysticerci, histopathological changes, effect of treatment with mebendazole or praziquantel on host reaction

Enzymes, Parasite

Gutteridge WE; Davies MJ
1981 FEBS Letters 127 (2) May 18 211-214 Wm
Trypanosoma cruzi, enzymes of purine salvage

Enzymes, Parasite

Hambrey PN; Mellors A; Tizard IR
1981 Molec and Biochem Parasitol 2 (3-4) Feb 177-186 Wa
Trypanosoma, pathogenic and non-pathogenic species, phospholipase activities, results compatible with hypothesis that phospholipases contribute to pathogenicity of trypanosomes

Enzymes, Parasite

Hambrey PN; Tizard IR; Mellors A
1980 Tropenmed u Parasitol 31 (4) Dec 439-443 Wa
Trypanosoma brucei-infected rabbits, accumulation of phospholipase A₁ (of trypanosomal origin) in tissue fluid, also detected in blood plasma but at a lower level, possible contribution to pathology

- Enzymes, Parasite
Hammond DJ; Bowman IBR
1980 Molec and Biochem Parasitol 2 (2) Dec 77-91
Wa
Trypanosoma brucei, glycerol kinase and its role in ATP synthesis, glycerol kinase activity of other trypanosomes
- Enzymes, Parasite
Hammond DJ; Gutteridge WE
1980 FEBS Letters 118 (2) Sept 8 259-262 Wa
Trypanosoma cruzi, enzymes of pyrimidine biosynthesis
- Enzymes, Parasite
Hempelmann E; Wilson RJM
1980 Parasitology 80 (2) Apr 323-330 Wa
Plasmodium knowlesi, rhesus monkeys, demonstration and differentiation of electrophoretically-separated host cell and parasite acid endopeptidase activities with imprint-digest method
- Enzymes, Parasite
Hempelmann E; Wilson RJM
1981 Molec and Biochem Parasitol 2 (3-4) Feb 197-204 Wa
Plasmodium spp., glucose-6-phosphate dehydrogenase, separate host cell and parasite enzyme activity demonstrated with P. knowlesi and P. falciparum but not with P. chabaudi, possible implications for protective effect of glucose-6-phosphate dehydrogenase deficiency
- Enzymes, Parasite
Higa AI; Cazzulo JJ
1981 Molec and Biochem Parasitol 3 (6) Oct 357-367 Wa
Crithidia fasciculata, Mg²⁺-activated adenosine triphosphatase, purification, properties, effect of inhibitors including suramin
- Enzymes, Parasite
Hill B et al
1981 Internat J Biochem 13 (3) 303-310 Wa
Plasmodium berghei, enzymes of pyrimidine biosynthesis
- Enzymes, Parasite
Hill B et al
1981 Molec and Biochem Parasitol 2 (3-4) Feb 123-134 Wa
parasitic protozoa and helminths, enzymes of pyrimidine biosynthesis
- Enzymes, Parasite
Hirayama K et al
1980 Biochim et Biophys Acta 612 (2) Apr 11 337-343 Wa
Crithidia fasciculata, detection of dihydropteridine reductase and tetrahydropterin
- Enzymes, Parasite
Hopkinson DA
1979 Symposia Brit Soc Parasitol 17 1-6 Wa
enzyme electrophoresis for identification of parasites, separation techniques, staining methods, brief review
- Enzymes, Parasite
Howell MJ
1981 Internat J Parasitol 11 (3) June 235-242
Wa
Fasciola hepatica, formation of hybrid cells between liver fluke cells and rat fibroblast cell line, hypoxanthine-guanine phosphoribosyl transferase activity in hybrids was of F. hepatica rather than rat origin, possible approach to production of helminth antigens in vitro
- Enzymes, Parasite
Howells RE; Chen SN
1981 Exper Parasitol 51 (1) Feb 42-58 Wa
Brugia pahangi, transcuticular uptake of D-glucose, L-leucine, and adenosine in vitro, no evidence for oral ingestion of materials in vitro but oral uptake of Trypan blue demonstrated in vivo, ultrastructure and cytochemical staining reactions for enzymes of gut and body wall
- Enzymes, Parasite
Huang TY
1980 Internat J Biochem 12 (3) 457-464 Wa
Schistosoma japonicum, energy metabolism
- Enzymes, Parasite
Iwai K; Kohashi M; Oe H
1981 Agric and Biol Chem 45 (1) Jan 113-120 Wa
Crithidia fasciculata, dihydrofolate reductase, purification and properties
- Enzymes, Parasite
Jaffe JJ; Chrin LR
1980 J Parasitol 66 (1) Feb 53-58 Wa
Brugia pahangi, Dirofilaria immitis, folate metabolism, presence and properties of enzymes associated with 5,10-methylenetetrahydrofolate
- Enzymes, Parasite
Jaffe JJ; Chrin LR
1981 Molec and Biochem Parasitol 2 (5-6) Apr 259-270 Wa
Brugia pahangi, Dirofilaria immitis, adults, involvement of tetrahydrofolate cofactors in de novo purine ribonucleotide synthesis
- Enzymes, Parasite
Jaffe JJ; Chrin LR; Smith RB
1980 J Parasitol 66 (3) June 428-433 Wa
Dirofilaria immitis, Brugia pahangi, enzymes associated with 5,10-methylenetetrahydrofolate and 10-formyltetrahydrofolate
- Enzymes, Parasite
James S
1980 Parasitology 80 (2) Apr 301-312 Wa
Eimeria necatrix, E. tenella, isolation of second-generation schizonts and their use in biochemical investigations (ability to metabolize radio-labelled glucose and accumulate thiamine against concentration gradient, characterization of serine hydroxymethyl transferase activity which is significantly different from that of host tissue)
- Enzymes, Parasite
Jones BR
1980 IRCS Med Sc Key Rep Human and Animal Physiol 8 (2) Feb 80-81 Wa
Hydatigera taeniaeformis cysticercus, localization of acetylcholinesterase activity in excretory collecting tubules, electron microscopy

- Enzymes, Parasite
Jones BR; Smith BF; LeFlore WB
1979 Cytobios (101) 26 7-24 Wa
Hydatigera taeniaeformis cysticercus scolex,
ultrastructural localization of acetylcholin-
esterase activity, possible functions
- Enzymes, Parasite
Juhasz S; Galfi P; Molnar K
1980 Acta Vet Budapest 28 (1) 57-69 Wa
Lernaea cyprinacea, proteolytic enzymes,
trypsin-like enzyme characterized
- Enzymes, Parasite
Juhasz S; Galfi P; Molnar K
1980 Magy Allat Lapja 102 35 (4) Apr 225-
226 Wa
Lernaea cyprinacea, fractionation of trypsin-
like enzyme
- Enzymes, Parasite
Kazakauskaite IaS
1980 Tsitologia 22 (7) July 856-860 Wa
Sarcocystis ovis felis, cyst stages (merozo-
ites), oxidative enzymes
- Enzymes, Parasite
Kheir HSM
1978 Sudan J Vet Sc and Animal Husb 19 (2) Nov
105-111 Wa
Ascaris suum, location and level of malate
dehydrogenase activity in adult female worms
and in 1-day and 28-day old eggs
- Enzymes, Parasite
Kidder GW; Nolan LL
1981 Molec and Biochem Parasitol 3 (5) Sept 265-
269 Wa
4-amino-5-imidazolecarboxamide inhibits growth
of Leishmania spp. promastigotes but not Tryp-
anosoma cruzi epimastigotes and inhibits gua-
nine deaminase from all trypanosomatids tested
- Enzymes, Parasite
Kilgour V
1980 Internat J Biochem 12 (3) 325-332 Wa
Trypanosoma brucei, T. cruzi, energy metabo-
lism, proteins (surface coat and antigenic
variation, isoenzymes), lipids, nucleic acids,
- Enzymes, Parasite
Kilgour V
1980 Molec and Biochem Parasitol 2 (1) Oct 51-62
Wa
Trypanosoma brucei subspp., bloodstream and
culture forms compared with respect to electro-
phoretic mobilities and activities of 11 en-
zymes
- Enzymes, Parasite
Klein RA et al
1980 Comp Biochem and Physiol 66B (1) 143-146
Wa
Trypanosoma brucei bloodstream forms, stereo-
specificity of threonine dehydrogenase
- Enzymes, Parasite
Knowles G; Sanderson A; Walliker D
1981 Exper Parasitol 52 (2) Oct 243-247 Wa
Plasmodium yoelii yoelii, Plasmodium yoelii
nigeriensis, new electrophoretic variants of
adenosine deaminase which differentiate these
2 subspecies, genetic analysis of crosses be-
tween these 2 subspecies
- Enzymes, Parasite
Koenigk E; Putfarken B
1980 Tropenmed u Parasitol 31 (4) Dec 421-424
Wa
Leishmania donovani amastigotes and promasti-
gotes, stage-specific differences of adenosine
5'-monophosphate-catabolizing reactions (possi-
ble signal-transferring system); technique for
obtaining very pure preparation of amastigote
cells
- Enzymes, Parasite
Krasnoshchekov GP; Tomilovskaia NS
1975 Parazitologiya Leningrad 9 (3) May-June
227-231 Wa
Dilepididae spp., distribution of several
enzymes in whole worm preparations
- Enzymes, Parasite
Krenitsky TA et al
1980 Advances Exper Med and Biol 122B 51-56 Wa
Leishmania donovani, purine salvage enzymes
(multiplicity, levels of activity, some basic
properties), comparison with corresponding
enzymes in man, possible targets for chemo-
therapeutic exploitation
- Enzymes, Parasite
Kreutzer RD; Christensen HA
1980 Am J Trop Med and Hyg 29 (2) Mar 199-208
Wa
Leishmania spp., characterization of species
and strains by isozyme patterns on cellulose
acetate electrophoresis
- Enzymes, Parasite
Kreutzer RD; Sousa OE
1981 Am J Trop Med and Hyg 30 (2) Mar 308-317
Wa
Trypanosoma spp., isozyme patterns, cellulose
acetate electrophoresis, variability between
species and strains, potential for rapid try-
panosome isolate identification, some indica-
tion that isozyme types were associated with
geographical distribution
- Enzymes, Parasite
Kruckeberg WC; Sander BJ; Sullivan DC
1981 Exper Parasitol 51 (3) June 438-443 Wa
Plasmodium berghei-infected and normal mouse
erythrocytes, glycolytic enzyme activities,
data also for uninfected mice with induced
reticulocytosis
- Enzymes, Parasite
Lainson R; Miles MA; Shaw JJ
1981 Ann Trop Med and Parasitol 75 (2) Apr 251-
253 Wa
Leishmania, enzyme electrophoresis of several
viscerotropic stocks, variations were minor
and suggest that any taxonomic separation of
these organisms would best be at subspecific
level
- Enzymes, Parasite
Lal AA; Garg NK
1979 J Biosc 1 (2) June 151-157 Wa
Hartmannella culbertsoni, effect of exogenous
cholesterol on trophozoite multiplication,
lipid metabolism, and lysosomal enzyme
activity, results suggest similar pattern of
events takes place when parasite is exposed to
cholesterol of host brain during
meningoencephalitis

Enzymes, Parasite

Lal AA; Maitra SC; Garg NK
1980 Indian J Exper Biol 18 (12) Dec 1387-1391
Wa
Hartmannella culbertsoni, changes in surface topography, lipid composition, and phospholipases of trophozoites cultured in presence of cholesterol; results suggest that when *H. culbertsoni* proliferates in host brain where it is exposed to environment of cholesterol it develops mechanical and enzymic tools for invading host tissue

Enzymes, Parasite

Lanham SM et al
1981 Tr Roy Soc Trop Med and Hyg 75 (5) 742-750
Wa
Trypanosoma cruzi, standard stocks of zymodemes from northeast Brazil, isoenzyme characterization, comparison of cellulose acetate electrophoresis, starch-gel electrophoresis, and isoelectric focusing

Enzymes, Parasite

LeFlore WB; Bass HS; Smith BF
1980 Tr Am Micr Soc 99 (2) Apr 201-206 Wa
Cloacitrema michiganensis from Cerithidea californica, histochemical localization of hydrolytic enzymes in cercariae, role in physiology, some details of nervous system gross morphology

Enzymes, Parasite

Letch CA; Gibson W
1981 Exper Parasitol 52 (1) Aug 86-90 Wa
Trypanosoma brucei, bloodstream forms, peptidases, starch gel electrophoresis, substrate specificities, relative activities

Enzymes, Parasite

Lindmark DG
1980 Molec and Biochem Parasitol 1 (1) Mar 1-12
Wa
Giardia lamblia, carbohydrate and energy metabolism, enzyme activities

Enzymes, Parasite

Lo HS; Reeves RE
1980 Molec and Biochem Parasitol 2 (1) Oct 23-30
Wa
Entamoeba histolytica, NADPH:flavin oxidoreductase, purification and properties

Enzymes, Parasite

Lumley AM; Lee DL
1981 Exper Parasitol 52 (2) Oct 183-190 Wa
Nippostrongylus brasiliensis, rats, Nematodirus battus, lambs, high-dose or low-dose infections, worm expulsion, changes in weight of male and female worms during course of infection, consequences of weight changes discussed with relevance to expression of enzyme activities of these nematodes on a weight of individual nematode basis

Enzymes, Parasite

Lundblad G et al
1981 Comp Biochem and Physiol 68B (1) 71-76
Wa
Entamoeba histolytica, β -N-acetylglucosaminidase, purification and partial characterization, may contribute to inflammatory reactions in tissues of patients with invasive amoebiasis

Enzymes, Parasite

Lushbaugh WB et al
1981 Am J Trop Med and Hyg 30 (3) May 575-585
Wa
Entamoeba histolytica, inhibition of parasite cytotoxin by alpha-1 antiprotease and alpha-2 macroglobulin from non-immune sera, results suggest that amebal toxin has protease activity

Enzymes, Parasite

Maazoun R et al
1981 Ann Parasitol 56 (2) 131-146 Wa
Leishmania infantum, strains from man and dog in France (Cevennes, Cote d'Azur, Corse), Tunisia, and Honduras, enzyme electrophoresis, identical zymograms, differentiation from *L. donovani*, *L. tropica*, and *L. major*

Enzymes, Parasite

McLaughlin J
1981 Biochem Internat 2 (3) Mar 345-353 Wa
Trypanosoma rhodesiense, bloodstream forms, association of adenylate kinase with glycosome (probably within specialized region of glycosomal membrane), glycolytic enzymes are localized within glycosome matrix

Enzymes, Parasite

McLaughlin J; Mueller M
1981 Molec and Biochem Parasitol 3 (6) Oct 369-379 Wa
Entamoeba histolytica, calcium regulated adenosine triphosphatase, properties, activity tightly bound to cellular membranes

Enzymes, Parasite

McMullen HL et al
1980 Biochem and Biophys Research Commun 95 (4) Aug 29 1555-1562 Wm
Amblyomma americanum, calcium-dependent modulator proteins of 3':5'-cyclic-AMP phosphodiesterase isolated from salivary glands, role in regulation of salivary fluid secretion

Enzymes, Parasite

Mahoney JR; Eaton JW
1981 Biochem and Biophys Research Commun 100 (3) June 16 1266-1271 Wa
Plasmodium berghei, association of chloroquine resistance with enhanced plasmodial protease activity

Enzymes, Parasite

Maki J; Yanagisawa T
1980 J Helminth 54 (1) Mar 39-41 Wa
filariae, other parasitic nematodes, histochemical distribution of acid phosphatase in body wall and intestine of adult female worms

Enzymes, Parasite

Maki J; Yanagisawa T
1980 Parasitology 80 (1) Feb 23-38 Wa
Dirofilaria immitis, Angiostrongylus cantonensis, demonstration of acid phosphatase activity with special reference to characteristics and distribution

Enzymes, Parasite

Maki J; Yanagisawa T
1980 Parasitology 81 (3) Dec 603-608 Wa
Setaria sp. vs. 4 gastrointestinal nematodes, histochemical localization of acid phosphatase activity with special attention to body wall and intestine, possible physiological significance

Enzymes, Parasite

Marcus SL et al
1980 Biochem and Biophys Research Commun 93 (4) Apr 29 1027-1035 Wa
Trypanosoma brucei bloodstream forms, chromatographic resolution of 2 DNA polymerase activities, differential responses to exogenous polyamine addition

- Enzymes, Parasite
Marr JJ; Berens RL
1977 Acta Trop 34 (2) June 143-155 Wa
Crithidia fasciculata, Leishmania donovani, L. braziliensis, glycolysis, review
- Enzymes, Parasite
Martin J
1981 Parasitology 83 (1) Aug 43-50 Wa
Nippostrongylus brasiliensis, acetylcholinesterase activity in male and female worms during course of primary infection in normal and in protein-deficient rats, possible reasons for changes in enzyme production, may be related to immune response
- Enzymes, Parasite
Matskasi I; Nemeth I
1980 Magy Allat Lapja 102 35 (8) Aug 550-552 Wa
Ligula intestinalis plerocercoids, characterization of proteolytic and protease inhibitor activities
- Enzymes, Parasite
Matuda S; Obo F
1980 Comp Biochem and Physiol 66B (4) 499-504 Wa
Ascaris lumbricoides var. suum, microsomal lipamide dehydrogenase in muscle, purification and some properties
- Enzymes, Parasite
van der Meer P et al
1981 Vet Quart 3 (2) Apr 61-65 Wa
Theileria species and strains, erythrocytic stage, isoenzyme studies using isoelectric focusing
- Enzymes, Parasite
Mehta S; Gupta AN; Simlot MM
1980 Indian J Exper Biol 18 (12) Dec 1534 Wa
Paramphistomum cervi, muscle protein and acetylcholinesterase isoenzyme patterns in oral and posterior suckers
- Enzymes, Parasite
Melrose TR; Brown CGD; Sharma RD
1980 Research Vet Sc 29 (3) Nov 298-304 Wa
Theileria annulata- and T. parva-infected bovine lymphoblastoid cell lines, glucose phosphate isomerase isoenzyme patterns, improved enzyme visualization method using meldola blue, species and strain differences
- Enzymes, Parasite
Melrose TR; Walker AR; Brown CGD
1981 Trop Animal Health and Prod 13 (2) May 70-78 Wa
Theileria, identification of infections in salivary glands of vector ticks using isoenzyme electrophoresis, clear separation of parasite enzyme from tick salivary gland enzyme, differentiation of isoenzymes between parasite species and strains
- Enzymes, Parasite
Miles MA et al
1980 Tr Roy Soc Trop Med and Hyg 74 (2) 221-237 Wa
Trypanosoma cruzi, further enzymic characters, critical assessment of present and prospective value of enzyme electrophoresis for strain identification
- Enzymes, Parasite
Miles MA et al
1980 Tr Roy Soc Trop Med and Hyg 74 (2) 243-252 Wa
Leishmania mexicana amazonensis, L. hertigi subsp., methods for enzymic characterization, possible use in identification
- Enzymes, Parasite
Miles MA et al
1981 Tr Roy Soc Trop Med and Hyg 75 (4) 524-529 Wa
Leishmania b. braziliensis, L. b. guyanensis, L. mexicana amazonensis, enzymic profiles, biochemical separation; inability to separate L. b. guyanensis from 4 stocks of L. b. panamensis by electrophoresis of 10 enzymes
- Enzymes, Parasite
Miles MA et al
1981 Tr Roy Soc Trop Med and Hyg 75 (5) 667-674 Wa
Trypanosoma cruzi, distribution and host associations of zymodemes 1 and 3 in Para State, North Brazil
- Enzymes, Parasite
Miles MA et al
1981 Lancet London (8234) 1 June 20 1338-1340 Wa
Trypanosoma cruzi, comparison of radically dissimilar enzymic strains (zymodemes Z1, Z2, Z3) from endemic and non-endemic areas of Venezuela and Brazil, findings suggest that these zymodemes may represent subspecific groups of fundamental epidemiological and medical importance
- Enzymes, Parasite
Mishra GC; Sharma PN
[1980] Riv Parassitol Roma 39 (2-3) 1978 97-101 Issued Jan Wa
Poecilobdella granulosa, effect of cobra venom on phosphatase system
- Enzymes, Parasite
Morrow CD; Flory B; Krassner SM
1980 Comp Biochem and Physiol 66B (2) 307-311 Wa
Leishmania donovani, polyamine changes during transformation, evidence for spermine in amastigote stage; ornithine decarboxylase activity in all stages
- Enzymes, Parasite
Mukkada AJ
1977 Acta Trop 34 (2) June 167-175 Wa
Leishmania spp., enzymes of tricarboxylic acid and glyoxylate cycles, review
- Enzymes, Parasite
Musisi FL et al
1981 Research Vet Sc 30 (1) Jan 38-43 Wa
Theileria lawrencei-, T. parva-, and T. annulata-infected bovine lymphoblastoid cell lines, isoenzyme variants, promising method of distinguishing species or subspecies of Theileria but there are difficulties in identifying host and theilerian enzymes with certainty
- Enzymes, Parasite
Nakanishi N et al
1979 Josai Shika Daigaku Kiyō (Bull Josai Dental Univ) 8 (1) 15-21 Wm
Crithidia fasciculata, tetrahydropterin content analyzed in a phenylalanine hydroxylation system, both pterin and dihydropteridine reductase found in cells

- Enzymes, Parasite
Nakanisi N et al
1980 Josai Shika Daigaku Kiyo (Bull Josai Dental Univ) 9 (1) 7-10 Wm
Crithidia fasciculata, catalytic properties of dihydropteridine reductase
- Enzymes, Parasite
Nechay BR; Hillman GR; Dotson MJ
1980 J Parasitol 66 (4) Aug 596-600 Wa
Schistosoma mansoni, effects of ions and anti-schistosomal drugs on in vitro ATPase activity
- Enzymes, Parasite
Nellaiappan K; Ramalingam K
1980 J Parasitol 66 (2) Apr 217-219 Wa
Paraplerurus sauridae, specificity of phenol-oxidase, possible metabolic pathway of sclerotization
- Enzymes, Parasite
Nellaiappan K; Ramalingam K
1980 Molec and Biochem Parasitol 2 (2) Dec 109-112 Wa
Paraplerurus sauridae, prophenoloxidase and its activation
- Enzymes, Parasite
Njogu RM; Whittaker CJ; Hill GC
1980 Molec and Biochem Parasitol 1 (1) Mar 13-29 Wa
Trypanosoma brucei, characterization of terminal oxidases and determination of their contribution to total cell respiration, evidence for branched electron transport chain
- Enzymes, Parasite
Nolan LL; Kidder GW
1980 Antimicrob Agents and Chemotherapy 17 (4) Apr 567-571 Wm
trypanosomid flagellates, inhibition of growth and of purine-metabolizing enzymes by N⁶-methyladenine
- Enzymes, Parasite
North MJ; Coombs GH
1981 Molec and Biochem Parasitol 3 (5) Sept 293-300 Wa
Leishmania mexicana amastigotes and promastigotes, proteinases, analysis and characterization by gel electrophoresis and by use of inhibitors
- Enzymes, Parasite
Odoro KK; Bowman IBR; Flynn IW
1980 Exper Parasitol 50 (2) Oct 240-250 Wa
Trypanosoma brucei, preparation and some properties of multienzyme complex catalysing part of glycolytic pathway
- Enzymes, Parasite
Odoro KK; Flynn IW; Bowman IBR
1980 Exper Parasitol 50 (1) Aug 123-135 Wa
Trypanosoma brucei, activities and subcellular distribution of glycolytic enzymes from cells subjected to different disruption procedures
- Enzymes, Parasite
Omar MS; Nathan MB
1979 Tropenmed u Parasitol 30 (4) Dec 475-476 Wa
Mansonella ozzardi, microfilariae from Trinidad, West Indies, histochemical pattern of acid phosphatase activity, can be used to differentiate from other human microfilariae
- Enzymes, Parasite
Opperdoes FR
1981 Molec and Biochem Parasitol 3 (3) July 181-186 Wa
Trypanosoma brucei, rapid method for isolation of intact glycosomes by Percoll-gradient centrifugation in vertical rotor, glycolytic enzymes of isolated glycosomes exhibit high lability indicative of intact glycosomal membrane
- Enzymes, Parasite
Orellano E; Cazzulo JJ
1981 Molec and Biochem Parasitol 3 (1) May 1-11 Wa
Crithidia fasciculata, NADP-linked malic enzyme, purification, kinetic and regulatory properties
- Enzymes, Parasite
O'Sullivan WJ; Ketley K
1980 Ann Trop Med and Parasitol 74 (2) Apr 109-114 Wa
Plasmodium berghei, biosynthesis of uridine monophosphate, high activities of orotate phosphoribosyltransferase and orotidylate decarboxylase, inhibition of enzymes by 5-azaorotate, 5-azauracil, and 6-azauracil, 5-azaorotate was most effective and could serve as prototype of potential antimalarial
- Enzymes, Parasite
Otsuka H; Sugiura K; Goto M
1980 Biochim et Biophys Acta 629 (1) Apr 17 69-76 Wa
Ascaris lumbricoides suum, bioprotein biosynthesis, sepiapterin synthetase activity
- Enzymes, Parasite
Palmer FBSC
1981 Canad J Biochem 59 (7) July 469-476 Wa
Crithidia fasciculata, phosphatidyl-myo-inositol-4,5-bisphosphate phosphatase, purification, properties
- Enzymes, Parasite
Pappas PW
1980 Ohio State Univ Biosc Colloq (5) 145-172 Wm; Wa
enzyme interactions at host-parasite interface, review
- Enzymes, Parasite
Pappas PW
1980 J Parasitol 66 (6) Dec 914-919 Issued May 6 1981 Wa
Hymenolepis diminuta, phosphohydrolase activity of isolated brush-border membrane following sodium dodecyl sulfate-polyacrylamide gel electrophoresis
- Enzymes, Parasite
Pappas PW
1981 Exper Parasitol 51 (2) Apr 209-219 Wa
Hymenolepis diminuta, partial characterization of membrane-bound nucleotidase activities (ATPase and 5'-nucleotidase) in isolated brush border membrane
- Enzymes, Parasite
Paul JM; Barrett J
1980 Internat J Parasitol 10 (2) Apr 121-124 Wa
Hymenolepis diminuta, Moniezia expansa, peroxidase metabolism

- Enzymes, Parasite
Payne DM; Powley DG; Harris BG
[1980] J Parasitol 65 (6) Dec 1979 833-841 Is-
sued Apr 2 Wa
Ascaris suum, fumarase, purification, charac-
terization, and presumptive role in energy
metabolism
- Enzymes, Parasite
Peters W et al
1981 Ann Trop Med and Parasitol 75 (2) Apr 247-
249 Wa
Leishmania, identity of some stocks isolated in
India, isoenzyme characterization, excreted
factor serotypes
- Enzymes, Parasite
Pietrzak SM; Saz HJ
1981 Molec and Biochem Parasitol 3 (1) May 61-
70 Wa
Fasciola hepatica, Spirometra mansonioides,
succinate decarboxylation to propionate and
associated phosphorylation
- Enzymes, Parasite
Probert AJ et al
1981 J Helminth 55 (2) June 115-122 Wa
Fasciola gigantica, Fasciolopsis buski, Param-
phistomum explanatum, effect of various ant-
helmintics and inhibitors on malate dehydro-
genase activity and mortality
- Enzymes, Parasite
Rai GP et al
1980 Indian J Exper Biol 18 (1) Jan 84-85 Wa
Entamoeba histolytica, lysosomal enzymes in
axenically grown strain NIH-200 passaged
through cholesterol
- Enzymes, Parasite
Rangel HA et al
1981 Exper Parasitol 52 (2) Oct 199-209 Wa
Trypanosoma cruzi, isolation and characteriza-
tion of proteinase
- Enzymes, Parasite
Rangel HA et al
1981 Tropenmed u Parasitol 32 (2) June 87-92 Wa
Trypanosoma cruzi, isolation and characteriza-
tion of proteinase common to epimastigote,
trypomastigote, and amastigote forms of dif-
ferent strains, induction of antibodies by
proteinase
- Enzymes, Parasite
Rassam MB; Al-Mudhaffar SA; Chance ML
1979 Ann Trop Med and Parasitol 73 (6) Dec 527-
534 Wa
Leishmania spp., characterization of visceral
and cutaneous stocks according to electro-
phoretic variation of enzymes: Iraq
- Enzymes, Parasite
Ready PD; Miles MA
1980 Tr Roy Soc Trop Med and Hyg 74 (2) 238-242
Wa
Trypanosoma cruzi, delimitation of zymodemes
by numerical taxonomy
- Enzymes, Parasite
Reich CI; Zorzopulos J
1980 Exper Parasitol 50 (2) Oct 272-277 Wa
Boophilus microplus, cattle, production of
antienzymes to larval tick phosphomonoester-
ases, kinetics suggest immunosuppression mecha-
nism operates during normal infestation; anti-
genic ability of 2 subcellular fractions of
larval extracts to induce antiphosphomonoester-
ases in guinea pigs
- Enzymes, Parasite
Reiner E; Simeon V; Skrinjaric-Spoljar M
1980 Comp Biochem and Physiol 66C (2) 149-152
Wa
hydrolysis of DDVP by esterases in parasitic
helminths and in vertebrate plasma and erythro-
cytes, selectivity of DDVP as anthelmintic does
not rest upon qualitative difference in ability
of mammals and parasites to detoxify it by
hydrolysis
- Enzymes, Parasite
Reynolds CH
1980 Comp Biochem and Physiol 65B (3) 481-487
Wa
Hymenolepis diminuta, phosphoenolpyruvate car-
boxykinases from rat-liver and from tapeworm,
comparison with respect to metal-ion activa-
tion, nucleotide specificity, kinetic para-
meters, and inhibition
- Enzymes, Parasite
Rhoads ML
1981 J Biol Chem 256 (17) Sept 10 9316-9321 Wa
Stephanurus dentatus, cholinesterase activity
(compared with Oesophagostomum radiatum and
Nippostrongylus brasiliensis), tissue locali-
zation, isolation of secretory cholinesterase
from excretory gland cells, purification,
characterization (biochemical, kinetic, and
antigenic properties), sex dependence
- Enzymes, Parasite
Ribaux CL; Magloire H
1980 J Biol Buccale 8 (3) Sept 213-228 Wm
Trichomonas tenax, ultrastructural study of
flagella, intra-cellular distribution and meta-
bolism of acid phosphatase
- Enzymes, Parasite
Ribeiro LP; Ferreira MFA; Andrade CM
1981 Comp Biochem and Physiol 69B (4) 859-864
Wa
Toxocara canis, compartmentalization and one-
step separation of enzymes of malate metabolism
in muscle extracts
- Enzymes, Parasite
Rioux JA et al
1980 Compt Rend Acad Sc Paris 291 s D Sc Nat
(8) Oct 27 701-703 Wa
Leishmania infantum identified from 2 human
cases of oriental sore on basis of
electrophoretic analysis of 8 isoenzymes:
Pyrenees Orientales
- Enzymes, Parasite
Rogerson GW; Gutteridge WE
1980 Internat J Parasitol 10 (2) Apr 131-135 Wa
Trypanosoma cruzi, epimastigotes, trypomasti-
gotes, amastigotes, catabolic metabolism: en-
dogenous energy reserves, exogenous substrates
utilized, enzyme complements
- Enzymes, Parasite
Rosario V
1981 Science (4498) 212 May 29 1037-1038 Wa
Plasmodium falciparum, cultured isolate
characterized by 2 electrophoretic forms of
glucose phosphate isomerase, establishment of
clones characterized by only single enzyme
forms
- Enzymes, Parasite
Rotmans JP
1980 Acta Leidensia 48 29-36 Wa
Schistosoma mansoni, glycogen synthase, par-
tial purification and characterization

- Enzymes, Parasite
 Rovis L; Baekkeskov S
 1980 Parasitology 80 (3) June 507-524 Wa
 Trypanosoma brucei, subcellular fractions, isolation, partial purification, chemical and enzymatic characterization, special emphasis on plasma membranes
- Enzymes, Parasite
 Roy TK
 1980 Indian J Exper Biol 18 (4) Apr 385-392 Wa
 Ceylonocotyle scoliocoelium, nonspecific and specific phosphatases, tissue distribution and functional significance
- Enzymes, Parasite
 Roy TK
 1980 Indian J Exper Biol 18 (8) Aug 872-876 Wa
 Ceylonocotyle scoliocoelium, cytochemical distribution of nonspecific esterase, acetylcholinesterase, and pseudocholinesterase in various tissues
- Enzymes, Parasite
 Roy TK
 1980 J Helminth 54 (3) Sept 219-222 Wa
 Raillietina johri, histochemical localization of nonspecific esterase, acetylcholinesterase, and pseudocholinesterase, possible involvement of these enzymes in physiology of parasite
- Enzymes, Parasite
 Rumjanek FD
 1980 Comp Biochem and Physiol 65B (2) 345-349 Wa
 Schistosoma mansoni, mannolipid participating in glycosyl transferase reaction, partial purification and characterization
- Enzymes, Parasite
 Rupova L; Keilova H
 1979 Ztschr Parasitenk 61 (1) 83-91 Wa
 Fasciola hepatica, acid protease, isolation and characteristic properties
- Enzymes, Parasite
 de Sa MFG et al
 1980 J Protozool 27 (3) Aug 253-257 Issued Oct 9 Wa
 Crithidia brasiliensis sp. n. from Zelus sp. (alimentary tract contents), isolation and cloning, growth pattern, morphology, biochemical analyses (isoenzyme pattern, histone pattern, cleavage of kDNA with restriction endonucleases): Brasilia, Distrito Federal, Brazil
- Enzymes, Parasite
 Sanderson A; Walliker D; Molez JF
 1981 Tr Roy Soc Trop Med and Hyg 75 (2) 263-267 Wa
 Plasmodium falciparum, enzyme typing of freeze-dried and freshly cultured isolates from African and some other Old World countries
- Enzymes, Parasite
 Sargeant PG et al
 1980 Tr Roy Soc Trop Med and Hyg 74 (5) 653-656 Wa
 Entamoeba histolytica and other intestinal amoebae isolated from hospital patients, identification by isoenzyme electrophoretic patterns, separation into groups which may indicate pathogenicity: Mexico City
- Enzymes, Parasite
 Sargeant PG; Williams JE; Neal RA
 1980 Tr Roy Soc Trop Med and Hyg 74 (4) 469-474 Wa
 Entamoeba histolytica, 'Entamoeba histolytica-like' amoebae, E. moshkovskii, E. invadens, E. chattoni, grouping according to isoenzyme electrophoretic patterns, E. polecki is indistinguishable from E. histolytica
- Enzymes, Parasite
 Saz HJ; Pietrzak SM
 1980 Arch Biochem and Biophys 202 (2) July 388-395 Wa
 Ascaris lumbricoides var. suum, phosphorylation associated with succinate decarboxylation to propionate in mitochondria
- Enzymes, Parasite
 Schmidt SP; Platzer EG
 1980 J Invert Path 36 (2) Sept 149-158 Wa
 Romanomeris culicivora, protein patterns and protease activities in parasite homogenates and in hemolymph of infected and uninfected Culex pipiens
- Enzymes, Parasite
 Schnur LF et al
 1981 Ann Trop Med and Parasitol 75 (2) Apr 131-144 Wa
 Leishmania strains isolated in Old and New World from human visceral cases, dogs, and wild animals thought to be reservoirs of human visceral leishmaniasis, biochemical and serological taxonomy (nuclear and kinetoplast DNA buoyant densities, excreted factor serotypes, and electrophoretic mobilities of enzymes), ability of L. tropica-like organisms to visceralize, non-L. tropica organisms considered as essentially being single complex that is widely distributed in world
- Enzymes, Parasite
 Schulman MD; Valentino D
 1981 Molec and Biochem Parasitol 2 (5-6) Apr 309-321 Wa
 Fasciola hepatica, phosphoglycerate kinase, purification and characterization
- Enzymes, Parasite
 Seed JL; Bennett JL
 1980 Exper Parasitol 49 (3) June 430-441 Wa
 Schistosoma mansoni, role of phenol oxidase in eggshell formation
- Enzymes, Parasite
 Seed JL; Kilts CD; Bennett JL
 1980 Exper Parasitol 50 (1) Aug 33-44 Wa
 Schistosoma mansoni, evidence that L-tyrosine is substrate for phenol oxidase in vivo, concluded that it would be difficult if not impossible to control egg production in female schistosomes by limiting substrate availability
- Enzymes, Parasite
 Senft AW; Goldberg MW; Byram JE
 1981 Am J Trop Med and Hyg 30 (1 pt 1) Jan 96-101 Wa
 Schistosoma mansoni-infected mice, acid-active hemoglobinolytic enzyme in serum, source of enzyme not unequivocally proven but present evidence suggests it is of worm origin

- Enzymes, Parasite
Seniuta R
1979 Acta Med Polona 20 (1) 41-42 Wm
Trichinella spiralis, ultrastructural localization of cytoplasmic phosphatases in intestinal form
- Enzymes, Parasite
Sharma AN; Sharma PN
1980 Indian J Exper Biol 18 (11) Nov 1282-1287 Wa
Ceylonocotyle scoliocoelium, histochemical localization of proteins, lipids, glycogen, DNA, RNA, acid phosphatase, and succinate dehydrogenase in various stages of spermatogenesis
- Enzymes, Parasite
Sharma PN; Mandawat S; Sharma AN
1981 J Helminth 55 (2) June 141-148 Wa
Ceylonocotyle scoliocoelium, Mehlis' gland, non-enzymatic and enzymatic histochemistry, physiological implications
- Enzymes, Parasite
Sharma PN; Sharma AN
1981 J Helminth 55 (3) Sept 223-229 Wa
Ceylonocotyle scoliocoelium, neurosecretory cells, histochemical tests for enzymes and non-enzymatic substances
- Enzymes, Parasite
Sharpe MJ; Lee DL
1981 Molec and Biochem Parasitol 3 (1) May 57-60 Wa
Nematospiroides dubius, Trichostrongylus colubriformis, changes in level of acetylcholinesterase following paralysis by levamisole in vivo, differences explained in terms of differing roles of enzyme in these two species
- Enzymes, Parasite
Sherman IW
1979 Microbiol Rev 43 (4) Dec 453-495 Wa
Plasmodium, life cycle, biochemical determinants of parasite specificity for host cells, morphology and growth of blood stages, morphological alterations of infected cells, membrane structure and function in malaria, metabolic pathways (carbohydrate transport and metabolism; nucleic acids; protein synthesis; lipid biosynthesis; vitamins and cofactors; cation alterations), review
- Enzymes, Parasite
Sherman IW; Tanigoshi L
1981 Biochem Parasites (Slutzky) 137-149 Wa
Plasmodium lophurae, cathepsin D-like enzyme, isolation, partial purification and characterization
- Enzymes, Parasite
Shirley MW; Rollinson D
1979 Symposia Brit Soc Parasitol 17 7-30 Wa
Eimeria spp., recognition and characterization of populations, review: established approaches (morphology, site and host specificity, pathogenicity, immunological specificity), new approaches (enzyme electrophoresis, genetic studies, DNA buoyant density analyses)
- Enzymes, Parasite
Siddiqui J; Nizami WA
1981 Internat J Parasitol 11 (2) Apr 115-119 Wa
Clinostomum complanatum, metacercariae, total lipid and lipid fractions, phospholipid fractions, lipase activity
- Enzymes, Parasite
Simpkin KG; Chapman CR; Coles GC
1980 Exper Parasitol 49 (2) Apr 281-287 Wa
Fasciola hepatica, proteolytic digestive enzyme, purification and characterization
- Enzymes, Parasite
Simpson AJG et al
1981 Parasitology 83 (1) Aug 163-177 Wa
Schistosoma mansoni, tegumental outer membrane of adult worms, method for isolation, partial biochemical and morphological characterization
- Enzymes, Parasite
Skotarczak B
1980 Folia Biol Warszawa 28 (1) 63-67 Wa
Balantidium coli, distribution and activity of acid phosphatase, alkaline phosphatase, and glucose-6-phosphatase in trophozoites taken from cultures of different ages
- Enzymes, Parasite
Skotarczak B
1980 Folia Biol Warszawa 28 (2) 171-175 Wa
Balantidium coli, activity of oxydoreductive enzymes in trophozoites taken from cultures of different ages
- Enzymes, Parasite
Sokhina LI; Koloskova TG
1978 Trudy Gel'mintol Lab Akad Nauk SSSR 28 104-108 Wa
nematodes of mammals, birds, or fish, enzyme activity in relation to host thermal regime, factor in adaptation to parasitism
- Enzymes, Parasite
Southgate VR et al
1980 Ztschr Parasitenk 63 (3) 241-249 Wa
Schistosoma bovis isolate from Tanzania, egg morphology, snail infection experiments, enzyme types identified by isoelectric focusing, intraspecific variation
- Enzymes, Parasite
de Souza W; Angluster J; Bunn MM
1977 J Submicroscopic Cytol 9 (4) 355-361 Wa
Herpetomonas samuelpessoai grown in defined medium with or without glucose, cytochemical detection of cytochrome oxidase in mitochondrion-kinetoplast complex
- Enzymes, Parasite
Steiger RF et al
1979 Acta Trop 36 (4) Dec 335-341 Wa
Crithidia spp., Leishmania donovani, Trypanosoma cruzi, T. brucei, acid hydrolases
- Enzymes, Parasite
Steiger RF; Opperdoes FR; Bontemps J
1980 European J Biochem 105 (1) Mar 17 163-175 Wa
Trypanosoma brucei bloodstream forms, subcellular fractionation with reference to enzymes as potential markers representative of different subcellular components with special emphasis on digestive system in order to provide baseline for evaluation of endocytotic and digestive capacity
- Enzymes, Parasite
Taft SJ
1979 Proc Helminth Soc Washington 46 (1) Jan 64-69 Issued Mar 14 Wa
Cyclocoelum oculoem from Fulica americana (orbit), histochemistry of miracidial and early redial stages

- Enzymes, Parasite
Tait A
1980 Nature London (5782) 287 Oct 9 536-538 Wa
Trypanosoma brucei brucei, series of isolates screened for electrophoretic variation in 19 enzymes, strong evidence that trypanosomes are diploid and undergo random mating and recombination
- Enzymes, Parasite
Takeuchi T et al
1981 Internat J Parasitol 11 (3) June 209-215 Wa
Entamoeba histolytica, Ca²⁺-dependent nucleotidases, localization and characterization
- Enzymes, Parasite
Takeuchi T; Fujiwara T; Akao S
1980 J Parasitol 66 (4) Aug 591-595 Wa
Toxoplasma gondii, Na⁺, K⁺-dependent ATPase activity, effect of K⁺ on in vitro protein synthesis and NAD pyrophosphorylase
- Enzymes, Parasite
Tandon RS; Misra KC
1980 J Helminth 54 (4) Dec 259-262 Wa
Fasciola indica, threonine and serine dehydratase activity
- Enzymes, Parasite
Taylor MB et al
1980 Internat J Biochem 11 (2) 117-120 Wm
parasitic flagellated protozoa, subcellular localization of some glycolytic enzymes, glycosome is probably organelle unique to members of Kinetoplastida
- Enzymes, Parasite
Thaithong S; Sueblinwong T; Beale GH
1981 Tr Roy Soc Trop Med and Hyg 75 (2) 268-270 Wa
Plasmodium falciparum, enzyme typing of some isolates from Thailand and Cambodia
- Enzymes, Parasite
Tibayrenc M; Cariou ML; Sogniac M
1981 Compt Rend Acad Sc Paris 292 s III Sc Vie (9) Mar 2 623-625 Wm
Trypanosoma cruzi (several strains), T. rangeli, Leishmania b. brasiliensis, analysis of enzyme variability, genetic interpretation of zymograms
- Enzymes, Parasite
Tizard IR et al
1980 Research Vet Sc 28 (2) Mar 178-184 Wa
Trypanosoma theileri in vitro, production of haemolysins, phospholipases, complement activating factors, and mitogens, levels produced compatible with known low pathogenicity
- Enzymes, Parasite
Torruella M et al
1981 Comp Biochem and Physiol 70B (3) 463-468 Wa
Trypanosoma cruzi, 6 stocks, T. rangeli, 3 stocks, glutamate dehydrogenases, proteolytic activities, levels and properties, 3 stocks of T. rangeli were more similar to some T. cruzi stocks than the latter were to each other
- Enzymes, Parasite
Tuttle JV; Krenitsky TA
1980 J Biol Chem 255 (3) Feb 10 909-916 Wa
Leishmania donovani promastigotes found to contain 3 distinct purine phosphoribosyltransferases
- Enzymes, Parasite
Umezurike GM; Anya AO
1980 Comp Biochem and Physiol 65B (3) 575-577 Wa
Fasciola gigantica, membrane-bound nicotinamide nucleotide transhydrogenase activity in sub-mitochondrial particles
- Enzymes, Parasite
Umezurike GM; Anya AO
1980 Internat J Parasitol 10 (3) June 175-180 Wa
Fasciola gigantica, carbohydrate energy metabolism
- Enzymes, Parasite
Varndell IM
1981 Ztschr Parasitenk 65 (2) 143-151 Wa
Haplosporidium malacobdellae from Amphiporus lactifloreus, distribution of several enzymes and metabolites within various life cycle stages of parasite, histochemical analysis
- Enzymes, Parasite
Varndell IM
1981 Ztschr Parasitenk 65 (2) 153-162 Wa
Haplosporidium malacobdellae from Amphiporus lactifloreus, catechol oxidase and peroxidase activities demonstrated in parasite tissues at various life cycle stages using variety of substrates and metabolic effectors, histochemistry, cytochemical demonstration of phenol and quinone groups in infected host tissue, possible function for enzymes in quinone tanning process of spore wall formation proposed
- Enzymes, Parasite
Vasanthakumari S; Prasad RS
1979 Entom Month Mag (1372-1375) 114 Sept-Dec 1978 199-200 Issued Dec 14 Wa
Xenopsylla cheopis, X. astia, distribution of digestive enzymes, preliminary survey
- Enzymes, Parasite
Venkatanarsaiah J
1981 Parasitology 82 (2) Apr 241-244 Wa
Pricea multae, oncomiracidium, histochemical localization of cholinesterase activity in nervous system, tegumental and sub-tegumental musculature, and in pharyngeal bulb
- Enzymes, Parasite
Visser N; Opperdoes FR
1980 European J Biochem 103 (1-3) Jan-Feb 623-632 Wa
Trypanosoma brucei, glycolysis
- Enzymes, Parasite
Visvesvara GS; Healy GR
1980 Tr Roy Soc Trop Med and Hyg 74 (3) 411-412 Wa
Naegleria fowleri, N. gruberi, differences in disc electrophoretic patterns of esterase isoenzymes
- Enzymes, Parasite
Voorheis HP; Martin BR
1980 European J Biochem 113 (1) Dec 15 223-227 Wm
Trypanosoma brucei, 'swell dialysis' demonstrates that adenylate cyclase is regulated by calcium ions, physiological function of calcium activation of adenylate cyclase not established but possible role in change of surface coat in bloodstream forms should be considered

- Enzymes, Parasite
Voorheis HP; Martin BR
1981 European J Biochem 116 (3) June 1 471-477
Wm
Trypanosoma cruzi, characteristics of calcium-mediated mechanism activating adenylate cyclase
- Enzymes, Parasite
Walter RD
1979 Tropenmed u Parasitol 30 (4) Dec 463-465
Wa
Dirofilaria immitis, lactate dehydrogenase, partial purification and characterization, inhibition by suramin; suramin may have similar action against Onchocerca volvulus lactate dehydrogenase
- Enzymes, Parasite
Walter RD
1980 Molec and Biochem Parasitol 1 (3) June 139-142 Wa
Trypanosoma gambiense, inhibition of protein-kinase I by suramin
- Enzymes, Parasite
Walter RD
1981 Biochem Parasites (Slutsky) 151-167 Wa
Leishmania, correlation between cyclic AMP and proliferation and transformation of promastigotes and amastigotes, regulation of cyclic AMP metabolism
- Enzymes, Parasite
Walter RD; Koenigk E
1980 Methods Enzymol 66 564-570 Wa
Plasmodium chabaudi, 7,8-dihydropteroate-synthesizing enzyme
- Enzymes, Parasite
Walter RD; Schulz-Key H
1980 Tropenmed u Parasitol 31 (1) Mar 55-58 Wa
Onchocerca volvulus, lactate dehydrogenase and malate dehydrogenases, partial purification and characterization, inhibition by suramin
- Enzymes, Parasite
Wang CC; Simashkevich PM
1981 Proc National Acad Sc 78 (11) Biol Sc Nov 6618-6622 Wa
Eimeria tenella, lack of de novo purine synthesis, purine salvage enzymes, characterization and purification of hypoxanthine-xanthine-guanine phosphoribosyltransferase (HXGPRTase), kinetic studies of HXGPRTase
- Enzymes, Parasite
Weber G
1980 J Protozool 27 (1) Feb 59-71 Issued Apr 28
Wa
Babesia bigemina kinetes in hemolymph of B. ophilus microplus, Babesia ovis kinetes in hemolymph and ovary of Rhipicephalus bursa, ultrastructure and enzyme cytochemistry of pellicle and apical complex
- Enzymes, Parasite
Weber G
1980 J Parasitol 66 (6) Dec 904-913 Issued May 6
1981 Wa
Babesia ovis, erythrocytic stage, sporozoites in salivary glands of Rhipicephalus bursa, Theileria annulata, sporozoites in salivary glands of Hyalomma anatolicum excavatum, ultrastructural demonstration of succinic dehydrogenase and cytochrome oxidase activity in mitochondria
- Enzymes, Parasite
Whitten CJ
1980 Ann Entom Soc Am 73 (1) Jan 15 7-10 Wa
Cochliomyia hominivorax, isozyme technique to assess the quality of mass-reared sterile flies released in the Screwworm Eradication Program 1975-1976; direct correlation between average daily temperature and frequencies of heterozygous α -glycerophosphate dehydrogenase genotypes among native and post-release flies: Texas
- Enzymes, Parasite
Wilfred M; Lee DL
1981 Internat J Parasitol 11 (6) Dec 485-492 Wa
Bunostomum trigonocephalum, observations on buccal capsule and associated glands, possible role of various structures and enzymes during feeding
- Enzymes, Parasite
Wong TCS; Desser SS
1980 Canad J Zool 58 (2) Feb 207-214 Wa
Leucocytozoon dubreuilii, Turdus migratorius (exper.), pathological alterations of parasitized and non-parasitized hepatocytes and renal proximal tubular cells, acid and alkaline phosphatase activities and glycogen distribution determined in parasite and in infected and non-infected host cells
- Enzymes, Parasite
Woodhead AD; Achey PM
1981 J Parasitol 67 (3) June 368-371 Wa
Hymenolepis diminuta, photoreactivating enzyme activity, may be important in preserving integrity of embryonic DNA during free-living stage
- Enzymes, Parasite
Wright CA; Ross GC
1980 Tr Roy Soc Trop Med and Hyg 74 (3) 326-332
Wa
Schistosoma haematobium, S. mattheei, laboratory-bred hybrids, natural hybrids from human infections in Transvaal, biological features, identification by isoelectric focusing of enzymes, possible practical implications
- Enzymes, Parasite
Wright IG; Goodger BV; Mahoney DF
1981 J Protozool 28 (1) Feb 118-120 Issued June 18 Wa
Babesia bovis, virulent and avirulent strains, relationship between parasite protease content and pathophysiological effect of strains in cattle
- Enzymes, Parasite
Yamada KA; Sherman IW
1981 Molec and Biochem Parasitol 2 (5-6) Apr 349-358 Wa
Plasmodium lophurae, purine metabolizing enzymes of parasite and of its host cell (Anas domesticus erythrocyte)
- Enzymes, Parasite
Yarlett N; Lloyd D
1981 Molec and Biochem Parasitol 3 (1) May 13-17 Wa
Crithidia fasciculata, effects of inhibitors on mitochondrial adenosine triphosphatase, unusual pattern of specificities

Enzymes, Parasite

- Yawetz A; Agosin M
1981 Comp Biochem and Physiol 68B (2) 237-243
Wa
Trypanosoma cruzi, glutathione-S-transferase, purification, substrate specificity and inhibition kinetics, may play role in resistance of T. cruzi to known antimicrobial agents

Enzymes, Parasite

- Zillmann U; Voelker J
1980 Tropenmed u Parasitol 31 (1) Mar 15-20 Wa
Paragonimus ecuadoriensis, species characterization by isoenzyme electrophoresis, comparison with P. africanus and P. uterobilateralis

Eosinophilia See Eosinophils

Eosinophilia, Tropical

- Carne B et al
1981 Nouv Presse Med 10 (22) May 16 1841 Wm
"poumon eosinophile filarien", 50-year-old man, case report: Assiut area, Egypt

Eosinophilia, Tropical

- Goldsmid JM; Nightingale R; Clark D
1980 Med J Australia 1 (13) June 28 667 Wm
filariasis, human, 2 imported cases (one case report of Loa loa, other of tropical eosinophilia): Tasmania

Eosinophilia, Tropical

- Gustavson-Moringlane IL; Bengtsson E
1981 Ann Trop Med and Parasitol 75 (6) Dec 615-621 Wa
filariasis, patients having or suspected of having onchocerciasis or dipetalonemiasis and 2 patients with tropical eosinophilia, level of eosinophilia following provocation with diethylcarbamazine

Eosinophilia, Tropical

- Samuel AM et al
1978 Indian J Med Research 68 Sept 444-449 Wa
tropical eosinophilia, human, immunoglobulin levels, cell-mediated immune response to 4 helminth antigens, evidence of sensitization to filarial antigen, effect of diethylcarbamazine treatment

Eosinophilia, Tropical

- Spry CJF
1981 Parasite Immunol 3 (1) Spring 1-11 Wa
tropical (filarial) eosinophilia patients, alterations in blood eosinophil morphology, binding capacity for complexed IgG, and kinetics

Eosinophils [See also Granulocytes; Leukocytes]

Eosinophils

- Ackerman SJ et al
1981 J Immunol 127 (3) Sept 1093-1098 Wm
Wuchereria bancrofti, human, eosinophilia and elevated serum levels of eosinophil major basic protein and Charcot-Leyden crystal protein after treatment with diethylcarbamazine

Eosinophils

- Andy JJ; Bishara FF; Soyinka OO
1981 Brit Heart J 45 (6) June 672-680 Wm
microfilaria-induced eosinophilia, humans, possible etiology in chronic endomyocardial fibrosis: Nigeria

Eosinophils

- Anteunis A et al
1980 Compt Rend Acad Sc Paris 290 s D Sc Nat (14) Apr 14 979-981 Wa
Trichinella spiralis, ultrastructural study of destruction of new born larvae by normal peritoneal cells (eosinophils and macrophages) in presence of immune serum

Eosinophils

- Anwar ARE; et al
1980 J Immunol 124 (3) Mar 1122-1129 Wm
Schistosoma mansoni, human eosinophil- and neutrophil-mediated killing of schistosomula in vitro, enhancement of complement-dependent damage by mast cell-derived mediators and formyl methionyl peptides

Eosinophils

- Bass DA et al
1980 J Clin Invest 66 (6) Dec 1265-1273 Wa
human eosinophils from normals compared with those from patients with eosinophilia of diverse etiologies

Eosinophils

- Bentley AG; Carlisle AS; Phillips SM
1981 Am J Trop Med and Hyg 30 (1 pt 1) Jan 102-112 Wa
Schistosoma mansoni, rats, initial and challenge infections, cellular response in lungs and liver, ultrastructural analysis

Eosinophils

- Bentley AG; Carlisle AS; Phillips SM
1981 Am J Trop Med and Hyg 30 (4) July 815-824 Wa
Schistosoma mansoni in resistant CDF rat and more susceptible BALB/c mouse, primary and challenge exposures, ultrastructural analysis of cellular response, inflammatory responses in skin

Eosinophils

- Berger OG; Hornstein MD
1980 Lancet London (8167) 1 Mar 8 553 Wa
eosinophilia in children with lead poisoning, possible associated parasitic infections such as larva migrans, alert for physicians

Eosinophils

- Borojevic R; Stocker S; Grimaud JA
1981 Brit J Exper Path 62 (5) Oct 480-489 Wa
Schistosoma mansoni-infected mice, hepatic eosinophil granulocytopenia

Eosinophils

- Brook I et al
1981 IC Infect Control 2 (4) July-Aug 317-320 Wm
increased rates of eosinophilia among children in institution for mentally retarded, serologic survey showed previous exposure to variety of parasites but principal cause of eosinophilia may be Toxocara infection due to frequent pica behavior and contact with resident animals: California

Eosinophils

Brown SJ; Knapp FW
1981 Parasitology 83 (1) Aug 213-223 Wa
Amblyomma americanum on guinea pigs, effect of acquired host resistance on tick feeding, color, and survival ability, histological responses of resistant hosts to tick feeding

Eosinophils

Capron A et al
1980 Am J Trop Med and Hyg 29 (5 pt 1) Sept 849-857 Wa
Schistosoma mansoni, rats, evidence for participation of anaphylactic antibodies in antibody-dependent cell-mediated cytotoxicity to schistosomes (IgE-macrophage interaction and IgG2a-eosinophil interaction), immune mechanisms regulating effector cell function, in vivo relevance, review

Eosinophils

Capron A; Dessaint JP
1981 Ann Immunol 132C (1) Jan-Feb 3-8 Wa
IgE, interaction with mast cells, basophils, eosinophils, macrophages, and lymphoid cells, regulatory function, review

Eosinophils

Capron M et al
1981 J Immunol 126 (5) May 1764-1768 Wm
Schistosoma mansoni, IgE-dependent cytotoxic capacity of rat eosinophils for schistosomula, mast cell products appear to play essential role in significantly increasing eosinophil cytotoxicity

Eosinophils

Capron M et al
1981 J Immunol 126 (6) June 2087-2092 Wm
Fc receptors for IgE on human and rat eosinophils, proportion of eosinophils bearing these receptors was significantly higher when eosinophils were obtained from hypereosinophilic patients or from Schistosoma mansoni-infected rats, role of these receptors in relation to dual function of eosinophils in antibody-dependent cytotoxicity and in regulation of immediate-type hypersensitivity

Eosinophils

Capron M et al
1981 Nature London (5793) 289 Jan 1-8 71-73 Wa
Schistosoma mansoni, demonstration that mast cell mediators like ECF-A (eosinophil chemotactic factor of anaphylaxis) tetrapeptides can not only promote eosinophil recruitment but also increase IgG-mediated eosinophil cytotoxicity against Schistosoma targets by enhancing expression of eosinophil IgG Fc receptors

Eosinophils

Carme B et al
1978 Bull Soc Path Exot 71 (6) Nov-Dec 465-471 Wa
Wuchereria bancrofti var. pacifica, humans with elephantiasis, biological aspects (microfilaremia, eosinophilia, immunoglobulins, specific antibodies in passive agglutination): French Polynesia

Eosinophils

Caulfield JP et al
1980 J Cell Biol 86 (1) July 46-63 Wa
Schistosoma mansoni, adherence of human neutrophils and eosinophils to schistosomula preincubated with antischistosomular sera with or without complement, evidence for membrane fusion between cells and parasites

Eosinophils

Caulfield JP et al
1980 J Cell Biol 86 (1) July 64-76 Wa
Schistosoma mansoni, partial and complete detachment of neutrophils and eosinophils from schistosomula, evidence for establishment of continuity between fused and normal parasite membrane

Eosinophils

Chang KP
1981 Am J Trop Med and Hyg 30 (2) Mar 322-333 Wa
Leishmania donovani, leishmanicidal mechanisms of human polymorphonuclear phagocytes

Eosinophils

Cioli D et al
1980 Cellular Immunol 53 (2) Aug 1 246-256 Wa
Schistosoma mansoni, rats, resistance to reinfection in various host strains and in thymectomized hosts, peripheral eosinophilia, liver morphology

Eosinophils

David JR et al
1980 N England J Med 303 (20) Nov 13 1147-1152 Wa
Schistosoma mansoni, eosinophils from patients with eosinophilia exhibit enhanced capacity to kill schistosomula in presence of antischistosomular serum in vitro, this enhanced killing ability correlated with number of eosinophils in peripheral blood whether or not patient had schistosomiasis

Eosinophils

David JR; Butterworth AE; Vadas MA
1980 Am J Trop Med and Hyg 29 (5 pt 1) Sept 842-848 Wa
Schistosoma mansoni, mechanism of interaction mediating killing of schistosomula by human eosinophils, review

Eosinophils

Davies C; Goose J
1981 Parasite Immunol 3 (2) Summer 81-96 Wa
Fasciola hepatica, killing of newly excysted juveniles in previously sensitized rats observed by light, scanning electron, and transmission electron microscopy, involvement of eosinophils and mast cells, neutrophils not actively involved in early stages of immune damage, C3 not bound to surface of challenge flukes either in vivo or in vitro in immune serum

Eosinophils

De Simone C et al
1980 Clin and Exper Immunol 39 (1) Jan 247-253 Wa
patients with parasitic diseases, formation of rosettes between human eosinophils and sheep erythrocytes, light and electron microscopic evidence of interaction, could be of diagnostic significance and might reflect qualitative or quantitative modifications in eosinophil population

Eosinophils

Dessein A et al
1981 Parasitology 82 (3) June 357-374 Wa
Schistosoma mansoni, immune evasion, loss of susceptibility to antibody- or complement-dependent eosinophil attack by schistosomula cultured in medium free of macromolecules

Eosinophils

Dessein AJ et al
1981 J Exper Med 153 (2) Feb 1 423-436 Wa
Trichinella spiralis, rats, selective suppression of IgE antibody response diminishes resistance and eosinophil response to infection

Eosinophils

Doy TG; Hughes DL; Harness E
1980 Research Vet Sc 29 (1) July 98-101 Wa
Fasciola hepatica, selective in vitro adherence by rat eosinophils to newly excysted flukes in presence of immune serum (independent of complement, not affected by age of sensitizing infection, and not induced by artificially raised antisera to dead fluke antigens)

Eosinophils

Doy TG; Hughes DL; Harness E
1981 Parasite Immunol 3 (2) Summer 171-180 Wa
Fasciola hepatica, rats, heterologous protection against challenge by prior infection with Nippostrongylus brasiliensis, resistance appeared to be associated with prior induction of intestinal eosinophilia

Eosinophils

Doy TG; Hughes DL; Harness E
1981 Research Vet Sc 30 (3) May 360-363 Wa
Fasciola hepatica, rats, hypersensitivity responses (intestinal mast cells, intestinal eosinophils, anaphylaxis, serum reagins), possible involvement in protection against challenge infection

Eosinophils

Duffus WPH; Franks D
1980 Clin and Exper Immunol 41 (3) Sept 430-440 Wa
Fasciola hepatica, in vitro effect of immune serum and bovine neutrophils and eosinophils on juvenile flukes

Eosinophils

Duffus WPH; Thorne K; Oliver R
1980 Clin and Exper Immunol 40 (2) May 336-344 Wa
Fasciola hepatica-infected cattle, isolation of eosinophils from mammary gland, purification of proteins from eosinophil granules, effect of eosinophil granule proteins and other polycations on juvenile F. hepatica in vitro

Eosinophils

Engelkirk PG; Williams JF; Signs MM
1981 Internat J Parasitol 11 (6) Dec 463-474 Wa
Taenia taeniaeformis, evidence of rapid non-specific cell adherence reaction to strobilocerci in vitro which is enhanced by fresh serum and is intensely destructive to distal tegument, results similar whether serum or cells were obtained from infected or non-infected donors, predominant cells were eosinophils, mast cells also present

Eosinophils

Ferraz CN et al
1980 AMB Rev Ass Med Brasil 26 (7) July 253-254 Wm
visceral larva migrans with associated eosinophilia, small child, diagnosis confirmed by hepatic biopsy, clinical case report: Sao Paulo

Eosinophils

Furukawa T; Niwa A; Miyazato T
1981 Internat J Parasitol 11 (4) Aug 287-300 Wa
Hymenolepis nana, structural changes of oncosphere associated with postembryonic development in unimmunized mice, damage to larvae possibly attributable to host immunity in immunized mice, ultrastructural level, interaction between host cells and parasite

Eosinophils

Gajanana A et al
1981 Indian J Med Research 73 Suppl Jan 97-106 Wa
Wuchereria bancrofti, infected and non-infected humans living under similar environmental conditions, assay of E and EAC rosette forming peripheral lymphocytes as well as total and differential WBC counts, neutropenia, eosinophilia, and unaltered lymphocyte counts observed in infected group: Pondicherry, India

Eosinophils

Galant SP et al
1980 South Med J 73 (4) Apr 435-437 Wm
Toxocara canis, diagnostic considerations, especially in children with eosinophilia, pica, and pet dogs, suggested immunoserological tests

Eosinophils

Geller Iiu; Perevoznikova NE
1978 Vrach Delo (9) Sept 131-133 Wm
echinococcosis, humans, peripheral blood values including eosinophilia of little use for diagnosis

Eosinophils

Glauert AM; Oliver RC; Thorne KJI
1980 Parasitology 80 (3) June 525-537 Wa
interaction of human eosinophils and neutrophils with inert antibody-coated non-phagocytosable surface is closely similar to their interaction with antibody-coated Schistosoma mansoni schistosomula, model for studying cell-mediated cytotoxic reactions

Eosinophils

Goulson HT; Ottolenghi A; Larsh JE jr
1981 Am J Trop Med and Hyg 30 (2) Mar 350-357 Wa
Strongyloides ratti, nonsensitized and sensitized rats after challenge, phospholipase B activity of intestines and lungs, number of eosinophils in bone marrow and peripheral blood, association between marrow eosinopoiesis and phospholipase B elevations is similar to that reported for other parasite models

Eosinophils

Goven AJ; Moore GW
1980 Ztschr Parasitenk 61 (3) 265-269 Wa
Trichinella spiralis, congenitally athymic (nude) mice (exper.), absence of increased bone marrow eosinophilia or elevation in intestinal phospholipase B activity

Eosinophils

Goven AJ; Moore GW
1980 Ztschr Parasitenk 61 (3) 265-269 Wa
Trichinella spiralis, congenitally athymic (nude) mice (exper.), absence of increased bone marrow eosinophilia or elevation in intestinal phospholipase B activity

Eosinophils

Greene BM; Taylor HR; Aikawa M
1981 J Immunol 127 (4) Oct 1611-1618 Wm
Onchocerca volvulus, eosinophil- and neutrophil-mediated immune serum-dependent destruction of microfilariae, IgG identified as antibody class binding to microfilariae, enhancement of killing in presence of fresh serum source in mechanism that appears to be dependent on activation of complement by alternative pathway

Eosinophils

Guerra-Caceres JG et al
1980 Parasite Immunol 2 (2) Summer 121-131 Wa
onchocerciasis, humans, mechanisms of adverse reactions produced by diethylcarbamazine (Mazotti reaction), does not appear to require generation of circulating immune complexes or systemic complement activation but eosinophils may be involved

Eosinophils

Gusmao RA; Stanley AM; Ottesen EA
1981 Exper Parasitol 52 (1) Aug 147-159 Wa
Brugia pahangi, inbred Lewis rats, cellular and humoral immune responses (blood leukocyte levels, antifilarial IgG and IgE antibody production, specific lymphocyte responses to mitogens and filarial antigens), findings suggest that development of specific IgE antibodies plays role in differential susceptibility to infection in these rats

Eosinophils

Gustavson-Moringlane IL; Bengtsson E
1981 Ann Trop Med and Parasitol 75 (6) Dec 615-621 Wa
filariasis, patients having or suspected of having onchocerciasis or dipetalonemiasis and 2 patients with tropical eosinophilia, level of eosinophilia following provocation with diethylcarbamazine

Eosinophils

Gustowska L; Ruitenber EJ; Elgersma A
1980 Parasite Immunol 2 (2) Summer 133-154 Wa
Trichinella spiralis, thymus-bearing vs. congenitally athymic mice, histological changes in gut, tongue, and 3 lymphoid tissues with special attention to eosinophils, specific antibody production

Eosinophils

Handlinger JH; Rothwell TLW
1981 Internat J Parasitol 11 (1) Feb 67-70 Wa
Trichostrongylus colubriformis, resistant and susceptible guinea-pigs, resting populations of basophil and eosinophil leucocytes and mast cells and their responses to infection

Eosinophils

Haque A et al
1981 J Immunol 127 (2) Aug 716-725 Wm
Dipetalonema viteae, IgE antibody in eosinophil- and macrophage-mediated in vitro killing of microfilariae

Eosinophils

Haroun EM; Hammond JA; Sewell MMH
1980 Research Vet Sc 28 (3) May 377-379 Wa
Fasciola hepatica, immature and mature infections stimulating resistance in rats but not rabbits, host differences (fluke numbers following challenge, peripheral eosinophil counts, serum glutamic dehydrogenase levels, response to enzyme-linked immunosorbent assays)

Eosinophils

Hassan HY et al
1978 Ain Shams Med J 29 (1-2) Jan-Mar 29-34 Wm
Wuchereria bancrofti, increased level of blood eosinophilia in patients with microfilaraemia vs. non-filaraemic individuals: village of Manshat El-Bakary near Cairo, Egypt

Eosinophils

Hogarth PM; et al
1980 J Immunol 124 (1) Jan 406-411 Wm
Mesocostoides corti, surface markers of purified peritoneal eosinophil population from infected BALB/c male mice

Eosinophils

Hsu SYL et al
1980 Ann Trop Med and Parasitol 74 (2) Apr 179-183 Wa
Schistosoma mansoni, histopathological sections of liver and gallbladder from human case of subacute infection reveal possible mode of action of eosinophils as effector cells in destruction of schistosome eggs in granulomas in vivo

Eosinophils

James SL; Sher A
1980 J Immunol 124 (4) Apr 1837-1844 Wm
Schistosoma mansoni, immune mechanisms that stimulate mouse leukocyte (eosinophil, neutrophil, macrophage) migration in response to schistosomula

Eosinophils

Jensen DL; Castro GA
1981 Exper Parasitol 52 (1) Aug 53-61 Wa
Trichinella spiralis, migration of rat peritoneal cells (predominantly eosinophils) toward parasite incubates, (normal or immune) rat serum, or (normal or immune) rat spleen cells, or combinations of these 3 components, results indicate generation in presence of rat serum of factors chemotactic for rat cells

Eosinophils

Johnson P et al
1981 Parasite Immunol 3 (1) Spring 69-80 Wa
Brugia pahangi, serum-mediated adherence of feline eosinophils and neutrophils to microfilariae in vitro, involvement of IgG and complement, effect of age or origin of microfilariae

Eosinophils

Jong EC; Mahmood AAF; Klebanoff SJ
1981 J Immunol 126 (2) Feb 468-471 Wm
Schistosoma mansoni, guinea pig eosinophil peroxidase or canine neutrophil peroxidase are capable of killing schistosomula in vitro when combined with hydrogen peroxide and a halide

Eosinophils

Kayes SG; Oaks JA
1980 Exper Parasitol 49 (1) Feb 47-55 Wa
Toxocara canis, mice, functioning T-lymphocyte population appears necessary for maximal eosinophil response

Eosinophils

Kazura JW et al
1981 J Clin Invest 67 (1) Jan 93-102 Wa
Schistosoma mansoni, role of cell-generated hydrogen peroxide in granulocyte-mediated killing of schistosomula in vitro

Eosinophils

Kazura JW; Aikawa M
1980 J Immunol 124 (1) Jan 355-361 Wm
Trichinella spiralis, eosinophil-mediated destruction of newborn larvae in vitro in presence of immune mouse serum, ultrastructural analysis of cell-parasite interaction; neutrophils were significantly less cytotoxic and mononuclear cells did not kill

Eosinophils

Kierszenbaum F; Ackerman SJ; Gleich GJ
1981 Am J Trop Med and Hyg 30 (4) July 775-779 Wa
Trypanosoma cruzi, destruction of bloodstream forms by eosinophil granule major basic protein

Eosinophils

Kipnis TL et al
1981 Am J Trop Med and Hyg 30 (1 pt 1) Jan 47-53 Wa
Trypanosoma cruzi, antibody-dependent killing of bloodstream forms by mouse eosinophils and neutrophils in vitro

Eosinophils

Knight R et al
1979 Ann Trop Med and Parasitol 73 (6) Dec 563-576 Wa
Wuchereria bancrofti, human, clinical findings, microfilaria counts, filarial serology, and filarial skin tests for different age groups and each sex; prevalence of non-filarial parasites, various serological parameters, mean IgE levels, and mean eosinophil counts in different age groups: Middle Fly River region, Western Papua New Guinea

Eosinophils

Knopf PM; Cioli D
1980 Internat J Parasitol 10 (1) Feb 13-19 Wa
Schistosoma mansoni, rats, resistance to infection with cercariae induced by transfer of live adult worms, concurrent induction of peripheral eosinophilia and anti-worm antibodies correlated with induction of resistance

Eosinophils

Lempereur C; Capron M; Capron A
1980 J Immunol Methods 33 (3) Apr 10 249-260 Wm
S[chistosoma] mansoni, identification and measurement of rat eosinophil phospholipase D, its activity on schistosomula phospholipids

Eosinophils

von Lichtenberg F; Byram JE
1980 Am J Trop Med and Hyg 29 (6) Nov 1286-1300 Wa
Schistosoma mansoni, primary and secondary infections in 4 mammalian laboratory hosts of variable natural susceptibility, leukocytic reactions to schistosomula in lungs, correlation with adult worm recoveries

Eosinophils

Lindor LJ et al
1981 J Immunol Methods 41 (1) Feb 27 125-134 Wm
effects of various conditions on recovery of eosinophils from peritoneal cavity of guinea pig, infection with Trichinella spiralis did not enhance peritoneal eosinophilia commensurate with that seen in peripheral blood

Eosinophils

Lloyd S
1980 Ztschr Parasitenk 61 (3) 213-221 Wa
Taenia saginata, calves, primary infection, treatment with albendazole, and challenge infection, haematological response, antigen-induced lymphocyte responsiveness

Eosinophils

Lopez AF; Strath M; Sanderson CJ
1981 Immunology 43 (4) Aug 779-786 Wa
IgG and complement receptors on purified mouse eosinophils and neutrophils (Mesocestoides corti superior to Trichinella spiralis and Taenia crassiceps in inducing large numbers of eosinophils in mouse peritoneal cavity)

Eosinophils

McKean JR; Anwar ARE; Kay AB
1981 Exper Parasitol 51 (3) June 307-317 Wa
Schistosoma mansoni, time and course of damage to schistosomula mediated by human eosinophils and neutrophils and by antibody and/or complement in vitro, comparison of schistosomula prepared mechanically or by skin penetration

Eosinophils

Mackenzie CD et al
1980 European J Immunol 10 (8) Aug 594-601 Wm
Trichinella spiralis, Nippostrongylus brasiliensis, various stages in life cycle, activation of complement and induction of antibodies by cuticle, effects of eosinophils, macrophages, neutrophils, and mast cells on viability of these nematodes following cellular attachment to cuticle via antibodies and/or C

Eosinophils

Mackenzie CD et al
1981 J Path 133 (2) Feb 161-175 Wa
Trichinella spiralis, Nippostrongylus brasiliensis, in vitro interaction of eosinophils, neutrophils, macrophages, and mast cells with nematode surfaces in presence of complement or antibodies, findings discussed in relationship to immunopathology of nematode infection in vivo

Eosinophils

McLaren DJ
1980 Trop Med Research Studies Ser (1) 229 pp Wm
Schistosoma mansoni, parasite surface in relation to host immunity, monograph

Eosinophils

Mahmoud AAF; Stone MK; Tracy JW
1979 Tr Ass Am Physicians 92 355-359 Wm
Schistosoma mansoni-infected mice, Trichinella spiralis-infected normal and nude mice, bone marrow and peripheral blood eosinophilia, serum eosinophilopoietin activity

Eosinophils

Mazingue C et al
1980 Internat Arch Allergy and Applied Immunol 63 (2) 178-189 Wa
Schistosoma mansoni, in vitro and in vivo inhibition of mast cell degranulation by factor obtained from parasite, this factor also inhibited IgG2a antibody-dependent eosinophil cytotoxicity against schistosomula, could partly explain low incidence of clinical allergic manifestations observed in parasitic diseases and might represent escape mechanism of parasite to antibody-dependent eosinophil cytotoxicity mechanism

Eosinophils

Mehta K et al
1981 Immunology 43 (1) May 117-123 Wm
Wuchereria bancrofti, nature of immunoglobulin and effector cells involved in antibody-dependent cell-mediated adhesion and cytotoxicity to microfilariae, diethylcarbamazine treatment of elephantiasis cases results in significant reduction in ability of their sera to promote cellular adhesion

Eosinophils

Moqbel R
1980 Parasite Immunol 2 (1) Spring 11-27 Wa
Strongyloides ratti, primary, secondary, and repeated infections of rats, histopathological changes with special reference to tissue eosinophils and mesenteric mast cells, effect of immunosuppression

Eosinophils

Moser G; Sher A
1981 J Immunol 126 (3) Mar 1025-1029 Wm
Schistosoma mansoni, studies of antibody-dependent killing of schistosomula employing haptenic target antigens, in vitro killing of TNP-schistosomula by human eosinophils and neutrophils

Eosinophils

Nelson WA; Kozub GC
1980 J Med Entom 17 (4) July 31 291-297 Wa
Melophagus ovinus, sheep (exper.), evidence that acquired host resistance is locally mediated and lost with subsequent non-exposure, suggestion of an immune component, histopathological studies show inflammatory reaction with eosinophils in high numbers

Eosinophils

Ngwenya BZ
1980 Parasitology 81 (1) Aug 17-26 Wa
Nippostrongylus brasiliensis- or Trichinella spiralis-infected lactating vs. nulliparous mice, depressed lysophospholipase B levels in intestine, reduced numbers of bone-marrow eosinophils, relation to worm expulsion

Eosinophils

Ogilvie BM; Askenase PW; Rose ME
1980 Immunology 39 (3) Mar 385-389 Wa
Nippostrongylus brasiliensis, Trichinella spiralis, basophils and eosinophils in 3 strains of rats and in athymic (nude) rats following infection

Eosinophils

Olds GR; Mahmoud AAF
1980 J Clin Invest 66 (6) Dec 1191-1199 Wa
Schistosoma mansoni, mice, eosinophil-mediated destruction of schistosome eggs within host granulomatous response

Eosinophils

Oormazdi H; Baker KP
1980 Brit Vet J 136 (2) Mar-Apr 146-153 Wa
Linognathus vituli, Bovicola bovis, calves (exper.), no significant effect on haemoglobin levels, packed cell volumes, erythrocyte or leucocyte counts, or weight gains, increased number of eosinophils; concluded that pediculosis is of economic importance in the Republic of Ireland because of resulting hide damage

Eosinophils

Ottolenghi A; Weatherly NF; Larsh JE jr
1980 Infect and Immun 29 (2) Aug 799-807 Wa
Angiostrongylus cantonensis, nonsensitized and sensitized rats, phospholipase B in brains and meninges after challenge, association with eosinophils

Eosinophils

Philipp M et al
1981 J Exper Med 154 (1) July 1 210-215 Wa
Trichinella spiralis, rats, primary serum antibody response to stage-specific surface antigens, these antigens could be targets for stage-specific antibody-dependent eosinophil-mediated destruction of this parasite

Eosinophils

Pincus SH et al
1981 J Immunol 126 (5) May 1794-1799 Wm
Schistosoma mansoni, antibody-dependent eosinophil-mediated damage to schistosomula, lack of requirement for oxidative metabolism

Eosinophils

Pritchard DI; Eady RP
1981 Immunology 43 (3) July 409-416 Wm
Ascaris suum, athymic nude (rnu/rnu) rats, primary and secondary infections, development of eosinophilia

Eosinophils

Rudin W et al
1980 Tropenmed u Parasitol 31 (2) June 194-200 Wa
Dipetalonema viteae, ultrastructural aspects of antibody-dependent cell-mediated destruction of microfilariae in vitro and within micropore chambers in vivo, correlation between degree of adherence and degree of microfilarial damage, contribution of different cell types to destruction process

Eosinophils

Ruitenbergh EJ et al
1980 Internat Arch Allergy and Applied Immunol 62 (1) 104-110 Wa
Trichinella spiralis infection in mice genetically selected for high and low antibody production, specific antibody response, histopathological changes in small intestine with emphasis on macrophages, intestinal mast cells, globule leucocytes, and eosinophils

Eosinophils

Ruitenbergh EJ; Buys J
1980 Vet Immunol and Immunopath 1 (3) Aug 199-214 Wa
Trichinella spiralis, mice, effects of pregnancy on course of infection and associated histopathological changes in thymus and small intestine (litter size, thymus atrophy and thymus mast cells, worm expulsion, recovery of muscle larvae, intestinal mast cells and globule leucocytes, intestinal eosinophils, antibody production, blood eosinophilia)

Eosinophils

Salman SK; Brown PJ
1980 J Comp Path 90 (3) July 447-455 Wa
Nippostrongylus brasiliensis, active or inactive larvae injected subcutaneously or intravenously to uninfected or immune rats, lung pathology, granuloma formation in immune animals, changes in numbers of mast cells and eosinophils

- Eosinophils**
Sankale M et al
1979 Bull Soc Path Exot 72 (3) May-June 265-271
Wa
helminthiasis, Europeans returning from tropical areas, evaluation of hypereosinophilia as diagnostic indicator for parasitic diagnostic workup
- Eosinophils**
Savage AM; Colley DG
1980 Am J Trop Med and Hyg 29 (6) Nov 1268-1278
Wa
Schistosoma mansoni, eosinophil in inflammatory response to cercarial challenge of sensitized vs. chronically infected CBA/J mice
- Eosinophils**
Schleger AV; Lincoln DT; Kemp DH
1981 Experientia 37 (1) Jan 15 49-50
Wa
Boophilus microplus-infected Bos taurus, mast cell histamine is translocated by eosinophils to attachment site, concentration pattern of histamine appears related to grooming behavior of host, could be important aspect of tick rejection mechanism
- Eosinophils**
Spry CJF
1981 Parasite Immunol 3 (1) Spring 1-11
Wa
tropical (filarial) eosinophilia patients, alterations in blood eosinophil morphology, binding capacity for complexed IgG, and kinetics
- Eosinophils**
Strelis AK; Baiusova ZA; Zhivotiagin VN
1979 Vrach Delo 69 (1) Jan 80-81
Wm
opisthorchosis, 18-year-old girl, case report, recurring eosinophilia
- Eosinophils**
Sugane K; Oshima T
1980 Am J Trop Med and Hyg 29 (5 pt 1) Sept 799-802
Wa
Toxocara canis-infected mice challenged with intraperitoneal injection of T. canis adult worm extract or Anisakis larval extract, method of recovering large numbers of eosinophils from peritoneal exudate
- Eosinophils**
Titche AR; Prestwood AK; Hibler CP
1979 J Wildlife Dis 15 (2) Apr 273-280
Wa
Elaeophora schneideri in Odocoileus virginianus (exper.), eosinophilia, clinical signs, pathology, age-related resistance
- Eosinophils**
Tosta CE; Wedderburn N
1980 Clin and Exper Immunol 42 (1) Oct 114-120
Wa
Plasmodium yoelii, immune phagocytosis of infected erythrocytes by macrophages and eosinophils, opsonizing antibodies alone in absence of macrophage activation cannot account for phagocytosis of non-parasitized erythrocytes which is probably involved in pathogenesis of malaria anemia
- Eosinophils**
Urch DL; Allen WR
1980 Equine Vet J 12 (2) Apr 74-77
Wa
Dictyocaulus arnfieldi and intestinal parasites in ponies, donkeys, and foals, efficacy of fenbendazole; haematological parameters, eosinophilia proved useful in detecting lungworm infections in donkeys
- Eosinophils**
Vadas MA et al
1980 Clin and Exper Immunol 39 (3) Mar 683-694
Wm
Schistosoma mansoni, unpurified peripheral blood leucocytes or purified eosinophils and neutrophils from patients or from normal individuals were compared for ability to interact with antibody-coated schistosomula
- Eosinophils**
Vadas MA et al
1980 J Immunol 124 (3) Mar 1441-1448
Wm
Schistosoma mansoni, stable and irreversible antibody-dependent adherence of eosinophils to schistosomula, adherence of neutrophils is less extensive and is readily reversible
- Eosinophils**
Wadee AA; Sher R
1980 Immunology 41 (4) Dec 989-995
Wm
Schistosoma haematobium, soluble factor released by sensitized mononuclear cells incubated with parasite ova, effects on eosinophil migration, findings may reflect in vitro correlate of cell-mediated immunity and may indicate role played by lymphocyte in control of eosinophil function in human biology
- Eosinophils**
Weller PF; Ottesen EA; Goetzl EJ
1981 Clin Immunol and Immunopath 18 (1) Jan 76-84
Wm
Wuchereria bancrofti, humans, alterations in blood eosinophilia and activities of eosinophil enzymes in relation to diethylcarbamazine chemotherapy (changes in arylsulfatase B but not in peroxidase or beta-glucuronidase)
- Epidemiology** [See also Disease transmission; Foci; Occupational diseases; Reservoir hosts; Sociology; Vectors]
- Epidemiology**
Armour J
1980 Vet Parasitol 6 (1-3) Jan 7-46
Wa
helminth disease in farm animals, epidemiology, extensive review, classification of factors which precipitate production loss
- Epidemiology**
Bidinger PD; Crompton DWT; Arnold S
1981 Parasitology 83 (2) Oct 373-380
Wa
intestinal parasites, human, survey in rural villages, possible role of wind in transmission of infections: peninsular India
- Epidemiology**
Custer JW; Pence DB
1981 J Parasitol 67 (3) June 289-307
Wa
helminths of wild canids (Canis rufus, C. latrans, and their hybrids), prevalence, density, effect of hosts' age, sex, and taxonomic category, helminth species associations, sex ratio of heartworms and hookworms, host heart and spleen weights, geographical diversity, organization of species in helminth communities (importance values, multivariate analyses): Gulf Coastal prairies of Texas and Louisiana compared with other regions in North America
- Epidemiology**
Fox MT; Jacobs DE
1980 Vet Rec 107 (25-26) Dec 20-27 575-578
Wa
helminths, dairy cows in herds under different feeding systems, daily intake of larvae estimated by pasture larval counts, sources of pasture contamination, faecal egg counts

- Epidemiology
Gillett JD
1974 Symposia Brit Soc Parasitol 12 79-95 Wa
direct and indirect influence of temperature
on transmission of parasites from insects to
man, review
- Epidemiology
Kloos H et al
1980 Ethiop Med J 18 (2) Apr 53-62 Wm
intestinal parasitism, incidence survey, mi-
grant farm labor populations in irrigation
schemes in the Awash Valley, and in major labor
source areas: Ethiopia
- Epidemiology
Lawrence DN et al
1980 Am J Trop Med and Hyg 29 (4) July 530-537
Wa
intestinal parasitoses of Amerindians in newly
contacted vs. acculturating villages, preva-
lence, no sex-related differences, average
number of parasite species per person by age:
Brazil; Venezuela
- Epidemiology
Marcati P; Pozio MA
1980 J Math Biol 9 (2) Apr 179-187 Wa
global asymptotic stability for vector disease
model with spatial spread, malaria as theoret-
ical example
- Epidemiology
Massoud J et al
1980 Am J Trop Med and Hyg 29 (3) May 389-392
Wa
intestinal helminths, human, prevalence, age
distribution, rural vs. urban areas: Khuzestan
Province, southwest Iran
- Epidemiology
Pugh RNH; Burrows JW; Bradley AK
1981 Ann Trop Med and Parasitol 75 (3) June 281-
292 Wa
intestinal parasites, human, prevalence and
intensity, host age and sex, special emphasis
on *Schistosoma mansoni*, *Necator americanus*, and
Giardia lamblia (possible association of latter
with impaired nutritional status and poor water
supply): Malumfashi area, Nigeria
- Epidemiology
Reinecke RK
1980 Vet Parasitol 6 (1-3) Jan 255-292 Wa
chemotherapy in control of helminthosis of
sheep and cattle, extensive review with empha-
sis on research in South Africa, Australia, and
New Zealand on anthelmintic tests, epizootiol-
ogy, and integrated control
- Epidemiology
Sharpilo VP
1979 Vestnik Zool Akad Nauk Ukrainsk SSR Inst
Zool (1), Jan-Feb 3-13 Wa
paratenic hosts in helminth life cycles, sig-
nificance in evolution and epidemiology,
theoretical review
- Epidemiology
Sole TD; Croll NA
1980 Am J Trop Med and Hyg 29 (3) May 364-368
Wa
intestinal parasites, human, survey, prevalence
by town, sex, racial origin, and age group,
possible reasons for low prevalence: Labrador,
Canada
- Epidemiology
Sornmani S et al
1981 Ann Trop Med and Parasitol 75 (3) June 335-
346 Wa
health and nutritional status of population in
Nam Pong Water Resource Development Project,
includes information on prevalence of parasit-
ic diseases with emphasis on intensity and
age-specific prevalence of *Necator americanus*
and *Opisthorchis viverrini*: Thailand
- Epidemiology
Zitek K; Palicka P
1979 Casop Lek Cesk 118 (47) Nov 23 1447-1450
Wm
human intestinal parasites, incidence, epi-
demiology, therapy, suggestions for future
control: Karvina district
- Epidemiology, Arthropoda
Ade-Serrano MA; Ejezie GC
1981 Ann Trop Med and Parasitol 75 (4) Aug
471-472 Wm
Tunga penetrans in school children, prevalence
by age and sex: Oto-Ijanikin village, Badagry,
Lagos State, Nigeria
- Epidemiology, Arthropoda
Buckle A; Harris S
1980 J Zool London 190 (3) Mar 431-439 Wa
flea epifauna of suburban *Vulpes vulpes* popu-
lation, infestation levels, host age and sex,
seasonal variation, foxes probably obtain ma-
jority of their fleas from habitat through
which they move rather than from prey items:
suburban London
- Epidemiology, Arthropoda
Dar MS et al
1980 Tr Roy Soc Trop Med and Hyg 74 (3) 303-306
Wa
Oestrus ovis, human ophthalmomyiasis, inci-
dence, seasonal variation, host age and sex
distribution, typical case history: Benghazi
area, Eastern Libya
- Epidemiology, Arthropoda
Fisher WF; Miller RW; Everett AL
1980 Vet Parasitol 7 (3) Nov 233-241 Wa
Demodex bovis, dairy cattle, natural transmis-
sion, calves can acquire mites from infested
dam in 0.5 day, sibling cattle from infested
dam do not always become infested
- Epidemiology, Arthropoda
Glicken A; Schwab RG
1980 J Wildlife Dis 16 (4) Oct 577-586 Wa
ectoparasites, *Peromyscus maniculatus*, rates
of reinfestation after ectoparasite-free mice
were returned to natural habitat, sex and age
of host: Tule Lake National Wildlife Refuge,
Siskiyou County, California
- Epidemiology, Arthropoda
Grainger CR
1980 Tr Roy Soc Trop Med and Hyg 74 (3) 296-299
Wa
Pediculus humanus capitis, children, incidence
in relation to age, sex, urban vs. rural areas,
and social background: Mahe, Seychelles

- Epidemiology, Arthropoda
 Humphery-Smith I; Moorhouse DE
 1981 Ann Parasitol 56 (3) 353-357 Wa
 Ornithodoros capensis, survival in abandoned nests of Anous minutus during non-nesting season as mechanism of host acquisition when birds re-use nests: Heron Island, Capricorn Group, Great Barrier Reef
- Epidemiology, Arthropoda
 Krafur ES; Hightower BG; Leira L
 1979 J Med Entom 16 (6) Dec 18 470-481 Wa
 Cochlomyia hominivorax, seasonal population dynamics May 1974 to Sept 1975: northern Veracruz, Mexico
- Epidemiology, Arthropoda
 Norval RAI
 1979 J South African Vet Ass 50 (4) Dec 289-292 Wa
 ticks and tick-borne diseases of cattle, review of distribution and effect of the break-down of dipping in tribal areas on epidemiology: Zimbabwe Rhodesia
- Epidemiology, Arthropoda
 Palicka P et al
 1980 Ceskoslov Epidemiol Mikrobiol Imunol 29 (6) Dec 345-350 Wa
 Sarcoptes scabiei, varietas hominis, human, results of parasitological examination of patients and environment (lesions, under fingernails, night linen and bed clothes), epidemiological implications: Czechoslovakia
- Epidemiology, Arthropoda
 Palicka P; Malis L; Zitek K
 1980 Ceskoslov Epidemiol Mikrobiol Imunol 29 (1) Jan 52-59 Wa
 scabies, human, epidemiological study, subjective and objective symptoms, person from whom infection was acquired, many epidemiological features in common with venereal diseases
- Epidemiology, Arthropoda
 Pandey VS; Ouhelli H; Elkhalfane A
 1980 Vet Parasitol 7 (4) Dec 347-356 Wa
 Gasterophilus intestinalis, G. nasalis, horses, monthly prevalence and intensity, effect of host age, implications of results for life cycle pattern and infection dynamics: Settat region of Morocco
- Epidemiology, Arthropoda
 Petrelli G et al
 1980 Roy Soc Health J 100 (2) Apr 64-66 Wm
 Pediculus humanus capitis, school children, epidemiology of wide-spread infestation, highest incidence in females in primary school: Rome, Italy
- Epidemiology, Arthropoda
 Sinniah B; Sinniah D; Rajeswari B
 1981 Am J Trop Med and Hyg 30 (3) May 734-738 Wa
 Pediculus humanus capitis, school children, prevalence and distribution in relation to race, age, sex, hair length, ethnic group, and socioeconomic group: Peninsular Malaysia
- Epidemiology, Arthropoda
 Tovornik D; Matjasic M
 1979 Zdrav Vestnik 48 (2) Feb 87-89 Wm
 Argas sp., massive invasion of human-populated apartment attributed to infected near-by loft occupied by pigeons
- Epidemiology, Arthropoda
 Tuzun Y et al
 1980 Internat J Dermat 19 (1) Jan-Feb 41-44 Wm
 scabies, humans, epidemiology comparing 3 regions with different climates: Turkey
- Epidemiology, Cestoda
 Al-Abbassy SN et al
 1980 Ann Trop Med and Parasitol 74 (2) Apr 185-187 Wa
 hydatid cysts, prevalence, localization, and fertility in slaughtered sheep (by age group), goats, cattle, and camels, reasons for lower prevalence rates than in previous surveys: Baghdad abattoir, Iraq
- Epidemiology, Cestoda
 Dada BJO
 1980 J Helminth 54 (4) Dec 281-286 Wa
 taeniasis, cysticercosis, hydatidosis, human, prevalence based on retrospective analysis of hospital records, distribution of taeniasis by host age and sex, hydatid disease recorded only once and cysticercosis not recorded at all: Nigeria
- Epidemiology, Cestoda
 Dada BJO
 1980 J Helminth 54 (4) Dec 287-291 Wa
 Cysticercus bovis, C. cellulosae, hydatid disease, prevalence in slaughtered food animals based on retrospective analysis of abattoir records: Nigeria
- Epidemiology, Cestoda
 Dada BJO
 1980 J Helminth 54 (4) Dec 293-297 Wa
 Cysticercus bovis, C. cellulosae, hydatid cysts, prevalence in slaughtered food animals based on joint examination with meat inspectors: Nigeria
- Epidemiology, Cestoda
 Dada BJO
 1980 J Helminth 54 (4) Dec 299-301 Wa
 Echinococcus granulosus, prevalence in stray dogs; species and prevalence of other gastrointestinal helminths recovered: Nigeria
- Epidemiology, Cestoda
 Dada BJO; Adegoye DS; Mohammed AN
 1980 Ann Trop Med and Parasitol 74 (5) Oct 515-517 Wa
 Echinococcus granulosus, prevalence in stray dogs, presence of other parasites, prevalence of hydatidosis in slaughtered food animals (cattle, sheep, goats, camels): Kano State, Nigeria
- Epidemiology, Cestoda
 Dajani YF; Khalaf FH
 1981 Ann Trop Med and Parasitol 75 (2) Apr 175-179 Wa
 hydatidosis, Cysticercus tenuicollis, sheep and goats, prevalence and intensity, host age, cyst localization, size, and fertility, one goat had multilocular cysts which may have been Echinococcus multilocularis; Taenia spp. including T. hydatigena, E. granulosus, prevalence in stray dogs: Jordan

- Epidemiology, Cestoda
Flisser A et al
1976 Arch Invest Med 7 (3) 107-113 Wm
T[*aenia*] solium, seroepidemiological survey of human cysticercosis in predominantly indigenous rural Indian population, positive sera varied inversely with number of inhabitants in a community: estado de Chiapas
- Epidemiology, Cestoda
Fuller GK; Fuller DC
1981 Am J Trop Med and Hyg 30 (3) May 645-652 Wa
Echinococcus granulosus, human, survey, clinical findings, indirect hemagglutination test results, hydatid skin test results (marked sex differences in positivity): Ethiopia
- Epidemiology, Cestoda
Islam AWMS
1980 Vet Parasitol 7 (2) Sept 103-107 Wa
hydatid disease, goats, incidence in hosts of different ages and in different organs, severity of infection in liver and lungs, comparative rate of different types of cysts (fertile, sterile, calcified, suppurative, undeveloped): Bangladesh
- Epidemiology, Cestoda
Kasai Y et al
1980 Ann Surg 191 (2) Feb 145-152 Wm
alveolar echinococcosis, human liver, clinical manifestations and proposed staging, diagnostic procedures, surgical aspects and outcome, epidemiological considerations: Japan
- Epidemiology, Cestoda
Katz R; Murphy S; Kosloske A
1980 Pediatrics Am Acad Pediat 65 (5) May 1003-1006 Wa
Echinococcus granulosus, pulmonary infections in children, importance in differential diagnosis of mass lesions in chest, surgical recommendations, case reports, increasing transmission among native Americans in the southwest United States
- Epidemiology, Cestoda
Kennedy CR; Burrough RJ
1981 J Fish Biol 19 (1) July 105-126 Wa
Ligula intestinalis in Rutilus rutilus, introduction, establishment, and subsequent history of parasite population: origin of infection; distribution of infections in relation to size and age of fish; seasonal and annual changes in infection levels and within Ligula population (prevalence and intensity of infection, growth of parasite, index of parasitization, frequency distribution): Slapton Ley, Devon, U.K.
- Epidemiology, Cestoda
Larbaoui D; Alloula R
1979 Tunisie Med 57 (6) Nov-Dec 318-326 Wm
echinococcosis, humans, results of 2 retrospective epidemiological surveys conducted over a 10-year period, incidence by age and sex: Algeria
- Epidemiology, Cestoda
Mutinga MJ; Madel G
1981 Insect Sc and Its Applic 1 (4) 379-382 Wa
Taenia saginata, experimental feeding of proglottids and eggs to coprophagous beetles, results indicate possible role of these beetles in dissemination of taeniasis in Kenya
- Epidemiology, Cestoda
Ramirez R
1979 Bol Chileno Parasitol 34 (3-4) July-Dec 59-62 Wa
hydatid disease, humans, epidemiology, revision and analysis of cases registered from 1969-1978, age and sex distribution, localization, mortality, number of days of hospitalization: Chile
- Epidemiology, Cestoda
Shumakovich EE; Kuznetsov MI; Nikitin VF
1963 Trudy Vsesoiuz Inst Gel'mint 10 82-97 Wa
coenurosis, echinococcosis, cysticercosis, epizootiology, dogs and wild animals as source of infection: lower and middle reaches of the Volga
- Epidemiology, Nematoda
Abaru DE et al
1980 Acta Trop 37 (1) Mar 63-71 Wa
Wuchereria bancrofti, human, prevalence and density of microfilariae, clinical manifestations, host age, length of residence in endemic area, correlations: Tanzania
- Epidemiology, Nematoda
Abolarin MO
1981 Trop and Geogr Med 33 (1) Mar 83-88 Wa
Guinea worm infection in Nigerian villagers, epidemiological survey indicates source of infections is a cyclops-infested, man-made cattle pond near their village, pond water used for drinking and various domestic purposes: Wawa village, Kwara State, Nigeria
- Epidemiology, Nematoda
Albiez EJ; Ganley JP; Buettner DW
1981 Tropenmed u Parasitol 32 (1) Mar 25-28 Wa
Oncocerca volvulus, human, clinical, parasitological, and ophthalmological data, host age and sex: hyperendemic village in rain forest of Liberia
- Epidemiology, Nematoda
Anderson N et al
1978 Epidemiol and Control Gastrointest Parasites Sheep Australia 23-51 Wa
nematodes, sheep, epidemiology, control, seasonal distribution in various rainfall zones, review: Australia
- Epidemiology, Nematoda
Anderson RM
1980 Lecture Notes Biomath 39 278-322 Wa
mathematical framework to describe dynamics of direct life cycle helminth parasites, general properties of model with attention focused on transmission threshold and unstable break-points, methods of predicting trends in prevalence and intensity of infection within age-structured populations, dynamics of *Necator americanus* infections (model predictions compared with data from India and Taiwan), significance of seasonal climatic change and spatial heterogeneity, analysis of effectiveness of various control methods, future research needs, symposium presentation
- Epidemiology, Nematoda
Asaishi K et al
1980 Gastroenterol Japon 15 (2) Apr 128-134 Wm
Anisakis, humans, epidemiologic study of inhabitants and questionnaire survey, results show that the etiologic mechanism of acute infection involves anaphylactic reaction as well as Arthus reactions in the digestive tract: Japan

Epidemiology, Nematoda

Ashford RW et al

1979 Papua N Guinea Med J 22 (2) 128-135 Wm
Strongyloides spp., "cannot be identified... referred to as *Kanabea Strongyloides*", associated with acute edematous disease in infants, abundant in children 3 weeks to 5 years old, rare in adults, epidemiological survey, mode of transmission remains unknown: mid-mountain community, Papua New Guinea

Epidemiology, Nematoda

Ashford RW; Hall AJ; Babona D

1981 Ann Trop Med and Parasitol 75 (3) June 269-279 Wa
 intestinal nematodes of man, distribution, prevalence and intensity by host age, effect of environmental influences, special reference to *Strongyloides* cf. *fuellborni*: Papua New Guinea

Epidemiology, Nematoda

Ba O; Rolland A; Marshall TFC

1981 Tropenmed u Parasitol 32 (3) Sept 181-183 Wa
Onchocerca volvulus, human, relationships between microfilaruria, irreversible eye lesions, and microfilarial load in anterior segment of eye according to age and sex: North Benin

Epidemiology, Nematoda

Barger IA; Le Jambre LF

1979 Austral Vet J 55 (12) Dec 580-583 Wa
Haemonchus contortus, sheep, role of inhibited larvae in epidemiology

Epidemiology, Nematoda

Bartlett CM; Anderson RC

1980 System Parasitol 2 (1) Dec 77-102 Wa
 filarioid nematodes of crows, avian filariasis epizootiology considered

Epidemiology, Nematoda

Beck MJ; Cardina TM; Alicata JE

1980 Hawaii Med J 39 (10) Oct 254-257 Wm
Angiostrongylus cantonensis, human eosinophilic meningitis, case reports, clinical aspects, vector distribution, suggested control measures, newly reported infection for American Samoa

Epidemiology, Nematoda

Beltran H, F et al

1979 SPM Salud Pub Mexico 21 (6) Nov-Dec 771-785 Wm
Onchocerca volvulus, humans, proposals for epidemiological surveillance using several indicators (parasitic, clinical, entomologic, immunologic, and demographic): Mexico

Epidemiology, Nematoda

Bessonov AS

1963 Trudy Vsesoiuz Inst Gel'mint 10 37-45 Wa
 trichinosis, geographic distribution and types of foci in Russia

Epidemiology, Nematoda

Beveridge I; Kummerow EL; Wilkinson P

1980 Tropenmed u Parasitol 31 (1) Mar 75-81 Wa
Onchocerca gibsoni in *Bos indicus* and *Bos taurus*, prevalence and intensity of nodules and microfilariae in cows of different age classes, nodule size and contents, observations on male and female worms and on degeneration of female worms: Australia

Epidemiology, Nematoda

Bonney X; Isautier H

1978 Bull Soc Path Exot 71 (1) Jan-Feb 70-72 Wa
 helminthiasis, human, prevalence in 1972 vs. 1976, influence of sanitation, precipitation, urban vs. rural habitat, water quality: Reunion Island

Epidemiology, Nematoda

Brandling-Bennett AD et al

1981 Am J Trop Med and Hyg 30 (5) Sept 970-981 Wa
Onchocerca volvulus, human, prevalence and intensity, host age and sex, type of work, nodules and nodulectomy, ocular infection, quantitative relationships: Guatemala

Epidemiology, Nematoda

Brinkmann UK

1980 Tropenmed u Parasitol 31 (1) Mar 67-74 Wa
Onchocerca volvulus, prevalence, compilation of surveys of 164 villages in 17 of 19 counties of Togo

Epidemiology, Nematoda

Burrows RO; Davison CC; Best PJ

1980 Vet Rec 107 (12) Sept 20 289-290 Wa
 abomasal nematodes, culled dairy cows, prevalence, seasonal fluctuations in worm burdens and proportion of adult and immature worms, rainfall: southwest England

Epidemiology, Nematoda

Cabaret J

1980 Ann Parasitol 55 (5) Sept-Oct 571-581 Wa
 protostrongylid 1st stage larvae, relationship between motility and infectivity, effect of various factors (parasite age, density, temperature, light, ions, desiccation), epidemiological implications

Epidemiology, Nematoda

Campbell CC et al

1980 Tropenmed u Parasitol 31 (4) Dec 475-478 Wa
Onchocerca volvulus, human, quantitative aspects of infection of *Simulium ochraceum*, relationship of skin microfilarial density to vector infection

Epidemiology, Nematoda

de Chaneet GC; Dixon FF; Barker DJ

1981 Vet Parasitol 8 (2) May 143-148 Wa
Ostertagia, *Cooperia*, cattle, relative significance (in terms of larval availability during winter) of contamination of pasture with nematode eggs at different times during summer and autumn, implications of results for worm control programmes in a Mediterranean-type climatic environment: south-west Western Australia

Epidemiology, Nematoda

de Chaneet GC; Mitchell RK; Barker DJ

1981 Vet Parasitol 8 (2) May 149-163 Wa
 gastrointestinal nematodes, strategic ant-helminthic treatment of young cattle during summer in a Mediterranean-type climatic environment, concluded that treatments may have been more effective had they been given during autumn: south-west Western Australia

Epidemiology, Nematoda

Chavez Nunez M

1979 SPM Salud Pub Mexico 21 (6) Nov-Dec 707-717 Wm
Onchocerca volvulus, humans, epidemiology, vector survey, problem endemic areas in Chiapas and Oaxaca, Mexico

- Epidemiology, Nematoda
Ciferri F
1981 West J Med San Francisco 134 (2) Feb 158-162
Wa
Dirofilaria immitis, human pulmonary infection, brief epidemiologic review, diagnostic alert for physicians, first documented human case in California
- Epidemiology, Nematoda
Collins WE et al
1980 Am J Trop Med and Hyg 29 (6) Nov 1220-1222
Wa
Onchocerca volvulus, human, indirect fluorescent antibody test using fixed-tissue sections of adult worms as antigen, antibody responses in relation to host age, sex, presence or absence of microfilariae, and microfilarial density, application in epidemiological studies appears limited until level of false negative responses is markedly reduced: Guatemala
- Epidemiology, Nematoda
Coulaud JP et al
1980 Bull Soc Path Exot 73 (1) Jan-Feb 100-108
Wa
strongyloidiasis, humans, epidemiology, clinical and therapeutic analysis of 427 cases diagnosed in Paris
- Epidemiology, Nematoda
Crosskey RW
1981 Tropenmed u Parasitol 32 (1) Mar 2-16 Wa
Onchocerca volvulus, human, and its Simulium damnosum complex vectors, review with special reference to geographical distribution and development of national control campaign: Nigeria
- Epidemiology, Nematoda
Dash KM
1981 Internat J Parasitol 11 (3) June 201-207
Wa
Oesophagostomum columbianum, O. venulosum, sheep (exper.), single and mixed infections, interactions studied by comparing establishment, development, and distribution of each species, results discussed in relation to changes in incidence of the two species in sheep on the Northern Tablelands of New South Wales
- Epidemiology, Nematoda
Davidson WR et al
1980 J Wildlife Dis 16 (4) Oct 499-508 Wa
Haemonchus contortus in Odocoileus virginianus, monthly (Oct.-Mar.) prevalence and intensity of infection in fawns and adults, haemonchosis/malnutrition syndrome, geographic distribution, worm recovery rates, prepatent periods, and egg production in immunized vs. nonimmunized deer exposed to challenge suggested a naturally-acquired immunity: Georgia; South Carolina; Florida
- Epidemiology, Nematoda
Dietz K
1980 Lecture Notes Biomath 39 264-277 Wa
models for vector-borne parasitic diseases (malaria, schistosomiasis, onchocerciasis), symposium presentation
- Epidemiology, Nematoda
Dutta SN; Diesfeld HJ
1978 Indian J Med Research 67 Apr 553-561 Wa
W[uchereria] bancrofti, human, indirect immunofluorescent test using Dipetalonema viteae antigen, titres in relation to microfilarial density and host age and sex, comparison of subjects from non-endemic area with those from endemic area around Dhanbad coalmines
- Epidemiology, Nematoda
Eysker M
1980 Vet Parasitol 6 (4) Mar 369-379 Wa
Chabertia ovina, Oesophagostomum venulosum, sheep, significance of inhibited development in epidemiology: Utrecht State University, The Netherlands
- Epidemiology, Nematoda
Eysker M; Ogunsusi RA
1980 Research Vet Sc 28 (1) Jan 58-62 Wa
Haemonchus contortus, Trichostrongylus spp., sheep, epidemiological and clinical aspects during rainy season: northern Nigeria
- Epidemiology, Nematoda
Fameree L et al
1981 Schweiz Arch Tierh 123 (3) Mar 145-155 Wa
trichinosis, wild animals, epidemiological survey, public health importance: Belgique
- Epidemiology, Nematoda
Fuentes C, A et al
1979 Rev Chilena Pediat 50 (4) July-Aug 71-74
Wm
Enterobius vermicularis, children, epidemiology and psychobiology, comparative study of 12 kindergartens: Antofagasta
- Epidemiology, Nematoda
Gibson TE; Everett G; Whitehead J
1981 Internat J Biometeorol 25 (3) Sept 223-225
Wa
Ostertagia circumcincta, survival of free living stages during drought: England
- Epidemiology, Nematoda
Gruner L et al
1980 Ann Recherches Vet 11 (2) 133-140 Wa
gastro-intestinal nematodes, seasonal distribution in sheep and on pastures, influence of meteorological conditions upon infective larval populations on pastures, host growth: Western central region of France
- Epidemiology, Nematoda
Herd RP; Riedel RM; Heider LE
1980 J Am Vet Med Ass 176 (12) June 15 1370-1372 Wa
identification of nematodes in dairy barns refutes claims that adult dairy cattle in confinement are continuously exposed to trichostrongylids and that all cows should be routinely treated
- Epidemiology, Nematoda
Hubert J; Kerboeuf D; Gruener L
1979 Ann Recherches Vet 10 (4) 503-518 Wa
gastrointestinal nematodes, sheep, monthly prevalence, thiabendazole-treated vs. non-treated groups, host growth, parasite counts, coproscopical examination, plasma pepsinogen levels: North Limousin area, France

- Epidemiology, Nematoda
Ikeda T et al
[1980] J Parasitol 65 (6) Dec 1979 855-861 Issued Apr 2 Wa
Onchocerca volvulus, human, evaluation of indirect hemagglutination test for serodiagnostic purposes and sero-epidemiological analysis, age and sex distribution of IHA positives in areas of high, medium, and low endemicity: Guatemala
- Epidemiology, Nematoda
Issoufa H; Monekosso G; Ripert C
1979 Bull Soc Path Exot 72 (2) Mar-Apr 135-144 Wa
dracontiasis, humans, epidemiology, incidence by age and sex, seasonal distribution, body localizations, worm burden: endemic area of Nord-Cameroun
- Epidemiology, Nematoda
Jancloes MF; Cornet P
1980 Rev Epidemiol et San Pub 28 (1) Apr 30 89-103 Wm
intestinal nematodes, villagers in rural areas, extensive epidemiological survey to ascertain incidence by age and sex prior to launching an extensive control campaign: Zaire
- Epidemiology, Nematoda
Jørgensen RJ
1980 Vet Parasitol 7 (2) Sept 153-167 Wa
Dictyocaulus viviparus, cattle, epidemiology, infection in pasture monitored by use of tracer calves and regular pasture sampling, assessment of correlation between pasture larval contamination and pasture infectivity, influence of climate and host immunity: Denmark
- Epidemiology, Nematoda
Jørgensen RJ
1981 Acta Vet Scand 22 Suppl 76 77 pp Wa
Dictyocaulus viviparus, young cattle, epidemiological review, prevention of parasitic bronchitis in areas of low incidence, brief review of 7 published papers concerning laboratory isolation of larvae from herbage samples and field studies on pattern of infection
- Epidemiology, Nematoda
Johnson S; Joshi V
1979 Tr Indian Soc Desert Technol and Univ Cent Desert Studies 4 (2) July 79-83 Wa
Dracunculus medinensis, humans, epidemiologic survey in 18 villages, incidence by sex, age, and caste of host, duration of infection, water supply as source of contamination: Jodhpur District, Rajasthan
- Epidemiology, Nematoda
Keita MF et al
1981 Am J Trop Med and Hyg 30 (3) May 590-592 Wa
Onchocerca volvulus, Wuchereria bancrofti, Tetrapetalonema perstans, human, single and mixed infections, associations between species are not result of chance alone: savanna zones of Mali and Upper Volta
- Epidemiology, Nematoda
Khalil HM et al
1979 J Egypt Pub Health Ass 54 (3) 126-137 Wm
Ascaris, Toxocara, human, precipitin absorption test is useful tool for mass seroepidemiological survey: Egypt
- Epidemiology, Nematoda
Kim DC; Lee OY; Lee KW
1977 Yonsei Rep Trop Med 8 (1) Nov 9-22 Wm
Brugia malayi, humans, survey of endemicity in inland areas, age and sex factors, prevalence, pathology: Korea, Yongju area
- Epidemiology, Nematoda
Knight R
1980 Ann Trop Med and Parasitol 74 (1) Feb 63-68 Wa
Wuchereria bancrofti, Dipetalonema perstans, prevalence survey for microfilariemia in 15 Gambian villages, pathology attributed to W. bancrofti surveyed in 2 villages; reasons for apparent decline in W. bancrofti infection during last 25 years: The Gambia
- Epidemiology, Nematoda
Knight R et al
1979 Ann Trop Med and Parasitol 73 (6) Dec 563-576 Wa
Wuchereria bancrofti, human, clinical findings, microfilaria counts, filarial serology, and filarial skin tests for different age groups and each sex; prevalence of non-filarial parasites, various serological parameters, mean IgE levels, and mean eosinophil counts in different age groups: Middle Fly River region, Western Papua New Guinea
- Epidemiology, Nematoda
Knight R; Merrett TG
1981 Ann Trop Med and Parasitol 75 (3) June 299-314 Wa
Necator americanus, human, prevalence and intensity by age and sex, seasonal changes, morbidity (asthma, growth parameters, haemoglobin), total IgE levels, other parasites: The Gambia
- Epidemiology, Nematoda
Lightner LK et al
1980 Am J Trop Med and Hyg 29 (1) Jan 42-45 Wa
Mansonella ozzardi, humans, prevalence, age and sex distribution, microfilarial levels: Comisaria del Vaupes, Colombia
- Epidemiology, Nematoda
Lin CY; Chen SN
1980 Med J Osaka Univ 31 (1-2) Sept 7-11 Wm
Angiostrongylus cantonensis, children, epidemiology, vector and reservoir host survey, disease has close association with rainy season when Achatina fulica vectors are most active: North Taiwan
- Epidemiology, Nematoda
Lindemann BA; McCall JW
1981 J Parasitol 67 (5) Oct 746-747 Wa
Dirofilaria immitis, numbers of male and female heartworms in male and female stray dogs: Richmond County, Georgia
- Epidemiology, Nematoda
Lukelenge Mapumba K et al
1979 Ann Soc Belge Med Trop 59 (3) Sept 251-258 Wa
O[nc]hocerca] volvulus, humans, epidemiologic and vector survey of 2 provinces, clinical manifestations, host age, some additional infections of Dipetalonema perstans discovered but no infections of D. streptocerca or Loa loa were observed: Burundi

- Epidemiology, Nematoda
Lumsden WHR; Evans DA; Kimber CD
1980 Tr Roy Soc Trop Med and Hyg 74 (1) 40-42
Wa
Dipetalonema perstans, microfilaraemia, diagnosis in field using miniature anion-exchange/centrifugation technique, prevalence by locality groups, sex, and age: The Gambia
- Epidemiology, Nematoda
Lyons ET; Drudge JH; Tolliver SC
1981 J Am Vet Med Ass 179 (9) Nov 1 899-900 Wa
Onchocerca spp., horses examined at necropsy, prevalence of microfilariae in skin by breed, age, and sex: Kentucky
- Epidemiology, Nematoda
Lyons ET; Hemken RD; Button FS jr
1981 J Am Vet Med Ass 179 (5) Sept 1 456-457
Wa
Dictyocaulus viviparus, overwintering of larvae on pasture in central Kentucky
- Epidemiology, Nematoda
McMahon JE et al
1981 Ann Trop Med and Parasitol 75 (4) Aug 415-431 Wm
Wuchereria bancrofti, human, microfilaria rates and densities and prevalence of hydrocoeles and elephantiasis by age and sex, vectors, quantitative studies on transmission: Tanzania
- Epidemiology, Nematoda
Mirck MH
1981 Vet Quart 3 (2) Apr 98-100 Wa
Strongylidae of horses, epidemiology in the Netherlands, brief summary of thesis
- Epidemiology, Nematoda
Muller R
1979 Bull World Health Organ 57 (5) 683-689 Wa
Dracunculus medinensis, humans, epidemiology, control, and treatment, review
- Epidemiology, Nematoda
Nathan MB
1981 Tr Roy Soc Trop Med and Hyg 75 (5) 721-730
Wa
Culex quinquefasciatus, seasonal abundance, biting activity, physiological age composition of populations, daily survival rates, Wuchereria bancrofti infection and infectivity rates, correlation between physiological age and W. bancrofti development, growth of W. bancrofti in experimental infections; infective larva of W. bancrofti also found in one Anopheles aquasalis: North Trinidad, West Indies
- Epidemiology, Nematoda
Nwosu ABC
1981 Ann Trop Med and Parasitol 75 (2) Apr 197-203 Wa
soil-transmitted intestinal nematodes, human, prevalence and worm burdens, household clustering of infections, age and sex relationships, seasonal fluctuations: 2 rural villages in southern Nigeria
- Epidemiology, Nematoda
Nwosu ABC; Anya AO
1980 Tropenmed u Parasitol 31 (2) June 201-208
Wa
Necator americanus, Ancylostoma duodenale, human, prevalence and intensity, pattern of seasonal fluctuations, relationship to rainfall, relationship between hookworm infection levels and seasonality in manifestation of disease: endemic area of Nigeria
- Epidemiology, Nematoda
Oakley GA
1981 Research Vet Sc 30 (2) Mar 255-256 Wa
Dictyocaulus viviparus, larvae isolated from earthworms and shown to be infective to 1 out of 2 susceptible calves, transmission by earthworms may explain movement of larvae from reservoir of larvae in soil back onto herbage
- Epidemiology, Nematoda
Pampiglione S et al
1978 Parasitologia 20 (1-3) Dec 183-193 Wa
Trichinella nelsoni, horses and sheep infected orally, laboratory and domestic animals infected by horse meat; experiment confirms possibility of horses as source of infection in recent outbreak: Bagnolo in Piano, provincia di Reggio Emilia
- Epidemiology, Nematoda
Pandey VS
1980 J Helminth 54 (4) Dec 275-279 Wa
Dictyocaulus arnfieldi in donkeys, incidence, intensity, and seasonal pattern of infection, relationship between faecal larval counts and worm burden: Morocco
- Epidemiology, Nematoda
Pandey VS
1980 Vet Parasitol 7 (4) Dec 357-362 Wa
Strongylus vulgaris, donkeys (anterior mesenteric artery), prevalence and intensity of infection, parasite sex ratio and age structure, seasonal patterns: Morocco
- Epidemiology, Nematoda
Pandey VS
1981 Trop Animal Health and Prod 13 (2) May 119-122 Wa
Strongylus vulgaris in horses (anterior mesenteric artery), incidence, intensity, age structure of parasite population, data by month from August 1978 to July 1979: Morocco
- Epidemiology, Nematoda
Pandey VS; Ouhelli H; Elkhalfane A
1981 J Helminth 55 (3) Sept 155-160 Wa
Habronema muscae, H. majus, Trichostrongylus axei, horses (stomach), prevalence and intensity, seasonal variation, mixed infections: Morocco
- Epidemiology, Nematoda
Pichon G et al
1980 Tropenmed u Parasitol 31 (2) June 165-180
Wa
Wuchereria bancrofti, human, frequency distribution of microfilariae counts in capillary blood at a community level
- Epidemiology, Nematoda
Picq JJ; Albert JP
1979 Rev Epidemiol et San Pub 27 (5-6) 483-498
Wm
Onchocerca volvulus, humans, epidemiology, Sudan-savanna vs. rain forest patterns of infection: West Africa

- Epidemiology, Nematoda
Prakash D et al
1980 Indian Pediat 17 (7) July 619-623 Wm
Ascaris lumbricoides var. hominis, diagnostic value of purified human antigen investigated as skin test in children, possible use in epidemiology surveys, and as verification of other test methods: India
- Epidemiology, Nematoda
Prost A
1980 Ann Parasitol 55 (2) Mar-Apr 239-245 Wa
Onchocerca volvulus, people living in 8 different geographic areas, comparison of clinical, ophthalmological, and parasitological examinations, striking epidemiological and pathological differences may be associated with several vector-parasite complexes which may indicate existence of different parasite strains: West Africa
- Epidemiology, Nematoda
Prost A; Gorim de Ponsay E
1979 Tropenmed u Parasitol 30 (4) Dec 477-481 Wa
Onchocerca volvulus, children less than 1 year old who are carriers of microfilariae in meso- or hyperendemic areas may have been infected in utero: West Africa
- Epidemiology, Nematoda
Prost A; Rougemont A; Omar MS
1980 Ann Parasitol 55 (3) May-June 347-355 Wa
Onchocerca volvulus, human, epidemiological, clinical, and biological characters of savanna vs. forest onchocerciasis, possible factors influencing differences, evidence of 2 parasite strains associated with differences in pathogenicity, in biochemical structure, and with different vector species: West Africa
- Epidemiology, Nematoda
Pullan NB; Sewell MMH
1980 Trop Animal Health and Prod 12 (4) Nov 203-208 Wa
parasitic gastro-enteritis, White Fulani calves, thiabendazole treated vs. untreated, egg counts, packed cell volumes, serum albumin concentrations, and weight gains compared, seasonal distribution, climatic factors: Jos plateau, Nigeria
- Epidemiology, Nematoda
Raccurt C; Lowrie RC jr; McNeeley DF
1980 Am J Trop Med and Hyg 29 (5 pt 1) Sept 803-808 Wa
Mansonella ozzardi, human, prevalence by age and sex, microfilaria density, periodicity study, skin biopsy data: Bayeux, Haiti
- Epidemiology, Nematoda
Rao CK et al
1980 Indian J Med Research 71 May 712-720 Wa
bancroftian filariasis, baseline filariometric indices, incidence by caste, age and sex of host, and type of clinical manifestations; results of entomological observations: East Godavari district, Andhra Pradesh, India
- Epidemiology, Nematoda
Ray DK; Shrivastava VB
1981 Tr Roy Soc Trop Med and Hyg 75 (4) 566-567 Wa
Ancylostoma ceylanicum, Necator americanus, infectivity for hamsters of ingested fourth-stage larvae and adult hookworms, epidemiological significance
- Epidemiology, Nematoda
Rolland A; Thylefors B
1979 Tropenmed u Parasitol 30 (4) Dec 482-488 Wa
ocular onchocerciasis, human, prevalence, host age and sex, severity of disease, incidence of blindness, evaluation after 3 years of vector control in 4 rural communities in West Africa
- Epidemiology, Nematoda
Rose JH; Small AJ
1981 J Helminth 55 (2) June 109-113 Wa
Oesophagostomum dentatum, growth of pasture herbage as well as weather affects development and survival of free-living stages
- Epidemiology, Nematoda
Rubis P et al
1981 Southeast Asian J Trop Med and Pub Health 12 (1) Mar 30-36 Wa
Brugia malayi, humans, epidemiological and prevalence survey (by age and sex) of 7 villages, Mansonia spp. confirmed as probable vectors: Sarawak, East Malaysia
- Epidemiology, Nematoda
Schantz PM et al
1980 Am J Pub Health 70 (12) Dec 1269-1272 Wa
Toxocara canis, ocular larva migrans patients and age- and sex-matched controls studied to determine type of pet exposure and other risk factors associated with infection
- Epidemiology, Nematoda
Shibuya T et al
1981 Japan J Exper Med 51 (2) Apr 133-135 Wa
Wuchereria bancrofti, human, low-density microfilaremia in pre- and post-treatment phases in Philippines
- Epidemiology, Nematoda
Starr JR; Thomas RJ
1980 Internat J Biometeorol 24 (3) Sept 223-229 Wa
parasitic gastro-enteritis in lambs, estimating timing of larval emergence peak, attempt to model 'surface wetness' and temperature limitation to nematode development: North East England
- Epidemiology, Nematoda
Stuerchler D et al
1980 Tropenmed u Parasitol 31 (1) Mar 87-93 Wa
hookworm, Ascaris lumbricoides, Trichuris trichiura, human, prevalence by host age and sex, effect of community anthelmintic chemotherapy in settlements already having improved environmental sanitation, analysis of costs: Liberia
- Epidemiology, Nematoda
Thomas RJ
1974 Symposia Brit Soc Parasitol 12 13-32 Wa
role of climate in epidemiology of nematode parasitism in ruminants, possibilities for interpreting and predicting parasite population patterns on basis of meteorological data, review
- Epidemiology, Nematoda
Thurston DR; Strout RG
1978 J Wildlife Dis 14 (1) Jan 89-96 Wa
Parelaphostrongylus tenuis in Odocoileus virginianus (cranial cavity), prevalence and intensity of infection by host age, sex, and habitat, localization: New Hampshire

Epidemiology, Nematoda

Trpis M

1981 Tropenmed u Parasitol 32 (3) Sept 184-188

Wa

Brugia malayi and *B. pahangi* in autogenous group of *Aedes scutellaris* complex, level of infection and survival of infected females fed on hosts with different levels of microfilariae in peripheral blood, frequency distribution of infective larvae, distribution of infective larvae in various parts of mosquito body, discussion of absence of Brugian filariasis in Polynesian region of South Pacific, possibility of using these mosquito species as intermediate hosts for laboratory models of Brugian filariasis

Epidemiology, Nematoda

Ustinov ID

1963 Trudy Vsesoiuz Inst Gel'mint 10 63-67 Wa
metastrongylosis, pigs, seasonal distribution, role of *Eisenia foetida* in epizootiology: Kirov oblast

Epidemiology, Nematoda

Vincent AL et al

1981 Am J Trop Med and Hyg 30 (3) May 739-741

Wa

filariasis, human, review with some new findings, *Wuchereria bancrofti* is endemic, *Mansonella ozzardi* is probably also endemic, onchocerciasis has been reported: Dominican Republic

Epidemiology, Nematoda

Waller PJ et al

1981 Internat J Parasitol 11 (5) Oct 359-367 Wa

Ostertagia spp., *Trichostrongylus* spp., *Nematodirus* spp., *Haemonchus contortus*, estimation of abundance of infective larvae on sheep pastures, comparison of techniques of direct pasture sampling and tracer lambs: England

Epidemiology, Nematoda

Waller PJ; Donald AD; Dobson RJ

1981 Research Vet Sc 30 (2) Mar 213-216 Wa

Trichostrongylus spp., arrested development in grazing sheep, seasonal changes in relative abundance of *T. colubriformis* and *T. vitrinus*: Canberra, Australia

Epidemiology, Nematoda

Waller PJ; Thomas RJ

1981 Vet Parasitol 9 (1) Oct 47-55 Wa

Trichostrongylus axei, intestinal *Trichostrongylus* spp., grazing lambs, natural regulation of parasite populations in relation to host age, length of time of exposure to infection, and seasonal fluctuations in, and absolute levels of, larval availability on pasture

Epidemiology, Nematoda

Wegesha P et al

1979 Acta Trop 36 (4) Dec 369-377 Wa

Wuchereria bancrofti, human, prevalence of microfilaraemia and clinical manifestations by age, survey methodology: Tanzania

Epidemiology, Nematoda

Welch JS; Dobson C; Campbell GR

1980 Tr Roy Soc Trop Med and Hyg 74 (5) 614-623

Wa

Angiostrongylus cantonensis, prevalence in rats in Queensland; immunodiagnosis, 3 immunofluorescence tests and in vitro lymphocyte blastogenesis, specificity and sensitivity in immunized rabbits and naturally infected rats, levels of responsiveness in 4 Australian populations in relation to prevalence in rats, use in clinical diagnosis in 5 human cases of eosinophilic meningitis

Epidemiology, Nematoda

Woodruff AW et al

1981 Ann Trop Med and Parasitol 75 (5) Oct 555-557 Wm

Toxocara ova in soil in Mosul District and antibodies in human serum in Baghdad, results indicate public health importance of toxocaral contamination of soil even in climatic conditions of Middle East: Iraq

Epidemiology, Nematoda

Woodruff AW et al

1981 Ann Trop Med and Parasitol 75 (5) Oct 559-561 Wm

Toxocara ova in soil and antibodies in human serum, public health implications: Sudan

Epidemiology, Nematoda

Yebakima A et al

1979 Bull Soc Path Exot 72 (1) Jan-Feb 35-40 Wa

Onchocerca volvulus, humans, suburban focus, epidemiology, vector survey, incidence by host age: vicinity of Brazzaville, Congo

Epidemiology, Nematoda

Young RR; Anderson N

1981 Austral J Agric Research 32 (2) 371-388

Wa

Ostertagia ostertagi, eggs and larvae, development and survival in cattle dung pats and on surrounding herbage and soil over period of 12 months, weather and other conditions in plot environment, effects of irrigation, implications of results for control: Victoria, Australia

Epidemiology, Protozoa

Al-Karmi T; Behbehani K

1980 Tr Roy Soc Trop Med and Hyg 74 (6) 745-746

Wa

Toxoplasma gondii in *Meriones crassus*, potential source of human (Bedouin) infection: Kuwait

Epidemiology, Protozoa

Al-Taqi M; Behbehani K

1980 Ann Trop Med and Parasitol 74 (5) Oct 495-501 Wa

cutaneous leishmaniasis, human, clinical observations, host age and sex, seasonal incidence, geographical distribution, factors which may have led to spread of infection (including increase in economic activities, travellers and immigrants, change in ecological conditions): Kuwait

Epidemiology, Protozoa

Anderson RM; May RM

1980 Science (4470) 210 Nov 7 658-661 Wa

infectious diseases (including protozoa) and population cycles of forest insects, models combining elements of conventional epidemiology with dynamic elements drawn from predator-prey studies

Epidemiology, Protozoa

Andrews JD; Castagna M

1978 J Invert Path 32 (2) Sept 124-138 Wa

Minchinia costalis and *M. nelsoni* in *Crassostrea virginica*, epizootiology: Atlantic Coast from Chesapeake Bay to Delaware Bay, U. S. A.

- Epidemiology, Protozoa
 Applewhaite LM; Craig TM; Wagner GG
 1981 Trop Animal Health and Prod 13 (1) Feb 13-18 Wa
Babesia bigemina, *B. bovis*, native and imported cattle, serological prevalence, comparison of indirect fluorescent antibody and complement fixation tests, effect of host age: Guyana
- Epidemiology, Protozoa
 Apt B, W
 1980 Rev Med Chile 108 (3) Mar 203-209 Wm
 Chagasic cardiomyopathy, humans, epidemiologic survey (including age and sex), clinical and electrocardiographic findings: Limari Valley, Chile
- Epidemiology, Protozoa
 Arribada A et al
 1979 Rev Med Chile 107 (1) Jan 9-15 Wm
 Chagas disease, epidemiologic and electrocardiographic survey of individuals of 7 villages for evidence of cardiomyopathy, comparisons by age and sex; concurrent survey for toxoplasmic infections: Elqui Valley, northern Chile
- Epidemiology, Protozoa
 Baldry DAT
 1980 Insect Sc and Its Applic 1 (1) 85-93 Wa
Glossina palpalis, *G. tachinoides*, local distribution and ecology in West African human trypanosomiasis (WAT, *Trypanosoma brucei gambiense*) foci in forest and forest-savanna areas, possible relationships between tsetse, animal reservoirs (particularly domestic pigs), and man in WAT foci
- Epidemiology, Protozoa
 Barrett TV et al
 1979 Tr Roy Soc Trop Med and Hyg 73 (6) 703-709 Wa
Trypanosoma cruzi, outbreak of acute Chagas' disease, distribution of triatomine vectors and reservoir hosts in rural community in Riacho de Santana, Sao Francisco Valley region of Bahia, Brazil
- Epidemiology, Protozoa
 Barrett TV et al
 1980 Tr Roy Soc Trop Med and Hyg 74 (1) 84-90 Wa
Trypanosoma cruzi, culture forms of 104 stocks isolated from different regions in State of Bahia compared by electrophoresis of 6 enzymes, hosts and distribution of 3 zymodemes, clinical correlations: Bahia State, Brazil
- Epidemiology, Protozoa
 Bastin R; Charmot G
 1980 Nouv Presse Med 9 (14) Mar 22 1003-1006 Wm
Plasmodium spp., humans, epidemiologic survey, practical clinical aspects and recommended prophylaxis, most infections resulted after travel to Africa rather than to Asia: France
- Epidemiology, Protozoa
 Beauvais B et al
 1978 Bull Soc Path Exot 71 (2) Mar-Apr 172-181 Wa
 toxoplasmosis, human, serological survey, results in relation to host age and sex, climate-soil zone, and province (with inhabitants of diverse ethnic and socio-economic groups): Gabon
- Epidemiology, Protozoa
 Behbehani K; Al-Karmi T
 1980 Tr Roy Soc Trop Med and Hyg 74 (2) 209-212 Wa
Toxoplasma gondii, human, antibody prevalence in relation to host sex, age, and nationality: Kuwait
- Epidemiology, Protozoa
 Bentata-Pessayre M et al
 1978 Bull Soc Path Exot 71 (6) Nov-Dec 417-423 Wa
Plasmodium falciparum, human, autochthonous case, possible vector contact while working at international airport: France
- Epidemiology, Protozoa
 Bettini S; Maroli M; Gradoni L
 1981 Tr Roy Soc Trop Med and Hyg 75 (3) 338-344 Wa
 cutaneous and visceral leishmaniasis, analysis of all recorded human cases according to their geographical, temporal, and age distribution: Tuscany, Italy
- Epidemiology, Protozoa
 Bilqees FM; Khan A
 1979 J Egypt Pub Health Ass 54 (5-6) 425-430 Wm
Entamoeba histolytica, patients with confirmed intestinal amoebiasis, cyst passers, and normal persons, diagnosis, evaluation of a skin test, useful in all instances as well as for epidemiological surveys
- Epidemiology, Protozoa
 Boyd R et al
 1981 Trop Animal Health and Prod 13 (3) Aug 141-146 Wa
Trypanosoma evansi, goats, sheep, and camels examined with 3 parasitological tests and enzyme immunoassay, trypanosomes found only from camels, antibodies found in all 3 host species, possible epidemiological significance in relation to camel trypanosomiasis: Eastern Sudan
- Epidemiology, Protozoa
 Bonfante-Garrido R et al
 1981 Tr Roy Soc Trop Med and Hyg 75 (3) 471 Wa
Leishmania braziliensis complex in *Equus asinus*, cutaneous lesions, possible importance as reservoir: Venezuela
- Epidemiology, Protozoa
 Bos HJ et al
 1980 Am J Trop Med and Hyg 29 (3) May 358-363 Wa
Entamoeba histolytica in 9 populations, sero-epidemiology, enzyme-linked immunosorbent assay, precipitin tests, age distribution: Surinam, South America
- Epidemiology, Protozoa
 Burkholder JE; Allison TC; Kelly VP
 1980 J Parasitol 66 (2) Apr 305-311 Wa
Trypanosoma cruzi, occurrence in triatomids and rodents (greater infection rate in male than in female *Neotoma micropus*), serological studies in other wild and domestic mammals and in humans: Texas

- Epidemiology, Protozoa
Campbell CC; Martinez JM; Collins WE
1980 Am J Trop Med and Hyg 29 (2) Mar 151-157
Wa
Plasmodium falciparum, P. vivax, longitudinal study of 113 women and their newborns to estimate malaria incidence and indirect fluorescent antibody response to infection, depressed IFA response to P. falciparum in 3rd trimester of pregnancy, limited transplacental immunization of newborns, appears that passive immunity can exert little effect on incidence of infant malaria: coastal El Salvador
- Epidemiology, Protozoa
Chabasse D; et al
1978 Arch Med Ouest 10 (8) Oct 697-705 Wm
toxoplasmosis, epidemiological survey, humans and domestic animals, indirect hemagglutination test: Maine-et-Loire
- Epidemiology, Protozoa
Challier A; Gouteux JP
1980 Insect Sc and Its Applic 1 (1) 77-83 Wa
Glossina palpalis, ecology and epidemiological importance in human trypanosomiasis focus of Vavoua in forest zone of Ivory Coast
- Epidemiology, Protozoa
Chapin G; Wasserstrom R
1981 Nature London (5829) 293 Sept 17-23 181-185 Wa
malaria resurgence in Central America and India, relationship to intensified agricultural production and associated increased use of pesticides which has led to pesticide resistance in many vectors
- Epidemiology, Protozoa
Chinchilla M
1978 Rev Biol Trop 26 (1) July 113-124 Wa
Toxoplasma gondii, epidemiology, importance of domestic rodents, presence of Eimeria fal-ciformis in Mus musculus (nat. and exper.) did not inhibit Toxoplasma infections: Costa Rica
- Epidemiology, Protozoa
Christensen HA; de Vasquez AM
1981 Am J Trop Med and Hyg 30 (1 pt 1) Jan 278-283 Wa
Rhodnius pallescens, host feeding profiles in rural villages, most common mammalian hosts were humans, opossums, and roof rats, implications for transmission of Trypanosoma cruzi: central Panama
- Epidemiology, Protozoa
Cooke RA; Shannon J
1980 Med J Australia 2 (12) Dec 13 670-673 Wm
Plasmodium spp., humans, increasing incidence in Australia, epidemiological survey, diagnostic alert, clinical presentations, infections imported by visitors to or workers in endemic areas and by immigrants
- Epidemiology, Protozoa
Das SR; Kidwai SA; Gupta AK
1979 J Biosc 1 (3) Sept 255-262 Wa
axenic Entamoeba histolytica, preparation of standard amoeba-antigen by ultrasonication of trophozoites, use in serodiagnosis and seroepidemiology of amoebiasis in patients
- Epidemiology, Protozoa
Dedet JP et al
1979 Bull Soc Path Exot 72 (3) May-June 245-253
Wa
cutaneous leishmaniasis, humans, epidemiology, occurrence by age groups, pathology: focus in Thies area, Senegal, West Africa
- Epidemiology, Protozoa
Dedet JP et al
1979 Bull Soc Path Exot 72 (5-6) Sept-Dec 451-461 Wa
leishmaniasis, human cutaneous infections, survey, epidemiologic indices (age, skin tests, yearly variations): region de Thies, Senegal
- Epidemiology, Protozoa
Delemarre-van de Waal HA; de Waal FC
1981 Nederl Tijdschrift Geneesk 125 (10) Mar 7 375-377 Wm
Plasmodium falciparum, child who had never travelled outside the Netherlands but who had slept on boat in area very near to Amsterdam airport, probably infected by bite of Anopheles imported by aircraft from a tropical endemic area; differential diagnosis, diagnostic alert
- Epidemiology, Protozoa
Delmont J et al
1981 Med Trop 41 (2) Mar-Apr 129-134 Wm
Plasmodium spp., humans, incidence of imported malaria in the Marseilles area, epidemiologic aspects of 164 hospitalized cases: France
- Epidemiology, Protozoa
Dennig HK et al
1980 Berl u Munchen Tierarztl Wchnschr 93 (19) Oct 1 373-379 Wa
Babesia canis, B. gibsoni, morphology, epidemiology, symptoms, diagnosis, therapy, and prophylaxis, review: Federal Republic of Germany and West Berlin
- Epidemiology, Protozoa
Dietz K
1980 Lecture Notes Biomath 39 264-277 Wa
models for vector-borne parasitic diseases (malaria, schistosomiasis, onchocerciasis), symposium presentation
- Epidemiology, Protozoa
Dixon KE; Roberts DR; Llewellyn CH
1979 Rev Inst Med Trop S Paulo 21 (6) Nov-Dec 287-292 Wm
malaria, humans, epidemiological and vector survey along the Transamazon highway, Brazil
- Epidemiology, Protozoa
Djibrilla Kaou B et al
1979 Bull Soc Path Exot 72 (5-6) Sept-Dec 442-450 Wa
leishmaniasis, human cutaneous infections, epidemiological aspects (age, sex, seasonal distribution, localization of lesions): Nord Cameroun
- Epidemiology, Protozoa
Dubey JP
1981 J Am Vet Med Ass 178 (7) Apr 1 661-670 Wa
Toxoplasma gondii in dairy goats, association with abortion, epidemiologic investigation, isolation from does, placentas, fetuses, kids, cats, and chickens: Montana
- Epidemiology, Protozoa
Dubey JP et al
1981 Am J Vet Research 42 (6) June 1007-1010 Wa
Toxoplasma gondii, pathogenicity and infectivity of isolates from Felis domesticus and Mus musculus compared in exper. mice with isolate from a person infected during outbreak of toxoplasmosis affecting 37 patrons of a riding stable, epidemiologic implications: Atlanta, Georgia

- Epidemiology, Protozoa
Dubey JP; Sundberg JP; Matiuck SW
1981 Am J Vet Research 42 (9) Sept 1624-1626 Wa
Toxoplasma gondii diagnosed in aborted caprine fetus and in placenta, doe had high antibody titer 2 days after abortion, serologic survey on farm showed antibodies in people and in other animals (including other goats and a sheep that had aborted): Connecticut
- Epidemiology, Protozoa
Dutta HM; Dutt AK; Vishnukumari G
1979 Social Sc and Med Med Geogr 13D (3) Nov 191-194 Wm
Plasmodium falciparum, P. vivax, resurgence of human infection in Tamilnadu State, India
- Epidemiology, Protozoa
Eouzan JP
1980 Insect Sc and Its Applic 1 (1) 99-103 Wa
trypanosomiasis, human, epidemiology, influence of population changes and movements including migrants and refugees, review: Central Africa
- Epidemiology, Protozoa
Fares E; El-Ghazzawi E; Bedwani RN
1979 J Egypt Pub Health Ass 54 (1-2) 49-63 Wm
Trichomonas vaginalis, increased incidence of vaginal infections in women regularly using contraceptive pills, possible association with pre-cancerous lesions: Alexandria, Egypt
- Epidemiology, Protozoa
Fayer R
1980 Vet Parasitol 6 (1-3) Jan 75-103 Wa
Coccidia of domestic animals, epidemiology, extensive review
- Epidemiology, Protozoa
Felgner P et al
1981 Tropenmed u Parasitol 32 (3) Sept 134-140 Wa
Trypanosoma brucei gambiense, human, prevalence by age and sex, parasitological examination (hematocrit centrifugation technique, subinoculation into Mastomys natalensis, miniature anion exchange centrifugation method), immunodiagnostic examination (enzyme-linked immunosorbent assay, indirect immunofluorescent test, radial immunodiffusion for IgM concentrations): Ivory Coast; Upper Volta
- Epidemiology, Protozoa
Ferraroni JJ; Hayes J
1979 Acta Amazonica 9 (3) Sept 471-479 Wa
Plasmodium falciparum, P. vivax, humans, incidence by age, sex, month, and year: Amazonas, Brasil
- Epidemiology, Protozoa
Ferrucci M; Dall'Ara G
1980 Ann Sclavo 22 (4) July-Aug 606-623 Wm
toxoplasmosis and rubella, antibody prevalence survey comparing prepuberal girls and adult fecund women, epidemiologic and prophylactic applications: Ferrara, Italy
- Epidemiology, Protozoa
Finelle P
1980 Insect Sc and Its Applic 1 (1) 95-98 Wa
trypanosomiasis, impact of rural development and water management programs on epidemiology and epizootiology, review
- Epidemiology, Protozoa
Fodor T
1981 Bull N York Acad Med 2 s 57 (3) Apr 224-226 Wa
amebiasis, human, unanswered questions about transmission, symposium presentation
- Epidemiology, Protozoa
Forattini OP et al
1980 Rev Saude Pub S Paulo 14 (1) Mar 143-149 Wm
Trypanosoma cruzi, autochthonous infection, 9-year-old girl, no known synanthropic Triatominae vectors in area, infection possibly resulted from handling wild mammals being prepared for consumption: area of southern coast of Sao Paulo State, Brasil
- Epidemiology, Protozoa
Frenkel JK; Ruiz A
1980 Am J Trop Med and Hyg 29 (6) Nov 1167-1180 Wa
Toxoplasma gondii, human, prevalence and distribution of antibody titers by age; antibody prevalence and cat contact; correlation of antibody status with preparation of meat and eggs; correlation with cat and soil contact; antibody prevalence by economic status, residence, and cat contact; type of kitchen floor and cat contact; occupation, sex, and antibody prevalence; animal contact: Costa Rica
- Epidemiology, Protozoa
Frenkel JK; Ruiz A
1981 Am J Epidemiol 113 (3) Mar 254-269 Wa
Toxoplasma antibody prevalence in humans, cats, and intermediate hosts, chain of transmission (environmental factors, rural and urban living, soil contact, human association with cats, cat density, and host age): Costa Rica
- Epidemiology, Protozoa
Gabaldon A; Ulloa G
1980 Tr Roy Soc Trop Med and Hyg 74 (4) 501-507 Wa
avian malaria, high parasite rates in nestlings, low rates in adult birds, high densities and sporozoite rates of local vector Aedeomyia squamipennis and increasing parasite rates in nestlings with age suggest great intensity of transmission, situation is regarded as form of holoendemicity which is probably cause of population control, possibility of parasite hybridization: Venezuela
- Epidemiology, Protozoa
Ganley JP; Comstock GW
1980 Am J Epidemiol 111 (2) Feb 238-246 Wa
Toxoplasma gondii, immunofluorescent dye titers in humans, positive association with increasing age, possession of farm animals, and residence in older house, negative association with possession of cats: Washington County, Maryland
- Epidemiology, Protozoa
Geigy R; Kauffmann M
1977 Acta Trop 34 (1) Mar 97-98 Wa
Trypanosoma brucei, experimental transmission between rats by Auchmeromyia larvae, possible importance of these larvae as mechanical transmitters

- Epidemiology, Protozoa
Gentilini M et al
1981 Tr Roy Soc Trop Med and Hyg 75 (3) 455-460
Wa
imported malaria, human, 443 cases from 1970 to 1979, annual and monthly distribution, species of plasmodia, nationality, origin of infection, host age and sex, incubation period, signs and symptoms, diagnosis, circumstances of appearance, treatment: hospital in Paris, France
- Epidemiology, Protozoa
Ghorbani M; Edrissian GH; Afshar A
1981 Tr Roy Soc Trop Med and Hyg 75 (1) 38-40
Wa
toxoplasmosis, human, distribution of antibodies by age group, sex, and ethnic group: mountainous regions of north-west and south-west parts of Iran
- Epidemiology, Protozoa
Gibson WC; Marshall TFC; Godfrey DG
1980 Advances Parasitol 18 175-246 Wa
Trypanosoma (Trypanozoon), numerical analysis of enzyme polymorphism, new approach to epidemiology and taxonomy with proposals for working nomenclature with 6 "groupings"; "T. b. brucei, T. b. rhodesiense, T. b. gambiense and T. evansi should be united under one name, T. brucei."
- Epidemiology, Protozoa
Gonzalez-Angulo W; Ryckman RE
1967 J Med Entom 4 (1) Apr 25 44-47 Wa
Trypanosoma cruzi, incidence in Triatominae; laboratory studies using white rats and Triatoma rubida; possible human case in Merida based on trypanosome immobilization test; Mexico
- Epidemiology, Protozoa
Gradoni L et al
1980 Tr Roy Soc Trop Med and Hyg 74 (3) 421-422
Wa
leishmaniasis, canine, prevalence in 2 foci of human disease: Grosseto Province, Tuscany, Italy
- Epidemiology, Protozoa
Gray JS
1980 Brit Vet J 136 (5) Sept-Oct 427-436 Wa
Ixodes ricinus, role of tick in epidemiology of babesiosis, correlations of tick activity, incidence of Babesia divergens in cattle, season and weather: Co. Meath, Ireland
- Epidemiology, Protozoa
Gravel J
1980 Insect Sc and Its Applic 1 (1) 55-57 Wa
trypanosomiasis of cattle, role of mechanical haematophagous dipteran vectors in absence of tsetse flies may not be as important as that normally attributed to them, review
- Epidemiology, Protozoa
Guilvard E et al
1980 Ann Parasitol 55 (6) Nov-Dec 659-664 Wa
Phlebotomus ariasi, P. mascittii, number of gonotrophic cycles, concluded that end of summer is period of maximum risk for transmission of leishmaniasis in this focus: Cevennes, France
- Epidemiology, Protozoa
Gupta MM et al
1981 J Trop Med and Hyg 84 (4) Aug 165-170 Wa
Plasmodium falciparum prepared from in vitro continuous culture can be used as a source of antigen for use in the indirect haemagglutination and immunofluorescence antibody tests, applications for epidemiological evaluations and assessments
- Epidemiology, Protozoa
Haslett TM; Schneider WJ
1978 J Wildlife Dis 14 (2) Apr 173-175 Wa
Toxoplasma gondii in Sturnus vulgaris, monthly antibody prevalence, microtiter indirect hemagglutination inhibition test, unsuccessful attempts to transmit to rats: near Lodi, California
- Epidemiology, Protozoa
Herrer A; Hidalgo V; Meneses O
1980 Rev Inst Med Trop S Paulo 22 (4) July-Aug 203-206 Wm
cutaneous leishmaniasis, humans, resurgence of uta in area where disease had previously been under control, epidemiology, possible vectors, exper. infection of Mesocricetus auratus and disease characteristics suggest Leishmania braziliensis as probable etiologic agent: Pacific watershed areas of Peru
- Epidemiology, Protozoa
Hinaidy HK
1981 Wien Tierarztl Monatsschr 68 (2) Feb 52-57
Wa
bovine babesiosis, incidence and prevalence by month of year and host age, geographic distribution, results of field survey and data obtained from veterinary practitioners and authorities: Osterreich
- Epidemiology, Protozoa
Hussein HS
1980 Ann Trop Med and Parasitol 74 (5) Oct 531-539 Wa
Ixodes trianguliceps on small mammals, seasonal variations in infestation rate related to temperature, infestation rate on male, female, and juvenile hosts, natural and experimental transmission of Babesia microti, I. canisuga experimentally transmitted B. microti but less efficiently: north-western England
- Epidemiology, Protozoa
Jenni L et al
1980 Nature London (5745) 283 Jan 24 383-385 Wm
Trypanosoma brucei-infected Glossina probed more frequently and fed more voraciously than uninfected flies, differences in feeding behavior result from impaired function of labral mechanoreceptors in infected flies, indicates advantageous adaptation by parasites that may have profound epidemiological and epizootiological implications
- Epidemiology, Protozoa
Joyner LP; Donnelly J
1979 Advances Parasitol 17 115-140 Wa
babesial infections, epidemiology, review with emphasis on bovine babesiosis in Australia and Babesia divergens in cattle in Britain

- Epidemiology, Protozoa
Osterholm MT et al
1981 N England J Med 304 (1) Jan 1 24-28 Wa
Giardia lamblia, foodborne outbreak in employees and employee contacts of a public school, epidemiologic investigation: Goodhue, Minnesota
- Epidemiology, Protozoa
Paull NI; et al
1980 Austral Vet J 56 (6) June 267-271 Wa
Anaplasma marginale, Bos indicus-cross calves, epidemiologic aspects in 2 endemic areas, clinical, haematological, and serological responses in vaccinated and unprotected calves, seasonal activity of Boophilus microplus, complement fixation test most effective in detection of recent infections: northern Queensland
- Epidemiology, Protozoa
Pischedda PF; Biglino A; Caramello P
1981 Minerva Med 72 (18) May 7 1143-1146 Wm
malaria, humans, cases imported into Italy from 1974-1979, incidence survey according to host age, occupation, and etiological agent, possible epidemiological importance since Anopheles vector is present in area
- Epidemiology, Protozoa
Pomerantz BM; Marr JS; Goldman WD
1980 Bull N York Acad Med 56 (2) Mar 232-244 Wa
amoebiasis, humans, epidemiological survey 1958-1978, sex ratios, distribution in New York City and its boroughs, identification of male homosexual high risk population
- Epidemiology, Protozoa
Pozio E et al
1981 Ann Trop Med and Parasitol 75 (4) Aug 393-395 Wm
Leishmania [sp.] isolated from Rattus rattus in coastal leishmaniasis focus, epidemiological and ecological characteristics of focus compared with inland focus, possible role of R. rattus as natural reservoir: Monte Argentario, Province of Grosseto, Tuscany, Italy
- Epidemiology, Protozoa
Reisen WK; Mahmood F; Parveen T
1980 Tr Roy Soc Trop Med and Hyg 74 (3) 307-317 Wa
Anopheles culicifacies, release-recapture experiment with cohorts of known age, implications for malaria epidemiology and genetical control of this mosquito species: Pakistan
- Epidemiology, Protozoa
Rioux JA et al
[1980] Ann Parasitol 54 (6) Nov-Dec 1979 673-682 Wa
Phlebotomus ariasi, distance of horizontal dispersion, sandfly as well as dog must now be considered capable of spreading pathogenic agent of visceral leishmaniasis: Cevennes foci, south of France
- Epidemiology, Protozoa
Rioux JA et al
1980 Ann Parasitol 55 (4) July-Aug 445-453 Wa
visceral leishmaniasis, inhabitants of farms and villages on slopes of hillsides at altitudes of 300-500 m are at greatest risk because these places are preferred habitat of sandfly vector: Cevennes
- Epidemiology, Protozoa
Roberts LW
1981 Am J Trop Med and Hyg 30 (5) Sept 948-951 Wa
Trypanosoma congolense, frequency of transmission to mice in consecutive probings by infected Glossina morsitans morsitans, numbers of probes during feeding and time required to engorge by infected and noninfected flies compared, probing transmissions by cyclically infected flies may be important in spread of trypanosomes in endemic areas
- Epidemiology, Protozoa
Rodriguez Osorio M et al
1977 Rev Iber Parasitol 37 (1-2) Jan-June 123-132 Wa
Toxoplasma gondii, human, epidemiological study, percentage of antibodies in relation to host age, sex, geographic area, and association with domestic animals: Granada
- Epidemiology, Protozoa
de Roever-Bonnet H et al
1980 Trop and Geogr Med 32 (1) Mar 53-56 Wa
Toxoplasma, serological and clinical evidence in patients and healthy people, age and sex distribution: Upper Leeward Islands
- Epidemiology, Protozoa
Ruebush TK II et al
1981 Am J Trop Med and Hyg 30 (5) Sept 937-941 Wa
Babesia microti, humans, epidemiology, apparent association between age and severity of illness: Nantucket Island, Massachusetts
- Epidemiology, Protozoa
Ruiz A; Frenkel JK
1980 Am J Trop Med and Hyg 29 (6) Nov 1150-1160 Wa
Toxoplasma gondii, cats, prevalence of oocysts in feces, correlation of antibody presence and oocyst shedding, age and origin of cats, age of onset of infection, number of owned and stray cats visiting households, cats' pattern of roaming, food sources, type of food foraged, defecation sites outdoors and indoors, reshedding of oocysts after challenge in malnourished cats: Costa Rica
- Epidemiology, Protozoa
Ruiz A; Frenkel JK
1980 Am J Trop Med and Hyg 29 (6) Nov 1161-1166 Wa
Toxoplasma gondii, intermediate and transport hosts, infection rates and possible epidemiological implications: Costa Rica
- Epidemiology, Protozoa
Sagua H et al
1979 Rev Chilena Pediat 50 (3) May-June 15-20 Wm
Isospora belli, 26 children, distribution by sex and age group, clinical and epidemiological aspects: Antofagasta, Chile
- Epidemiology, Protozoa
Saliou P et al
1978 Bull Soc Path Exot 71 (2) Mar-Apr 181-188 Wa
sleeping sickness, human, epidemiological situation, evaluation of use of indirect immunofluorescence and capillary-tube passive hemagglutination: Bouafle, Cote-d'Ivoire

- Epidemiology, Protozoa
Saliou P et al
1978 Bull Soc Path Exot 71 (4-5) July-Oct 342-347 Wa
Plasmodium vivax, P. falciparum, humans, 2 autochthonous case reports, one probably acquired at international airport by bite of imported vector, other probably acquired in hospital and transmitted by local mosquito which had acquired infection from carrier in same hospital: Paris
- Epidemiology, Protozoa
Sasaki Y et al
1980 Nippon Zyuusi-Kai Zassi (J Japan Vet Med Ass) 33 (10) Oct 481-484 Wa
toxoplasmosis, outbreak in swine raised in barn which had been previously disinfected against Toxoplasma oocysts, results indicate oocysts remained in barn for long time and abundant hot water is effective form of disinfection
- Epidemiology, Protozoa
Schenone H et al
1980 Bol Chileno Parasitol 35 (3-4) July-Dec 42-54 Wm
Trypanosoma cruzi, biological and ecological factors in epidemiological survey, incidence in humans, domestic and wild mammals, and in local vector Triatoma: Chile
- Epidemiology, Protozoa
Sharma VP
1980 J Communic Dis 12 (1) Mar 46-48 Wm
malaria, humans, parameters for assessment of the epidemiological situation in India
- Epidemiology, Protozoa
Smith CE; Inslee T
1980 J Fish Dis 3 (3) May 257-260 Wa
Henneguya sp., interlamellar infestation in Ictalurus punctatus in epizootic proportions, severe Chilodonella sp. infestation may have been stimulus for extensive hyperplasia of gill epithelium and consequent infestation by Henneguya: Tishomingo National Fish Hatchery, Oklahoma
- Epidemiology, Protozoa
Snow WF
1980 Insect Sc and Its Applic 1 (1) 23-30 Wa
host location and feeding patterns in tsetse flies, implications for epidemiology of trypanosomiasis, review
- Epidemiology, Protozoa
Spencer HC et al
1981 Am J Trop Med and Hyg 30 (1 pt 1) Jan 63-68 Wa
Entamoeba histolytica, human, serologic and parasitologic studies to examine reliability of diagnosis and confirm estimates of morbidity and mortality: El Salvador
- Epidemiology, Protozoa
Stagno S et al
1980 Pediatrics Am Acad Pediat 65 (4) Apr 706-712 Wa
Toxoplasma gondii, children of extended family, clinical, serological and epidemiological aspects, history of geophagia, outbreak probably caused by ingesting oocysts from cat feces, unusual and severe clinical manifestations probably resulted from simultaneous Toxocara infection: Alabama
- Epidemiology, Protozoa
Stanghellini A; Duvallet G
1981 Tropenmed u Parasitol 32 (3) Sept 141-144 Wa
Trypanosoma gambiense, human, distribution in population by village, ethnic group, sex, and age, highest incidence among men in age-groups 10 to 30 and among immigrants from Upper Volta: Ivory Coast
- Epidemiology, Protozoa
Stewart CG; Botha WS; Van Dellen AF
1979 J South African Vet Ass 50 (3) Sept 169-172 Wa
Encephalitozoon, dogs (nat. and exper.), prevalence of antibodies determined using indirect fluorescent antibody test, results indicate that test is suitable for epidemiological studies
- Epidemiology, Protozoa
Stratigos J et al
1980 Internat J Dermat 19 (2) Mar 86-88 Wm
leishmaniasis, human cutaneous, epidemiology: Greece
- Epidemiology, Protozoa
Stray-Pedersen B; Lorentzen-Styr AM
1980 Acta Obst et Gynec Scand 59 (4) 323-326 Wm
Toxoplasma gondii, women in post-natal period, epidemiological survey, predisposing factors, control measures suggested for sero-negative pregnant women: Norway
- Epidemiology, Protozoa
Stray-Pedersen B; Pedersen JO; Omland T
1979 Scand J Infect Dis 11 (3) 247-252 Wm
Toxoplasma, human, estimations of incidence among pregnant women and of congenital infection: Norway
- Epidemiology, Protozoa
Sulzer AJ et al
1981 Ann Trop Med and Parasitol 75 (4) Aug 375-381 Wm
Plasmodium vivax, human, malaria antibody (indirect immunofluorescence) and parasitaemia patterns in one immune (native Jivaro Indians) and one non-immune (oil field workers) population in malarious area of northern Peru
- Epidemiology, Protozoa
Tackaert-Henry MC; Kageruka P
1977 Acta Zool et Path Antverpiensia (69) Dec 163-168 Wa
Toxoplasma, morphologically resembling T. gondii, crowned pigeons, epizootiological analysis of two epizootic forms
- Epidemiology, Protozoa
Tarimo CS
1980 Insect Sc and Its Applic 1 (1) 73-76 Wa
Trypanosoma rhodesiense, influence of cultural practices and occupational tendencies of the Masai on epidemiology in Lower Kitete, northern Tanzania
- Epidemiology, Protozoa
Tay J et al
1979 SPM Salud Pub Mexico 21 (2) Mar-Apr 145-149 Wm
Chagas disease, humans, epidemiological and vector survey: estado de Jalisco, Republica Mexicana

- Epidemiology, Trematoda
Jordan P; Christie JD; Unrau GO
1980 Acta Trop 37 (2) June 95-135 Wa
schistosomiasis transmission, review with particular reference to possible ecological and biological methods of control
- Epidemiology, Trematoda
Jourdan J; Imbert-Estabet D
1980 Acta Trop 37 (1) Mar 41-51 Wa
Schistosoma mansoni in wild Rattus rattus (ex-
per.), dynamics of worm population, size of
adults, migration, production of fertile eggs,
hypothesis concerning role of this host in
epidemiology in Guadeloupe
- Epidemiology, Trematoda
Kamiya H et al
1980 Japan J Exper Med 50 (5) Oct 375-382 Wa
Schistosoma japonicum, prevalence in Rattus
rattus mindanensis by month, host age, and
host sex, distribution of eggs in various
organs, COP reaction of sera, prevalence of
cercariae in Oncomelania quadrasi by month:
Dagami, Leyte, Philippines
- Epidemiology, Trematoda
Khalil HM et al
1979 J Egypt Pub Health Ass 54 (5-6) 382-395 Wm
Schistosoma haematobium, relocated people of
the Nubian populations, parasitological and
malacological incidence survey, results dis-
cussed in light of snail prevalence, water
sources, and community development: New Nuba,
Egypt
- Epidemiology, Trematoda
Kim DC
1974 Yonsei Rep Trop Med 5 (1) Nov 3-44 Wm
Clonorchis sinensis, humans, vectors, reser-
voir hosts, extensive ecological and preva-
lence survey in high and low endemicity areas
(seasonal distribution, sex and age factors,
transmission factors): Korea
- Epidemiology, Trematoda
Kloos H; Lemma A
1980 Ethiop Med J 18 (3) July 91-98 Wm
Schistosoma mansoni, humans, epidemiology, in
depth study of water contact patterns accord-
ing to exposure and contamination of local
waters, applications for local control project:
Tensae Berhan town, Ethiopia
- Epidemiology, Trematoda
Koura M et al
1981 Ann Trop Med and Parasitol 75 (1) Feb
53-61 Wa
Schistosoma haematobium, human, prevalence and
intensity by host age and sex: Somali
Democratic Republic
- Epidemiology, Trematoda
Kutsumi H et al
1980 Hokkaido Igaku Zasshi (Hokkaido J Med Sc)
55 (2) Mar 89-103 Wm
[Schistosoma] japonica, diagnosis, inhabitants
of an endemic area tested using the immediate
intradermal reaction, epidemiologic study
based on the analysis of these reactions,
significance of age, sex, contents of antigen
used, variations in sections of survey area,
suggested disease control measures and vector
control measures: Yamanashi Prefecture, Japan
- Epidemiology, Trematoda
Lemma A et al
1979 Ethiop Med J 17 (3) July 63-74 Wm
Schistosoma mansoni, human, prevalence in re-
lation to host age, sex, type of water source
used, occupation, and socio-economic level;
clinical observations; seasonal snail occur-
rence, speciation, and infection: Tensae Ber-
han, Ethiopia
- Epidemiology, Trematoda
Lewis T
1980 Math Biosc 48 (1-2) Feb 53-64 Wa
schistosomiasis, mathematical model for trans-
mission, effect of external source of infec-
tion on endemic properties
- Epidemiology, Trematoda
Lin Y et al
1980 Tung Wu Hsueh Pao (Acta Zool Sinica) 26
(1) Mar 52-60 Wa
paragonimiasis, epidemiological survey, raw
or partially-cooked crabs as source of in-
fection in humans: Jien'ou district, Fujian
Province
- Epidemiology, Trematoda
Maillard C; Lambert A; Raibaut A
1980 Compt Rend Acad Sc Paris 290 s D Sc Nat (7)
Feb 18 535-538 Wa
Acanthostomum imbutiforme metacercariae as
cause of mass mortality of Sparus aurata in
marine fish farm, symptomatology, epidemiology:
south of France
- Epidemiology, Trematoda
Majid AA et al
1980 Am J Trop Med and Hyg 29 (3) May 435-441
Wa
Schistosoma bovis, cattle, epizootiology: age-
specific prevalence and intensity, monthly in-
cidence rates by age, monthly snail (Bulinus
spp.) infection rates, seasonal and annual
variations in transmission: White Nile Prov-
ince, Sudan
- Epidemiology, Trematoda
Mansour NS et al
1981 Am J Trop Med and Hyg 30 (4) July 795-805
Wa
Schistosoma haematobium, human, prevalence and
intensity, age and sex distribution: Qena gov-
ernorate, Upper Egypt
- Epidemiology, Trematoda
Mott KE; Cline BL
1980 Bull World Health Organ 58 (4) 639-647 Wa
Schistosoma mansoni, S. haematobium, humans,
advances in epidemiology survey methodology and
techniques, review
- Epidemiology, Trematoda
Mzembe SAT; Chaudhry MA
1981 Trop Animal Health and Prod 13 (1) Feb 27-
33 Wa
Fasciola gigantica, epidemiological cycle in
cattle, proposed control programme: Malawi
- Epidemiology, Trematoda
Passos ADC et al
1979 Rev Saude Pub S Paulo 13 (4) Dec 341-347
Wm
[Schistosoma] mansoni, new endemic focus,
epidemiologic survey, age and sex factors:
Sao Paulo, Brasil

- Epidemiology, Trematoda
Picq JJ; Roux J
1980 Med Trop 40 (1) Jan-Feb 9-21 Wm
Schistosoma spp., humans, epidemiology, extensive general review
- Epidemiology, Trematoda
Prentice MA; Barnish G
1981 Tr Roy Soc Trop Med and Hyg 75 (5) 713-714 Wa
Schistosoma mansoni, prevalence in 0-14-year-olds and snail infection rates following chemotherapy, results suggest that reservoir of human infection which inevitably remains following chemotherapy of proven cases only is capable of bringing about rapid resurgence of transmission unless treatment is supported by other control measures: St. Lucia, West Indies
- Epidemiology, Trematoda
Pugh RNH; Bell DR; Gilles HM
1980 Ann Trop Med and Parasitol 74 (6) Dec 597-613 Wa
Schistosoma haematobium, human, prevalence and intensity, host age and sex, haematuria, proteinuria, renal function, micturition disturbance, potential public health importance, recommendation for control based on rapid identification of intense infection and selective chemotherapy with single dose metrifonate-niridazole combination: northern Nigeria
- Epidemiology, Trematoda
Pugh RNH; Burrows JW; Tayo MA
1980 Ann Trop Med and Parasitol 74 (5) Oct 569-570 Wa
Schistosoma haematobium, S. mansoni, school-boys, evidence of increasing transmission: Malumfashi area, Nigeria
- Epidemiology, Trematoda
Pugh RNH; Schillhorn van Veen TW; Tayo MA
1980 Ann Trop Med and Parasitol 74 (4) Aug 447-453 Wa
Schistosoma bovis, Fasciola gigantica, sheep, goats, cattle, slaughter-slab surveys, prevalence in relation to some ecological and biological factors: Malumfashi, Nigeria
- Epidemiology, Trematoda
Putrali J et al
1980 Southeast Asian J Trop Med and Pub Health 11 (4) Dec 480-486 Wa
schistosomiasis pilot control project (human therapy with niridazole, mollusciciding with niclosamide, improving water supply and sanitation), interim results, epidemiological estimates for future: Lindu valley, Central Sulawesi, Indonesia
- Epidemiology, Trematoda
Rondelaud D
1980 Ann Parasitol 55 (4) July-Aug 393-405 Wa
Fasciola hepatica, human, epidemiology of 187 cases over 24 years, species of plant consumed, date of consumption, and place where plants were collected, species of Lymnaea present and their susceptibility to experimental infection: Limousin, France
- Epidemiology, Trematoda
Roux JF; Sellin B; Picq JJ
1980 Med Trop 40 (1) Jan-Feb 45-51 Wm
Schistosoma mansoni, humans, epidemiological survey, prevalence of hepato-splenomegalies in endemic areas, age of host, severe effect on public health and socio-economic development in Upper Volta and Ivory Coast
- Epidemiology, Trematoda
Saladin B et al
1980 Acta Trop 37 (1) Mar 53-62 Wa
Schistosoma mansoni, S. haematobium, human, prevalence, snail density fluctuations, seasonal patterns of infections in Bulinus globosus and Biomphalaria pfeifferi, both snail densities and cercarial infection rates markedly reduced by heavy rains: Liberia
- Epidemiology, Trematoda
Schillhorn van Veen TW
1980 Acta Trop 37 (2) June 183-194 Wa
Fasciola gigantica, seasonal changes in populations and infection rates of Lymnaea natalensis, epidemiological implications: Zaria area, Nigeria
- Epidemiology, Trematoda
Schutte CHJ; van Deventer JMG; Lamprecht T
1981 Am J Trop Med and Hyg 30 (2) Mar 364-372 Wa
Schistosoma haematobium, human, prevalence and intensity, hematuria, host age and sex, relationship to S. mansoni and S. mattheei: Northern KwaZulu, South Africa
- Epidemiology, Trematoda
Smith G
1981 Brit Vet J 137 (4) July-Aug 398-410 Wa
Fasciola hepatica, prevalence and intensity in sheep, cattle, and Lymnaea truncatula for period of 3 years in relation to weather and habitat microclimate, size-prevalence curves for snail hosts: Cumbria; Wales
- Epidemiology, Trematoda
Tayo MA; Pugh RNH; Bradley AK
1980 Ann Trop Med and Parasitol 74 (3) June 347-354 Wa
Schistosoma haematobium study area, human water-contact activities, frequency, degree of bodily contact with water, diurnal variation, age and sex differences, dry vs. wet season, implications for schistosomiasis transmission and control: Ruwan Sanyi dam, Malumfashi District, northern Nigeria
- Epidemiology, Trematoda
Upatham ES et al
1981 Ann Trop Med and Parasitol 75 (1) Feb 63-69 Wa
Schistosoma haematobium, patterns of transmission, bionomics of intermediate snail host Bulinus abyssinicus, seasonal rainfall and snail size among factors: Somali Democratic Republic
- Epidemiology, Trematoda
World Health Organization. Scientific Working Group on Schistosomiasis
1980 Bull World Health Organ 58 (4) 629-638 Wa
Schistosoma japonicum, population of rural community, quantitative aspects of epidemiological study, prevalence and intensity assessed according to age and sex of hosts, and to pathological findings: Luzon, Philippines
- Epidemiology, Trematoda
Yu S; Hua H
1980 Chinese Med J 93 (9) Sept 637-646 Wm
Schistosoma haematobium, humans, extensive epidemiological survey, measures for control of Bulinus spp. vectors, including effects of indigenous plants: Somalia

Epidemiology, Trematoda

- Zuidema PJ
1981 Trop and Geogr Med 33 (1) Mar 30-35 Wa
Schistosoma mansoni (possibly strain not well adapted to man), Katayama syndrome in Dutch tourists to the Omo National Park, epidemiology, pathology, clinical findings: Ethiopia

Epilepsy

- Chopra JS; Kaur U; Mahajan RC
1981 Tr Roy Soc Trop Med and Hyg 75 (4) 518-520 Wa
Cysticercus cellulosae (Taenia solium), human, cysticercus haemagglutination test used to estimate probable incidence of seropositivity almost equal in male and female patients, less in children than adults, did not appear to be related to duration of epilepsy

Epilepsy

- Jardim E; Takayanagui OM
1981 Arq Neuropsiquiat 39 (1) Mar 32-41 Wm
Chagas disease, humans, associated epileptic syndrome, clinical aspects, management

Epizootiology See Epidemiology

Erythrocytes [See also Blood]

Erythrocytes

- Bienzle U; Guggenmoos-Holzmann I; Luzzatto L
1981 Internat J Epidemiol 10 (1) Mar 9-15 Wm
malaria in children (mostly Plasmodium falciparum) living in holoendemic malaria region, clinical parameters such as parasitaemia and degree of anaemia examined with respect to sex, age, haemoglobin types, and erythrocyte glucose-6-phosphate dehydrogenase variants: West Africa

Erythrocytes

- Brown KN; Hills LA
1981 Tropenmed u Parasitol 32 (2) June 67-72 Wa
Plasmodium berghei, protective immunity in mice and rats is significantly enhanced by phenylhydrazine treatment, this effect generates memory, can be transferred with spleen cells, and can have both enhancing and suppressive action on protective immune response in recipients, implications for role of erythrocyte destruction in protective immunity to malaria

Erythrocytes

- Deas JE; Adler KA; Wilson LA
1981 Am J Trop Med and Hyg 30 (3) May 544-554 Wa
Plasmodium berghei, effect on membranes of murine erythrocytes, biochemical and immunological analyses, quantitative but not qualitative changes in membrane proteins and glycoproteins, no antigenic changes detected

Erythrocytes

- Dluzewski AR et al
1981 Brit J Haematol 49 (1) Sept 97-101 Wa
Plasmodium falciparum, P. knowlesi, technique that achieves invasion of lysed and resealed human and simian erythrocytes, applications for the study of process of parasite invasion of cells

Erythrocytes

- Facer CA; Brown J
1981 Lancet London (8225) 1 Apr 18 897-898 Wa
Plasmodium falciparum, human, monocyte erythrophagocytosis of non-parasitised cells exacerbates anaemia characteristic of this infection

Erythrocytes

- Gillet J et al
1978 Ann Soc Belge Med Trop 58 (2) June 89-93 Wa
Plasmodium berghei, resistance of fetal mice to congenital infections is not due to decreased levels of adenosine triphosphate in their erythrocytes

Erythrocytes

- Gorenflot A et al
1979 Ann Pharm Franc 37 (9-10) 385-398 Wa
Plasmodium berghei, mice (exper.), light and electron microscopic study of penetration of erythrocytes by merozoites, transient spheroidal transformation of erythrocytes occurs as parasites continue into hemoglobin bud, proposition of cycle suggested by changes in morphology of these cells

Erythrocytes

- Gorenflot A et al
1979 Ann Pharm Franc 37 (11-12) 493-500 Wa
Babesia divergens in cattle, B. canis in dogs, morphology of parasitized erythrocytes, different patterns depending upon Babesia species involved, light and scanning electron microscopy

Erythrocytes

- Gorenflot A et al
1980 Ann Pharm Franc 38 (1) 3-6 Wa
Plasmodium berghei, mice, morphologically-altered erythrocytes do not react differently from healthy ones in agglutination reactions with antisera against erythrocytes of healthy or infected mice, morphological alterations do not appear to be accompanied by modifications of erythrocyte antigenic properties

Erythrocytes

- Gorenflot A et al
1981 Ann Pharm Franc 39 (1) 3-10 Wa
Plasmodium berghei, modifications in morphology of parasitized erythrocytes, scanning electron microscopy, formation of 'metabolic windows'

Erythrocytes

- Guggenmoos-Holzmann I; Bienzle U; Luzzatto L
1981 Internat J Epidemiol 10 (1) Mar 16-22 Wm
Plasmodium falciparum, children under age 6, incidence and severity of infection with respect to haemoglobin types and red cell glucose-6-phosphate dehydrogenase variants, results suggest that the presence of these genetic traits offers selective advantage against infections, possible mechanisms discussed

Erythrocytes

- Gupta CM; Mishra GC
1981 Science (4498) 212 May 29 1047-1049 Wa
Plasmodium knowlesi, transbilayer phospholipid asymmetry in infected erythrocyte membranes

- Erythrocytes**
Hempelmann E; Dluzewski AR
1981 Tropenmed u Parasitol 32 (1) Mar 48-50 Wa
Plasmodium falciparum, fate of parasites in erythrocytes which have been treated with physostigmine (an acetylcholinesterase inhibitor)
- Erythrocytes**
Howard RJ et al
1980 J Protozool 27 (2) May 241-247 Issued July 17 Wa
Babesia bovis, comparison of surface proteins and glycoproteins on erythrocytes of calves before and during infection
- Erythrocytes**
Howard RJ et al
1981 Parasitology 83 (2) Oct 357-372 Wa
Plasmodium falciparum, P. vivax, erythrocyte membrane sialoglycoproteins in infected and uninfected individuals: Papua New Guinea
- Erythrocytes**
Howard RJ; Day KP
1981 Exper Parasitol 51 (1) Feb 95-103 Wa
Plasmodium berghei-infected mouse blood, modification of surface membrane glycoprotein sialic acids on uninfected and infected red cells, possible implications with regard to anemia induced by malaria (new sialic acid antigen(s) may elicit binding of autoantibody)
- Erythrocytes**
Howard RJ; Smith PM; Mitchell GF
1980 Parasitology 81 (2) Oct 251-271 Wa
Babesia rodhaini-infected intact or hypothyemic BALB/c mice, characterization of surface protein and glycoproteins on red blood cells; considerations in radioisotope labelling
- Erythrocytes**
Howard RJ; Smith PM; Mitchell GF
1980 Parasitology 81 (2) Oct 273-298 Wa
Plasmodium berghei-infected intact or hypothyemic BALB/c mice, characterization of surface proteins and glycoproteins on red blood cells; considerations in radioisotope labelling
- Erythrocytes**
Howard RJ; Smith PM; Mitchell GF
1980 Parasitology 81 (2) Oct 299-314 Wa
Plasmodium yoelii-infected intact or hypothyemic BALB/c mice, characterization of surface proteins and glycoproteins on red blood cells; considerations in radioisotope labelling
- Erythrocytes**
Ikede BO; Lule M; Terry RJ
1977 Acta Trop 34 (1) Mar 53-60 Wa
Trypanosoma congolense, T. brucei, mice, mechanisms of erythrocyte destruction
- Erythrocytes**
Ishihara K et al
1981 Japan J Vet Sc 43 (1) Feb 1-11 Wa
dirofilariasis, dogs with hemoglobinuria vs. normal dogs and dogs with chronic serious filariasis without hemoglobinemia and hemoglobinuria, hemolysis, lipid alterations in blood serum and red cell membrane
- Erythrocytes**
Kidson C
1981 Proc National Acad Sc 78 (9) Biol Sc Sept 5829-5832 Wa
Plasmodium falciparum, ovalocytic erythrocytes from Melanesians are resistant to merozoite invasion in vitro
- Erythrocytes**
Kilejian A
1981 Biochem Parasites (Slutzky) 67-73 Wa
Plasmodium falciparum, protein synthesized by parasite is correlated with formation of knobs on membranes of infected human erythrocytes, glycoprotein of parasite origin becomes apparent on membrane of infected erythrocytes during schizogony
- Erythrocytes**
Koenig E et al
1981 Tropenmed u Parasitol 32 (2) June 73-76 Wa
Plasmodium chabaudi, membrane-bound enzymes of infected erythrocytes, effects of chloroquine, mefloquine, primaquine, and floxacin with particular reference to inhibition of ornithine decarboxylase activity
- Erythrocytes**
Kruckeberg WC; Sander BJ; Sullivan DC
1981 Exper Parasitol 51 (3) June 438-443 Wa
Plasmodium berghei-infected and normal mouse erythrocytes, glycolytic enzyme activities, data also for uninfected mice with induced reticulocytosis
- Erythrocytes**
Maede Y
1980 Japan J Vet Sc 42 (3) June 281-288 Wa
Haemobartonella felis-infected cats (exper.), changes of erythrocyte lipids concentration and their relation to osmotic fragility
- Erythrocytes**
Mason RW et al
1981 Austral Vet J 57 (1) Jan 46 Wa
Eperythrozoon ovis, lambs (blood), association with Heinz body development: southeastern Tasmania
- Erythrocytes**
Ogunrinade AF; Anosa VO
1981 J Comp Path 91 (3) July 381-385 Wa
Fasciola gigantica-infected sheep, red blood cell survival and faecal clearance, implications for aetiology of anaemia
- Erythrocytes**
Pasvol G; Weatherall DJ; Wilson RJM
1980 Brit J Haematol 45 (2) June 285-295 Wa
Plasmodium falciparum, evidence that young red cells show increased susceptibility to invasion; theoretical, clinical, and practical implications
- Erythrocytes**
Perkins M
1981 J Cell Biol 90 (3) Sept 563-567 Wa
Plasmodium falciparum, inhibitory effects of erythrocyte membrane proteins on in vitro invasion of merozoites into host cell, observations imply role for glycophorin A in attachment of malarial parasite to erythrocyte surface
- Erythrocytes**
Rajvir et al
1981 Indian J Med Research 73 Suppl Jan 50-54 Wa
Plasmodium knowlesi-infected rhesus monkeys, analysis of red cell and plasma lipids profile at different levels of parasitaemia

- Erythrocytes**
Roth EF jr
1981 Exper Parasitol 51 (1) Feb 116-123 Wa
Babesia microti, hamsters infected from human source, subacute hemolytic anemia, biochemistry and function of erythrocytes (oxygen affinity, organic phosphate content, reduced glutathione status)
- Erythrocytes**
Sander BJ; Kruckeberg WC
1981 Exper Parasitol 52 (1) Aug 1-8 Wa
Plasmodium berghei-infected and normal mouse erythrocytes, concentrations of glycolytic intermediates and related metabolites, data also for uninfected mice with induced reticulocytosis
- Erythrocytes**
Schmidt-Ullrich R; Wallach DFH; Liphtholder J
1980 Cell Biol Internat Rep 4 (6) June 555-561 Wa
Plasmodium knowlesi, metabolic labelling of parasite-specific glycoproteins in membranes of parasitized rhesus monkey erythrocytes
- Erythrocytes**
Timms P; Murphy GM
1980 Research Vet Sc 29 (3) Nov 367-369 Wa
Babesia bigemina-infected cattle, changes in erythrocytic Na⁺ and K⁺ levels result from anemia rather than simply presence of parasites
- Erythrocytes**
Udeinya IJ et al
1981 Science (4507) 213 July 31 555-557 Wa
Plasmodium falciparum-infected erythrocytes specifically bind to cultured human endothelial cells, results suggest specific receptor-ligand interaction between endothelial cells and component(s) in knobs of infected erythrocytes
- Erythrocytes**
Wallach DFH; Mikkelsen RB; Schmidt-Ullrich R
1981 Ciba Found Symp (80) 220-233 Wm
plasmodial modifications of erythrocyte surfaces, review: changes in host cell surfaces and vascular sequestration; changes in host cell membrane proteins; metabolic labelling of parasite-synthesized components of host cell membranes; calcium modifications in parasitized erythrocytes
- Erythrocytes**
Wunderlich F; Stuebig H; Koenigk E
1981 Tropenmed u Parasitol 32 (2) June 77-81 Wa
Plasmodium chabaudi, effects of chloroquine on parasite membranes and host erythrocyte membranes
- Esophagus, Parasite**
Lee DL
1968 J Zool London 154 (1) Jan 9-18 Issued Jan 16 Wa
Nippostrongylus brasiliensis, ultrastructure of alimentary tract of infective (3rd) stage larvae, light and electron microscopy
- Ethiopia**
Kloos H et al
1980 Ethiop Med J 18 (2) Apr 53-62 Wm
intestinal parasitism, incidence survey, migrant farm labor populations in irrigation schemes in the Awash Valley, and in major labor source areas: Ethiopia
- Ethnic groups and racial stocks**
Beauvais B et al
1978 Bull Soc Path Exot 71 (2) Mar-Apr 172-181 Wa
toxoplasmosis, human, serological survey, results in relation to host age and sex, climate-soil zone, and province (with inhabitants of diverse ethnic and socio-economic groups): Gabon
- Ethnic groups and racial stocks**
Behbehani K; Al-Karmi T
1980 Tr Roy Soc Trop Med and Hyg 74 (2) 209-212 Wa
Toxoplasma gondii, human, antibody prevalence in relation to host sex, age, and nationality: Kuwait
- Ethnic groups and racial stocks**
Bella H et al
1980 Tr Roy Soc Trop Med and Hyg 74 (1) 36-39 Wa
Schistosoma mansoni, migrant workers, prevalence (by age, sex, ethnic group, and area), morbidity: Gezira, Sudan
- Ethnic groups and racial stocks**
Bos HJ et al
1980 Am J Trop Med and Hyg 29 (3) May 358-363 Wa
Entamoeba histolytica in 9 populations, sero-epidemiology, enzyme-linked immunosorbent assay, precipitin tests, age distribution: Surinam, South America
- Ethnic groups and racial stocks**
Chaves FJZC et al
1977 Am J Gastroenterol 68 (2) Aug 134-139 Wm
[*Entamoeba histolytica*, assessment of clinical and pathological findings in 56 patients with hepatic abscesses, male black patients 20-39 years old were most frequently affected: Luanda University Hospital, Angola
- Ethnic groups and racial stocks**
Fletcher KA et al
1981 Bull World Health Organ 59 (3) 407-412 Wa
primaquine, studies on pharmacokinetics (sensitive and specific assay for evidence of drug in plasma and urine, effects of single and multiple oral doses, variations between Caucasians and Thai subjects and persons with G6PD deficiency, effects on methaemoglobin levels)
- Ethnic groups and racial stocks**
Ghorbani M; Edrissian GH; Afshar A
1981 Tr Roy Soc Trop Med and Hyg 75 (1) 38-40 Wa
toxoplasmosis, human, distribution of antibodies by age group, sex, and ethnic group: mountainous regions of north-west and south-west parts of Iran
- Ethnic groups and racial stocks**
Hitzeroth HW; Bender K
1980 Human Genet 54 (2) 233-242 Wm
[*Plasmodium falciparum*, South African Negroes belonging to 7 different ethnic groups, high geographic co-distribution and interrelationship of G-6-PD deficiency and the occurrence of *falciparum* malaria in South Africa

Ethnic groups and racial stocks

- Hoffman SL et al
1981 Am J Trop Med and Hyg 30 (2) Mar 340-343
Wa
intestinal parasites in Indochinese immigrants. Cambodians and Laotians had higher rate of multiple parasites than Vietnamese. *Giardia lamblia* was more prevalent in children: clinics in San Diego, California

Ethnic groups and racial stocks

- Killion LL; Desowitz RS; Wiebenga NH
1981 Hawaii Med J 40 (7) 178-179 Wm
Giardia lamblia, humans, epidemiological survey due to increased rate of clinical enteric parasitic infections, Caucasian children between 1 and 9 most heavily infected: Maui, Hawaii

Ethnic groups and racial stocks

- Lapierre J et al
1979 Bull Soc Path Exot 72 (2) Mar-Apr 148-152
Wa
Schistosoma mansoni, serums from central and west African groups vs. West Indians, differences in responses to indirect fluorescent antibody test

Ethnic groups and racial stocks

- Mathews HM; Armstrong JC
1981 Am J Trop Med and Hyg 30 (2) Mar 299-303
Wa
Plasmodium vivax, prevalence in representatives of 2 ethnic groups, results support hypothesis relating Duffy-negative blood type with refractoriness to vivax malaria; relative prevalence of 3 other *Plasmodium* spp.: Ethiopia

Ethnic groups and racial stocks

- Murray MJ; Murray AB; Murray NJ
1980 Yale J Biol and Med 53 (4) July-Aug
295-306 Wa
ecological interdependence of diet and disease (including parasitism) in tribal societies which favors survival of man, Western dietary changes may result in intensification of indigenous disease

Ethnic groups and racial stocks

- Ortiz JS
1980 Am J Pub Health 70 (10) Oct 1103-1105 Wa
intestinal parasites in Puerto Rican farm workers, survey, prevalence by age and sex studied in population under age 15: area of Holyoke, Massachusetts

Ethnic groups and racial stocks

- Pillay SP et al
1981 Dis Colon and Rectum 24 (2) Mar-Apr
107-113 Wm
etiology of colonic strictures in South African black and Indian patients, findings include *Entamoeba histolytica* as a cause of non-malignant lesions

Ethnic groups and racial stocks

- Sinniah B; Sinniah D; Rajeswari B
1981 Am J Trop Med and Hyg 30 (3) May 734-738
Wa
Pediculus humanus capitis, school children, prevalence and distribution in relation to race, age, sex, hair length, ethnic group, and socioeconomic group: Peninsular Malaysia

Ethnic groups and racial stocks

- Sole TD; Croll NA
1980 Am J Trop Med and Hyg 29 (3) May 364-368
Wa
intestinal parasites, human, survey, prevalence by town, sex, racial origin, and age group, possible reasons for low prevalence: Labrador, Canada

Ethnic groups and racial stocks

- Stanghellini A; Duvallet G
1981 Tropenmed u Parasitol 32 (3) Sept 141-144
Wa
Trypanosoma gambiense, human, distribution in population by village, ethnic group, sex, and age, highest incidence among men in age-groups 10 to 30 and among immigrants from Upper Volta: Ivory Coast

Ethnic groups and racial stocks

- Thomas V; Sinniah B; Yap PL
1980 Southeast Asian J Trop Med and Pub Health 11 (1) Mar 119-125 Wa
Toxoplasma gondii, human, indirect fluorescent antibody prevalence in relation to age group, sex, and ethnic group, prevalence of specific IgM antibodies: Malaysia

Ethnic groups and racial stocks

- Wirz A
1980 Gesnerus 37 (3-4) 215-234 Wm
malaria in colonial cities, influence of racial factors in control and prophylaxis in areas such as Cameroon

Evolution [See also Adaptation; Genetics]

Evolution

- Bamforth SS
1981 J Protozool 28 (1) Feb 2-9 Issued June 18
Wa
protist biogeography, ecological and historical aspects, past-president's address, 33. Ann. Meet. Soc. Protozool.

Evolution

- Bozkov D
1980 Ang Parasitol 21 (2) May 91-94 Wa
trematodes, evolution of their life cycle formulated into 2 rules

Evolution

- Brooks DR
1979 Am Zool 19 (4) 1225-1238 Wa
digeneans of crocodilians, phylogenetic, genealogical, and biogeographical relationships, coevolutionary implications, symposium presentation

Evolution

- Brooks DR
1980 System Zool 29 (2) June 192-203 Wa
allopatric speciation and non-interactive parasite community structure (where site specificity is independent of presence or absence of other parasites)

Evolution

- Brooks DR
1980 System Zool 29 (2) June 214-215 Wa
parasite communities, phylogeny, and ecology, response to Holmes, J. C.; and Price, P. W., 1980. System. Zool., v. 29 (2), 203-213

- Evolution
Brooks DR
1981 System Zool 30 (2) June 203-207 Wa
raw similarity measures of shared parasites:
An empirical tool for determining host phylo-
genetic relationships?, comment on Ernst, C.
H.; and Ernst, E. M., 1980, Proc. Biol. Soc.
Washington, v. 93 (2), pp. 339-345.
- Evolution
Brooks DR
1981 System Zool 30 (3) Sept 229-249 Wa
Hennig's parasitological method, proposed so-
lution and implications for studies in coevo-
lution
- Evolution
Brugerolle G et al
1980 Ztschr Parasitenk 62 (1) 47-61 Wa
Diplomonadida, taxonomic propositions and pos-
sible evolutionary trends as presented at last
International Congress of Parasitology
- Evolution
Clark RB
1980 Zool Jahrb Jena Abt Anat 103 (2-3) 169-195
Wa
metameric segmentation in cestodes and several
other animal groups, nature and origin, com-
parative review
- Evolution
Conway Morris S
1981 Parasitology 82 (3) June 489-509 Wa
parasites and the fossil record, review and
discussion
- Evolution
Curgy JJ; Vavra J; Vivares C
1980 Biol Cell 38 (1) May 49-52 Wa
Thelohania maenadis, Inodosporus sp., presence
of ribosomal RNAs with prokaryotic properties
in these eukaryotic organisms, phylogenetic
implications
- Evolution
Cutler B
1980 Experientia 36 (8) Aug 15 953 Wa
arthropod cuticle, synapomorphic features cited
as evidence for monophyletic origin of current
arthropod classes
- Evolution
Day JF; Benton AH
1980 Am Midland Naturalist 103 (2) Apr 333-338
Wa
siphonapteran parasites of Glaucomys volans
volans have apparently separated themselves
seasonally by adjusting their life history
schedules so that adults of only one species
of flea predominate in the nest during any
given month of the year
- Evolution
Desser SS
1981 J Protozool 28 (2) May 260-261 Wa
Eimeria of fish, life cycles, brief review,
evolutionary implications
- Evolution
Durette-Desset MC; Chabaud AG
1981 Ann Parasitol 56 (3) 297-312 Wa
Trichostrongyloidea, new classification,
hypotheses on evolution
- Evolution
Ernst CH; Ernst EM
1980 Proc Biol Soc Wash 93 (2) Aug 28 339-345
Wa
relationships between North American turtles of
the Chrysemys complex as indicated by their en-
doparasitic helminths
- Evolution
Euzet L; Swiderski Z; Mokhtar-Maamouri F
1981 Ann Parasitol 56 (3) 247-259 Wa
cestodes, spermatozoa, comparative ultrastruc-
ture, evolutionary implications
- Evolution
Fain A; Lukoschus FS
1976 Acta Zool et Path Antverpiensia (66) Dec
121-188 Wa
Myobiidae of Insectivora, geographic distribu-
tion, host specificity, and phylogeny
- Evolution
Fain A; Lukoschus FS
1977 Acta Zool et Path Antverpiensia (69) Dec
11-97 Wa
Myobiidae of rodents, host-parasite specific-
ity and parallel evolution
- Evolution
Garnham PCC; Kuttler KL
1980 Proc Roy Soc London s B Biol Sc (1165) 206
Jan 17 395-402 Wa
Plasmodium odocoilei sp. nov. from splenecto-
mized Odocoileus virginianus (blood) (nat. and
exper.); phylogeny of P. odocoilei and other
malaria parasites of ungulates: Tyler County,
east Texas, U.S.A.
- Evolution
Grey AJ; Mackiewicz JS
1980 Internat J Parasitol 10 (5-6) Nov-Dec 397-
407 Wa
Glaridacris catostomi, mitotic and meiotic
chromosomes, diploidy, triploidy, and
parthenogenesis, taxonomic and evolutionary
implications
- Evolution
Grossman AI; Cain GD
1981 J Helminth 55 (1) Mar 71-78 Wa
Megalodiscus temperatus, Philophthalmus gralli,
karyotypes, mitotic chromosome number and mor-
phology, C-heterochromatin; possible mechanisms
of chromosomal dimorphism in M. temperatus and
its significance in evolution of sex-chromosome
differentiation in trematodes
- Evolution
Gusev AV
1976 Indian J Helminth 25-26 1973-1974 241 pp
Issued Apr 7 Wa
Monogenoidea of freshwater fish, systematics,
morphology, evolution, host age and size
factors, attachment to host, zoogeographic
analysis of Indian and other faunas
- Evolution
Hamilton WD
1980 Oikos 35 (2) Oct 282-290 Wa
parasite pressure as an evolutionary factor
sufficiently general to account for host sex
wherever it exists, 2 models (one-locus diploid
selection and two-locus haploid selection)

Evolution

- Haub F
1980 Ann Entom Soc Am 73 (1) Jan 15 3-6 Wa
comments concerning 'Phylogenetic relationships of parasitic Psocodea and taxonomic position of the Anoplura' by K. C. Kim and H. W. Ludwig, Ann. Entom. Soc. Am., v. 71 (6), Nov. 15, 1978, pp. 910-922

Evolution

- Hobbs RP
1980 Am Mid Nat 103 (1) Jan 15-25 Wa
two helminth communities from Ochotona princeps and *O. collaris*, role of interspecific interactions in evolution of site specificity along host intestine: Canada

Evolution

- Holmes JC; Price PW
1980 System Zool 29 (2) June 203-213 Wa
parasite communities, roles of phylogeny and ecology, response to Brooks, D. R., 1980, System. Zool., v. 29 (2), 192-203

Evolution

- Hugot JP
1980 Ann Parasitol 55 (1) Jan-Feb 97-109 Wa
Citellina, 5 different cephalic types, affinities with other genera, evolutionary interpretation

Evolution

- Kaiser H; Skofitsch G
1981 Zool Jahrb Jena Abt Syst 108 (1) 70-83 Wa
Hexameris sp., *H. lineata*, *Mermis nigrescens*, *Pheromermis* sp., disc electrophoresis of proteins, reactions in gel diffusion tests with antiserum against *Hexameris* sp., correlation of these characters with morphologic and biologic characters, implications for taxonomy and phylogeny of Mermithidae

Evolution

- Kassai T
1979 Ang Parasitol 20 (3) Sept 123-131 Wa
immunological aspects of phylogeny of host-parasite relationships, review

Evolution

- Kirchner TB; Anderson RV; Ingham RE
1980 Ecology 61 (2) Apr 232-237 Wa
natural selection and distribution of nematode sizes, habitat constraints, life history strategies, and physiology as factors

Evolution

- Kristensen NP
1981 Ann Rev Entom 26 135-157 Wa
phylogeny of insect orders, includes Siphonaptera, review

Evolution

- Kuris AM; Blaustein AR; Alio JJ
1980 Am Naturalist 116 (4) Oct 570-586 Wa
criticisms of application of island biogeography theory to situation involving animal hosts as islands for parasites

Evolution

- Lambert A
1980 Ann Parasitol 55 (3) May-June 281-325 Wa
oncomiracidia and phylogenesis of Monogenea, review and synthesis of published work: ciliated cells and larval chaetotaxy; evolution

Evolution

- Levin S; Pimentel D
1981 Am Naturalist 117 (3) Mar 308-315 Wa
group selection of intermediate rates of increase in parasite-host systems, mathematical model

Evolution

- Lichtenfels JR
1979 Am Zool 19 (4) 1185-1194 Wa
Strongyloidea, description of conventional (traditional) approach to first phylogenetic classification [See Lichtenfels, J. R., 1979, CIH Keys Nematode Parasites Vertebrates (7).], symposium presentation

Evolution

- LoVerde PT; Frederickson DW
1978 Proc Helminth Soc Washington 45 (2) July 158-161 Issued Aug 30 Wa
Cotylogaster occidentalis, chromosome number ($2n = 12$) and morphology, meiotic chromosomes observed for *Cotylospis insignis* (haploid number = 11, $2n = 22$); phylogenetic implications of chromosome numbers in the Aspidogastrea

Evolution

- Mackiewicz JS; Ehrenpris MB
1980 Proc Helminth Soc Washington 47 (1) Jan 1-9 Issued Feb 15 Wa
caryophyllid cestodes, calcareous corpuscle distribution in 4 species, comparison with *Proteocephalus* sp. and *Hymenolepis diminuta* (controls), possible evidence of cryptic segmentation, significance to origin of segmentation in cestodes

Evolution

- MacKay RM; Gray MW; Doolittle WF
1980 Nucleic Acids Research 8 (21) Nov 11 4911-4917 Wa
Crithidia fasciculata, nucleotide sequence of cytosol 5S ribosomal RNA, evolutionary implications

Evolution

- Mendez E
1977 Quaest Entom 13 (2) Apr 91-182 Wa
mammalian fleas, key, host specificity, ecological and evolutionary factors in flea distribution: southwestern Colombia

Evolution

- Morel PC
1979 Bull Acad Vet France 132 n s 52 (4) Nov-Dec 583-589 Wa
Ixodoidea, joint evolution with their mammal hosts under varying ecological conditions; life cycle types, review

Evolution

- Moss WW
1979 Am Zool 19 (4) 1217-1223 Wa
Harptrynchidae, phenetic approaches to classification, symposium presentation

Evolution

- Overstreet RM
1981 J Protozool 28 (2) May 258-260 Wa
Eimeria species in nonepithelial sites, brief review with emphasis on life cycle of *E. funduli* in killifishes, evolutionary implications

- Evolution
Pichon G
1981 Ann Parasitol 56 (1) 107-120 Wa
Wuchereria bancrofti, Brugia malayi, approach to speciation based on study of microfilarial periodicity as function of microfilarial density, relationship to possible dissemination of parasites in Pacific prehistory by migrating Polynesians
- Evolution
Poinar GO jr
1978 Proc Helminth Soc Washington 45 (2) July 202-210 Issued Aug 30 Wa
nematodes, associations with oligochaetes as phoretic, paratenic, intermediate, or sole hosts, evolutionary history, review, list of known natural relationships (150 species of nematodes with hosts)
- Evolution
Rohde K
1980 Ang Parasitol 21 (1) Feb 32-48 Wa
Gotocotyla secunda, Hexostoma euthynni, ultra-structure of various organ systems, phylogenetic relationship to parasitic platyhelminths
- Evolution
Rohde K
1980 Experientia 36 (12) Dec 15 1368-1369 Wa
Monogenea, number of species per marine fish species increases from high to low latitudes and is much greater in Pacific vs. Atlantic Ocean, suggested that differences are due to more advanced evolution at low latitudes and in Pacific Ocean
- Evolution
Schom C; Novak M; Evans WS
1981 Parasitology 83 (1) Aug 77-90 Wa
Hymenolepis citelli in Tribolium confusum, effect of host starvation prior to infection, parasite population size, host sex, and host genotype on host mortality or survival and on rate of parasite development, evaluation of results from genetic and evolutionary point of view
- Evolution
Sergeeva TP
1978 Trudy Gel'mintol Lab Akad Nauk SSSR 28 38-46 Wa
Acuariidae, Streptocaridae, host specificity in laridine birds, evolution, diagrams of conjectural schemes of phylogeny
- Evolution
Sharpilo VP
1979 Vestnik Zool Akad Nauk Ukrainsk SSR Inst Zool (1), Jan-Feb 3-13 Wa
paratenic hosts in helminth life cycles, significance in evolution and epidemiology, theoretical review
- Evolution
Trail DRS
1980 Am Naturalist 116 (1) July 77-91 Wa
parasite-induced modifications of host behavior, analysis with respect to (1) dispersal of parasite propagules to new hosts, (2) modification of host's energy budget to provide energy for parasite's growth and maturation, and (3) keeping the host alive until the parasite has completed its life cycle, phenomenon of host 'suicide' and its possible role in evolution of complex life cycles
- Evolution
Wheatley BP
1980 J Mamm 61 (2) May 307-311 Wa
malaria as a possible selective factor in the speciation of Macaca mulatta and M. fascicularis
- Evolution
Willmott SM
1981 Parasitology 82 (4) July 161-174 Wa
evolution of helminths, Workshop Proceedings, 3. European Multicolloquium on Parasitology
- Excretory system, Parasite
Atkinson HJ; Onwuliri COE
1981 Exper Parasitol 52 (2) Oct 191-198 Wa
Nippostrongylus brasiliensis, Haemonchus contortus, improved technique for measuring water content of nematodes using electronic interferometer, application to study of function of excretory ampulla of 3rd stage larvae, results suggest that ampulla is adaptation to hypotonic conditions favoring volume homeostasis that is required for optimal locomotor activity
- Excretory system, Parasite
Balashov IuS; Raikhel AS
1975 Parazitologiya Leningrad 9 (3) May-June 252-259 Wa
Hyalomma asiaticum, excretory system of unfed females, electron microscopy
- Excretory system, Parasite
Jones BR
1980 IRCS Med Sc Key Rep Human and Animal Physiol 8 (2) Feb 80-81 Wa
Hydatigera taeniaeformis cysticercus, localization of acetylcholinesterase activity in excretory collecting tubules, electron microscopy
- Excretory system, Parasite
Pan SC
1980 J Invert Path 36 (3) Nov 307-372 Wa
Schistosoma mansoni miracidium, cellular organization, detailed fine structure
- Excretory system, Parasite
Rohde K
1980 Ang Parasitol 21 (1) Feb 32-48 Wa
Gotocotyla secunda, Hexostoma euthynni, ultra-structure of various organ systems, phylogenetic relationship to parasitic platyhelminths
- Excretory system, Parasite
Tang Z et al
1980 Tung Wu Hsueh Pao (Acta Zool Sinica) 26 (3) Sept 232-242 Wa
Philophthalmus gralli, incidence in domestic fowl, life cycle study, encystation behavior of cercaria, observations on excretory system of metacercaria, mode of infection, route of migration of worm: Fujian, China
- Excretory system, Parasite
Tongu Y
1974 Acta Med Okayama 28 (3) June 219-242 Wm
Brugia malayi, microfilariae, fine structure of sheath, cuticle, muscle cells, excretory apparatus
- Excretory system, Parasite
Williams JB
1981 Austral J Zool 29 (2) 131-145 Wa
Tenniocephala novaezealandiae, structure of flame cells and main vessels, protonephridial system probably functions in osmoregulation and ionic regulation, and perhaps also participates in excretion of nitrogenous wastes

Excystation See Cysts

Exotic diseases See Disease transmission, Imported and exported hosts; Disease transmission, Travel and migration

Exsheathment See Ecdysis

Eye

Albiez EJ; Ganley JP; Buettner DW
1981 Tropenmed u Parasitol 32 (1) Mar 25-28 Wa
Onchocerca volvulus, human, clinical, parasitological, and ophthalmological data, host age and sex: hyperendemic village in rain forest of Liberia

Eye

Aouchiche M; Hartani D
1980 J Franc Ophtal 3 (8-9) 457-461 Wm
echinococcosis, human orbital hydatid cysts, pathological aspects, diagnosis, surgical management

Eye

Arnesen K; Nordstoga K
1977 Acta Ophth 55 (4) Aug 641-651 Wm
Encephalitozoon cuniculi in Alopex lagopus, cause of ocular vascular lesions of polyarteritis nodosa type and of cataracts, clinical pathology, possibly autoimmune reaction: Finland

Eye

Atmaca L; Kanpolat
1979 Indian J Ophth 27 (2) July 17-25 Wm
toxoplasmosis, human eye, congenital or acquired infections, pathological findings in chorioretinitis, clinical management of 29 cases reviewed: Turkey

Eye

Ba O; Rolland A; Marshall TFC
1981 Tropenmed u Parasitol 32 (3) Sept 181-183 Wa
Onchocerca volvulus, human, relationships between microfilaruria, irreversible eye lesions, and microfilarial load in anterior segment of eye according to age and sex: North Benin

Eye

Beaver PC et al
1980 Am J Trop Med and Hyg 29 (3) May 369-372 Wa
Dipetalonema [sp.], fourth-stage female in eye of man, case report, description of worm: western Oregon, U.S.A.

Eye

Bos HJ; Voelker-Dieben HJM; Kok-van Alphen CC
1981 Tr Roy Soc Trop Med and Hyg 75 (1) 86-91 Wa
Acanthamoeba sp., possibly A. castellanii, 36-year-old man, severe keratitis, case report; another case reported briefly in Addendum: The Netherlands

Eye

Braunstein RA; Gass JDM
1980 Arch Ophth Chicago 98 (3) Mar 512-513 Wa
toxoplasmosis, humans, 3 case reports, retinal branch artery obstruction resulting from toxoplasmic retinochoroiditis

Eye

Bruijning CFA
1981 Trop and Geogr Med 33 (3) Sept 295-305 Wa
Dirofilaria 'conjunctivae' (European sp. which may be D. repens), woman, ocular infection, differential diagnostic pathology, case review: Netherlands, had vacationed in Spain

Eye

Crane TB; Christensen GR
1981 Ann Ophth Chicago 13 (3) Mar 345-348 Wm
Toxocara canis, 10-year-old male, presumed subretinal granulomatous infestation with visual recovery, serological diagnosis unconfirmed but testing suggested the possibility of toxoplasmosis occurring as a concurrent infection, clinical review: rural Iowa

Eye

Dar MS et al
1980 Tr Roy Soc Trop Med and Hyg 74 (3) 303-306 Wa
Oestrus ovis, human ophthalmomyiasis, incidence, seasonal variation, host age and sex distribution, typical case history: Benghazi area, Eastern Libya

Eye

Fitzgerald CR
1980 Arch Ophth Chicago 98 (2) Feb 321-323 Wa
presumed toxoplasmic eye infections resulting in secondary vitreous opacity, humans, surgical management using pars plana vitrectomy, 4 case reports

Eye

Francois J
1981 J Franc Ophtal 4 (2) 157-165 Wm
toxoplasmosis, human congenital infections, delayed pathologic developments in eye, differential diagnosis

Eye

Hamburg A; De Jonckheere JF
1980 Ophthalmologica Basel 181 (2) 74-80 Wm
Acanthamoeba [sp.], man, case report, chronic keratitis, diagnosed by histological examination of enucleated tissue; diagnostic problems, clinical management, general review: Netherlands

Eye

Harry OG
1980 J Invert Path 36 (3) Nov 283-291 Wa
Licnophora auerbachii on Chlamys opercularis (eyes), pathology, attachment and locomotory activities of basal disc, scanning electron microscopy, phase contrast microscopy

Eye

Hay J et al
1981 Ann Trop Med and Parasitol 75 (4) Aug 455-457 Wm
Toxoplasma gondii, cataracts in congenitally infected mice

Eye

Key SN III et al
1980 Arch Ophth Chicago 98 (3) Mar 475-479 Wa
Acanthamoeba castellanii, 27-year-old man with keratitis, clinico-pathologic case report, organism identified by immunofluorescent staining of material from necrotic cornea of enucleated eye

Eye

Lagraulet J
1978 Bull Soc Path Exot 71 (3) May-June 292-296

Wa
onchocercosis, humans, presence of microfilariae in anterior chamber of eye, relationship to severity of ocular lesions

Eye

Lagraulet J
1978 Bull Soc Path Exot 71 (4-5) July-Oct 347-349

Wa
onchocerciasis, humans, possible relationships between nodules located on head and presence of microfilariae in anterior chamber of eye

Eye

Luxenberg MN
1979 Tr Am Ophth Soc 77 542-602 Wm

Toxocara canis, exper, infection in Aotus trivirgatus, clinical manifestations with emphasis on eye infections, various diagnostic tests, evaluation of systemic and intraocular responses with various laboratory and serological tests including the ELISA test, literature review

Eye

Maertens K
1981 Ann Soc Belge Med Trop 61 (2) June 199-224

Wa
onchocerciasis, humans, ocular complications, pathology, therapy, general review, colloquium presentation

Eye

Martin WG et al
1980 Am J Ophth Chicago 90 (1) July 25-29 Wa
Toxoplasma gondii, patients with peripapillary lesions secondary to toxoplasmosis, visual field defects corresponding to interruption of nerve fiber layer of retina

Eye

Meseric B; Panian Z
1979 Lijec Vjesnik Zagreb 101 (8) Aug 501-502

Wm
parasitic orbital edema, significance of immuno-diagnosis; fascioliasis, child, case report, diagnosed by skin test and gel diffusion

Eye

Norn MS; Lundvall F; Paerregaard P
1976 Acta Ophth 54 (5) Oct 574-578 Wm
Trichomonas vaginalis, humans, not likely to be cause of conjunctivitis

Eye

Osman ZM; et al
1978 Bull Ophth Soc Egypt (75) 71 177-190 Wm
Toxoplasma, blind children, diagnosis of congenital infection using fluorescent antibody test, probable role in etiology of blindness: Egypt

Eye

Rebhun WC et al
1981 J Am Vet Med Ass 179 (5) Sept 1 469-472
Wa
Habronema larvae as cause of blepharoconjunctivitis in horses, case reports

Eye

Rockey JH et al
1981 Arch Ophth Chicago 99 (10) Oct 1831-1840
Wa
Toxocara canis, Ascaris suum, passively sensitized guinea pigs and animals infected intravitreally with ascarid larvae, role of IgE antibodies and mast cells in immunopathology of eye

Eye

Rolland A; Thylefors B
1979 Tropenmed u Parasitol 30 (4) Dec 482-488

Wa
ocular onchocerciasis, human, prevalence, host age and sex, severity of disease, incidence of blindness, evaluation after 3 years of vector control in 4 rural communities in West Africa

Eye

Saari M
1977 Acta Ophth 55 (3) June 539-547 Wm
toxoplasmosis, humans, chorioretinitis, study of macular changes

Eye

Sen DK
1980 Acta Ophth 58 (1) 144-147 Wm
Cysticercus cellulosae, humans, case reports, cysts in the lacrimal gland, orbit, and eye lid, histopathology, diagnosis

Eye

Stilma JS
1981 Doc Ophth 50 (2) Mar 20 327-335 Wm
onchocerciasis associated with glaucoma, human, ophthalmological aspects of the limbus and Tenon's capsule: Ghana

Eye

Thylefors B; Duppenhaler JL
1979 Bull World Health Organ 57 (6) 963-969 Wa
onchocerciasis, human eye infections, epidemiology of intraocular pressure in persons living in endemic areas of West Africa

Eye

Thylefors B; Rolland A
1977 Ann Soc Belge Med Trop 57 (6) Dec 577-582

Wa
Onchocerca volvulus-endemic village, evaluation of 13-year blackfly control program, ophthalmological examinations: Farako (region de Sikasso, Republique du Mali)

Eye

Thylefors B; Tónjum AM
1980 Bull World Health Organ 58 (1) 107-112 Wa
Onchocerca volvulus, humans, 3-year follow-up of ocular infections in area of vector control, only slightly decreased overall prevalence of infection but infections in children 5-14 years of age were significantly less: West Africa

Eye

Torroella JJ
1979 SPM Salud Pub Mexico 21 (6) Nov-Dec 747-756 Wm
Onchocerca volvulus, humans, ocular pathology

Eye

Wilson WB; Sharpe JA; Deck JHN
1980 Am J Ophth Chicago 89 (5) May 714-718 Wa
Toxoplasma gondii, patients with central nervous system infections who were on immunosuppressive therapy, oculomotor nerve palsy and visual loss caused by cerebral involvement, case reports, clinical aspects

Eye

Wyler DJ; Blackman HJ; Lunde MN
1980 Am J Trop Med and Hyg 29 (6) Nov 1181-1186

Wa
Toxoplasma gondii, patients with toxoplasmal retinochoroiditis vs. seropositive and seronegative controls, antibody titers, in vitro lymphoproliferative responses to toxoplasmal and retinal antigens, observations raise possibility of autoimmune component in pathogenesis of relapses in toxoplasmal retinochoroiditis

Fats See Lipids

Fatty acids See Lipids

Fecal examination See Technique, Fecal examination

Feeding

Andrews RH; Bull CM
1981 Animal Behaviour London 29 (2) May 518-522
Wa
Aponomma hydrosauri, inhibition of mating behaviour before feeding

Feeding

Binnington KC; Kemp DH
1980 Advances Parasitol 18 315-339 Wa
ticks, role of salivary glands in feeding and disease transmission, review: salivary gland functions during attachment and feeding (secretion of attachment cement; salivary secretions and tick feeding; passage of material through salivary glands during feeding); toxicosis (host paralysis); disease transmission (Theileria; Babesia)

Feeding

Bloch EH
1980 Am J Trop Med and Hyg 29 (1) Jan 62-70 Wa
Schistosoma mansoni, in vivo microscopy in mice, dynamics of schistosomule and egg migration in lungs, liver, and intestine, feeding pattern of schistosomules, tissue pathology

Feeding

Bogitsh BJ
[1980] J Parasitol 65 (6) Dec 1979 964-966
Issued Apr 2 Wa
Schistosoma mansoni, in vitro effects of actinomycin-D on gastrodermis of schistosomules, treated schistosomules were incapable of ingesting red blood cells

Feeding

Coons LB; Roshdy MA
1981 Ztschr Parasitenk 65 (2) 225-234 Wa
Argas arboreus, ultrastructure of granule secretion in salivary glands during feeding

Feeding

Dickinson RG et al
1980 J Austral Entom Soc 18 (3) 1979 199-210
Issued Mar 14 Wa
Boophilus microplus, a prostaglandin and a second smooth muscle contracting component from saliva, salivary glands or hemolymph of engorged or partly engorged females; prostaglandin not dependent on host immune status nor of host origin, more likely produced by tick, possibly functions in establishing feeding lesion or has physiological role in tick; identity and role of second component not known

Feeding

Fawcett DW; Doxsey S; Buescher G
1981 Tissue and Cell 13 (2) 231-253 Wa
Rhipicephalus appendiculatus, salivary gland, changes in ultrastructure of type III acinus in course of feeding, cellular basis for fluid secretion in type III acinus

Feeding

Galun R
1979 Pract Tissue Culture Applic 399-406 Wa
combination of in vitro feeding techniques and tissue culture for study of arthropod-borne disease agents

Feeding

Guenther PE; Barker DM; Sauer JR
1980 Ann Entom Soc Am 73 (4) July 15 485-488 Wa
Amblyomma maculatum, sheep (exper.), whole body water and concentrations of sodium and chloride in whole tick, gut content, hemolymph, and saliva of pre-fed and engorging females measured, comparison with published results for A. americanum; A. maculatum may imbibe considerable non-whole blood tissue while feeding on sheep

Feeding

Hall RD; Turner EC jr; Gross WB
1979 J Med Entom 16 (3) Oct 12 259-261 Wa
Cimex lectularius, apparatus for feeding individual colonies blood diets at constant temperature and with different corticosterone levels; corticosterone had no effect on bed bug fecundity

Feeding

Howells RE; Chen SN
1980 Trop Dis Research Ser (3) 395-396 Wm
Brugia pahangi, feeding and nutrient uptake in vivo and in vitro, workshop presentation

Feeding

Howells RE; Chen SN
1981 Exper Parasitol 51 (1) Feb 42-58 Wa
Brugia pahangi, transcuticular uptake of D-glucose, L-leucine, and adenosine in vitro, no evidence for oral ingestion of materials in vitro but oral uptake of Trypan blue demonstrated in vivo, ultrastructure and cytochemical staining reactions for enzymes of gut and body wall

Feeding

Kamala Bai M; Prasad RS
1979 J Med Entom 16 (2) Sept 28 164-165 Wa
Xenopsylla cheopis, X. astia, influence of nutrition and feeding stimulus on maturation of males

Feeding

Klunker R
1979 Ang Parasitol 20 (2) June 88-108 Wa
blood-sucking arthropods, methods of in-vitro-feeding, review

Feeding

Kosminskii RB; Guseva AA
1975 Parazitologia Leningrad 9 (3) May-June 265-270 Wa
Ctenophthalmus wagneri, feeding and reproduction under laboratory conditions at 20-21° C or 2-5° C

Feeding

Kuramochi K; Nishijima Y
1980 Applied Entom and Zool 15 (3) Aug 262-269 Wa
Haematobia irritans, measurement of meal size by use of amaranth

Feeding

Lavoipierre MMJ; Radovsky FJ; Budwiser PD
1979 J Med Entom 15 (3) Mar 23 187-217 Wa
Tunga monositus on Mus musculus (skin of ear pinna) (exper.), detailed description of feeding behavior and diet, histological study of embedded fleas, development of female on host, dependence on host inflammatory and repair response for survival and reproduction

- Feeding**
Lavoipierre MMJ; Radovsky FJ; Budwiser PD
1979 J Med Entom 16 (2) Sept 28 85-94 Wa
Tunga monositus on laboratory Peromyscus maniculatus (ear pinna) wild-caught from 2 localities, feeding behavior, cell intake, and neosomy, histological examination of sequential serial sections, comparison with findings from Mus musculus
- Feeding**
Luetzen J; Nielsen K
1975 Vidensk Medd Dansk Naturh Forening 138 Dec 171-199 Wa
Echineulima spp., sea urchins, mode of attachment, structure of alimentary tract, proboscideal movements and feeding, reproductive organs, oviposition, possible hermaphroditism, sporozoans found in E. mitrei (mantle and digestive glands)
- Feeding**
McMullen HL et al
1980 Biochem and Biophys Research Commun 95 (4) Aug 29 1555-1562 Wm
Amblyomma americanum, calcium-dependent modulator proteins of 3':5'-cyclic-AMP phosphodiesterase isolated from salivary glands, role in regulation of salivary fluid secretion
- Feeding**
Meng YC et al
1980 Acta Entom Sinica 23 (1) Feb 9-15 Wa
Haemolaelaps glasgowi and Eulaelaps stabularis, counter immunoelectrophoresis to determine feeding patterns and identify nature of ingested blood
- Feeding**
Obenchain FD; Leahy MG Sister; Oliver JH jr
1980 J Parasitol 66 (2) Apr 282-286 Wa
Dermacentor variabilis, relationship between measure of surface area of tick scutum and unfed and engorged tick weights, usefulness of this relationship in quantification of engorgement
- Feeding**
Panfilova IM
1980 Zool Zhurnal 59 (6) June 851-858 Wa
Ixodes persulcatus females, changes in neuroendocrine system and amounts of secretory substances during feeding
- Feeding**
Panfilova IM
1980 Zool Zhurnal 59 (8) Aug 1137-1147 Wa
Ixodes persulcatus, feeding females, inhibition of growth and oogenesis related to absence of fertilization, disturbances in activity of sympathetic neurosecretory cells and lateral organs, dynamics of activity of different elements of neuro-endocrine system compared in feeding non-fertilized and fertilized females (these changes in non-fertilized females considered an adaptation to long wait for fertilization)
- Feeding**
Powell MB et al
1980 Am J Vet Research 41 (6) June 877-882 Wa
Otodectes cynotis, cats (nat. and exper.), reaginic hypersensitivity, precipitating antibodies, hematologic indices; mode of feeding requires ingesting feline tissue fluids and its route by which parasite antigens are presented to host
- Feeding**
Randolph SE
1980 J Parasitol 66 (2) Apr 287-292 Wa
Ixodes trianguliceps females, delayed mating decreases rate of engorgement and reduces reproductive output, ecological significance lies in fact that inverse density dependent factor may have destabilizing effect on tick population that might be exploited in control of ticks
- Feeding**
Thuet P; Romestand B
1981 Arch Internat Physiol et Biochim 89 (1) Feb 15-33 Wa
Meinertia oestroides, Anilocra physodes, osmotic and ionic regulation, water transfer as function of salinity of medium, relationship to localization on host body, hypothesis concerning mechanism of feeding; some results also for Emetha audouini
- Feeding**
Wilfred M; Lee DL
1981 Internat J Parasitol 11 (6) Dec 485-492 Wa
Bunostomum trigonocephalum, observations on buccal capsule and associated glands, possible role of various structures and enzymes during feeding
- Feeding**
Winkhardt HJ
1979 Tropenmed u Parasitol 30 (4) Dec 455-462 Wa
Ixodes ricinus, I. hexagonus, artificial feeding successful with glass capillary tubes but unsuccessful with membrane feeding techniques: I. ricinus, infection with Dipetalonema rugosicauda by feeding through glass capillary tubes, microfilariae completed development only if ticks were allowed to complete engorgement on rabbits
- Feeding**
Wright FC; DeLoach JR
1980 J Med Entom 17 (2) Mar 31 186-187 Wa
Psoroptes cuniculi, rabbits (exper.), feeding monitored by ⁵¹Cr-labeled hemoglobin, data suggest that mites penetrate capillaries and ingest intact erythrocytes
- Feeding**
Wrona FJ; Davies RW; Linton L
1979 Canad J Zool 57 (11) Nov 2136-2142 Wa
Glossiphonia complanata, analysis of food niche, serological techniques, examination of prey utilization with respect to field range, seasonality, and weight (size-age) differences
- Fertility** See Reproduction
- Films, Photographic** See Motion pictures
- Fine structure** See Morphology
- Fixation** See Technique, Specimen preparation and preservation
- Fluorescent antibody** See Immunofluorescence

Foci [See also Disease transmission; Epidemiology]

Foci
Azimov DA
1978 Uzbek Biol Zhurnal (3) 44-46 Wa
Orientobilharzia spp., zoogeographic aspects of distribution, foci development

Foci
Bessonov AS
1963 Trudy Vsesoiuz Inst Gel'mint 10 37-45 Wa
trichinosis, geographic distribution and types of foci in Russia

Foci
Narzikulov MN
1979 Izvest Akad Nauk Tadzhijsk SSR Otdel Biol Nauk (4 (77)) Oct-Dec 3-11 Wa
Pavlovskii's doctrine of natural foci of disease, forty years

Forecasting
Gardiner WP; Gettinby G; Gray JS
1981 Vet Parasitol 9 (1) Oct 75-86 Wa
Ixodes ricinus, models based on weather for predicting tick development times

Forecasting
Gettinby G; Gardiner WP
1980 Internat J Biometeorol 24 Suppl 2 87-103 Wa
parasitic diseases of cattle and sheep, use of forecast systems based on climatic indices as indicator of parasite incidence, review

Forecasting
Mereminskii AI; Gluzman IIA
1979 Veterinariia Moskva (7) July 43-45 Wa
fascioliasis, sheep, paramphistomiasis, cattle, hydrothermic and biotic factors as basis for forecasting and control of diseases: Rovensk oblast

Forecasting
Ollerenshaw CB
1974 Symposia Brit Soc Parasitol 12 33-52 Wa
Fasciola hepatica, forecasting liver fluke disease on basis of interaction between climate and life cycle, review

Forecasting
Onori E; Grab B
1980 Bull World Health Organ 58 (1) 91-98 Wa
human malaria, indicators for forecasting epidemics (entomological, parasitological, immunological, meteorological, and environmental)

Forecasting
Onori E; Grab B
1980 Bull World Health Organ 58 (2) 321-326 Wa
Plasmodium vivax, humans, quantitative estimates of the evolution of an epidemic in Turkey if remedial measures had not been taken, projections of monthly and annual incidence

Forecasting
Over HJ; Wetzlar YIEA
1980 Tijdschr Diergeneesk 105 (18) Sept 15 771-775 Wa
Fasciola hepatica, cattle, sheep, predictability of infections, relationship between rainfall and incidence: Netherlands

Forecasting
Short NJ; Norval RAI
1981 Trop Animal Health and Prod 13 (1) Feb 19-26 Wa
Rhipicephalus appendiculatus (vector of Theileria parva), seasonal occurrence, regulatory roles of different climatic factors (humidity, temperatures, daylength), simple model which can be used to predict seasonal occurrence of adults: Africa

Forecasting
Starr JR; Thomas RJ
1980 Internat J Biometeorol 24 (3) Sept 223-229 Wa
parasitic gastro-enteritis in lambs, estimating timing of larval emergence peak, attempt to model 'surface wetness' and temperature limitation to nematode development: North East England

Forecasting
Thomas RJ
1974 Symposia Brit Soc Parasitol 12 13-32 Wa
role of climate in epidemiology of nematode parasitism in ruminants, possibilities for interpreting and predicting parasite population patterns on basis of meteorological data, review

Forecasting
Young RR et al
1980 Parasitology 81 (3) Dec 493-505 Wa
Ostertagia ostertagi, quantitative modelling and prediction of development times of free-living stages under controlled and field conditions, relationships with temperature

Fossil parasites See Parasitology, History

Freezing [See also Technique, Specimen preparation and preservation; Temperature]

Freezing
Christensen NO; Frandsen F; Roushdy MZ
1980 Ztschr Parasitenk 64 (1) 47-63 Wa
Echinostoma liei, influence of various physico-chemical environmental conditions on egg hatchability; miracidial host-finding capacity and level of parasitisation in Biomphalaria glabrata, susceptibility of different snails to infection, cercarial and metacercarial infectivity in relation to some first and second intermediate host-related factors, cercarial shedding, metacercarial longevity

Freezing
Cliff GM; Anderson RC
1980 J Helminth 54 (2) June 135-146 Wa
Pelodera strongyloides, development in culture, description of adults and developmental stages, effect of temperature on development, longevity of adults, exsheathment and development of dauerlarvae, storage of dauerlarvae, effect of freezing and desiccation on survival of dauerlarvae

- Freezing**
Coles GC; Simpkin KG; Briscoe MG
1980 Research Vet Sc 28 (3) May 391-392 Wa
Nematospiroides dubius and ruminant nematode larvae, routine cryopreservation
- Freezing**
Dalgliesh RJ; Mellors LT; Blight GW
1980 Cryobiology 17 (4) Aug 410-417 Wa
Babesia rodhaini, comparisons of glucose, sucrose, and dimethyl sulfoxide as cryoprotective agents, survival rates
- Freezing**
Dies K
1980 Canad Vet J 21 (2) Feb 38 Wa
Trichinella spiralis larvae, survival in deep-frozen wolf tissue
- Freezing**
Dubey JP
1980 J Am Vet Med Ass 177 (12) Dec 15 1203-1207 Wa
Toxoplasma gondii cysts, goats (nat. and exper.). distribution and persistence in various organs and tissues and in milk, effect of freezing meat, public health significance
- Freezing**
Gray GD; Phillips RS
1981 Research Vet Sc 30 (3) May 388-389 Wa
Babesia microti, use of sorbitol in cryopreservation
- Freezing**
Greene BM; Schiller EL
[1980] J Parasitol 65 (6) Dec 1979 861 Issued Apr 2 Wa
O[Inchocerca] volvulus, technique for purification of microfilariae from cryopreserved human nodular tissue
- Freezing**
Ham PJ et al
1981 Parasitology 83 (1) Aug 139-146 Wa
Onchocerca microfilariae, improved technique for cryopreservation
- Freezing**
Ham PJ; Bianco AE
1981 J Helminth 55 (1) Mar 59-61 Wa
Onchocerca gutturosa, quantification of cryopreservation technique for microfilariae in skin snips, recoveries of microfilariae compared to unfrozen controls
- Freezing**
Heydorn AO
1980 Berl u Munchen Tierarztl Wchnschr 93 (14) July 15 267-270 Wa
Sarcocystis bovicanis sporocysts, effect of various physical factors on excystation and viability of excysted sporozoites in vitro, subsequent infectivity to calves
- Freezing**
Hubert J
1980 Rec Med Vet 156 (1) Jan 47-50 Wa
Ostertagia circumcincta, Trichostrongylus colubriformis, deep-freezing digestive tracts before examinations, useful technique
- Freezing**
James ER
1980 Internat J Nuclear Med and Biol 7 (2) 125-132 Wa
production and cryopreservation of schistosomula for use in vaccination, review
- Freezing**
James ER
1981 Exper Parasitol 52 (1) Aug 105-116 Wa
Schistosoma mansoni, schistosomula, cryopreservation by two-step addition of ethanediol and rapid cooling
- Freezing**
Jongejan F et al
1980 Research Vet Sc 29 (3) Nov 320-324 Wa
Theileria parva, artificial infection of Rhipicephalus appendiculatus using fresh or cryopreserved infected blood, failure to infect ticks with cell culture grown stages of parasite
- Freezing**
Lawrence DN
1980 Am J Trop Med and Hyg 29 (2) March 313-315 Wa
Mansonella ozzardi microfilariae concentrated from human blood, frozen with cryoprotectant chemical, and stored at liquid or vapor-phase liquid nitrogen temperatures were motile when thawed 2.5 years later
- Freezing**
Leef JL; Strome CPA; Beaudoin RL
1979 Bull World Health Organ 57 suppl 1 87-91 Wa
Plasmodium berghei, low-temperature preservation of sporozoites, source of potential antigen in development of malaria vaccine
- Freezing**
Liddell KG; Lucas SB; Williams H
1981 Parasitology 82 (2) Apr 205-224 Wa
Babesia divergens (strain isolated from fatal human case)-infected Meriones unguiculatus, useful laboratory host: general course of disease, cryopreservation of infected blood, host adaptation/parasite virulence during semi-continuous passage, parasite morphology, haematological, blood biochemical, and pathological findings, immunity of recovered animals to further challenge
- Freezing**
Llorente Lacha, V
1979 Rev Iber Parasitol 39 (1-4) Jan-Dec 353-360 Wa
Toxoplasma gondii, freezing in liquid nitrogen, effective method of storing
- Freezing**
Lok JB et al
1980 Am J Trop Med and Hyg 29 (3) May 382-388 Wa
Onchocerca spp., Aedes aegypti as surrogate host in laboratory, infection rates, mosquito mortality, infectivity of cryopreserved microfilariae, incidence of abnormal parasite development
- Freezing**
Minjas JN; Townson H
1980 Ann Trop Med and Parasitol 74 (5) Oct 571-573 Wa
microfilariae of 4 spp., successful cryopreservation with hydroxyethyl starch as cryoprotectant
- Freezing**
Mons B; van der Kaay HJ
1980 Acta Leidensia 48 9-16 Wa
Plasmodium berghei berghei, effect of cryopreservation on gametocytogenesis

- Freezing
Orjih AU; Nussenzweig RS
1980 Am J Trop Med and Hyg 29 (3) May 343-347
Wa
Plasmodium berghei, mice, immunization with cryopreserved irradiated sporozoites
- Freezing
Purnell RE et al
1979 J South African Vet Ass 50 (4) Dec 339-344
Wa
Babesia divergens, isolation, cryopreservation, and characterisation of isolates, preparation of irradiated blood-derived vaccine, subsequent inoculation into calves produced immune response without pathogenic effects, field trials:
British Isles
- Freezing
Renshaw HW; Magonigle RA; Vaughn HW
1979 J Wildlife Dis 15 (3) July 379-386 Wa
Anaplasma marginale in Cervus canadensis canadensis following inoculation with infected fresh bovine blood, hematologic, serologic, and clinical studies, evaluation of rapid card agglutination test, subsequent transmission to splenectomized bovine calves; failure to infect elk using frozen blood from known bovine carriers
- Freezing
Rose JH; Small AJ
1980 Parasitology 81 (3) Dec 507-517 Wa
Oesophagostomum dentatum, development and survival of free-living stages in natural environments out-of-doors (effect of climatic conditions) and under controlled conditions in laboratory (effect of temperature and humidity)
- Freezing
Schiller EL et al
1980 Trop Dis Research Ser (3) 391-393 Wm
Onchocerca volvulus, cryopreservation and in vitro cultivation, workshop presentation
- Freezing
Schupp E et al
1980 Ztschr Parasitenk 62 (3) 213-230 Wa
Trypanosoma brucei, ultrastructural changes during deep-freeze storage related to impairments in motility and infectivity
- Freezing
Soares VA; Marsden PD
1979 Rev Brasil Pesqui Med e Biol 12 (6) Dec 367-370 Wm
Trypanosoma cruzi, survival in dead vector bugs (exper.), Peru strain survived 8 days in Triatoma infestans and 9 days in Dipetalogaster maximus, freezing increased survival time to 60 days
- Freezing
Stewart CG; Van Dellen AF; Botha WS
1979 J South African Vet Ass 50 (3) Sept 165-168 Wa
Encephalitozoon, dogs originating from kennels with 3 separate outbreaks, isolation in primary kidney cultures, clinical signs, attempted artificial infection, cryopreservation of tissue culture cells
- Freezing
Walter CA; James ER
1981 Cryobiology 18 (2) Apr 125-132 Wa
Schistosoma mansoni, ultrastructural appearance of freeze-substituted schistosomula frozen by two-step cooling schedule
- Freezing
Weathersby AB; McCall JW
1981 Cryobiology 18 (3) June 313-314 Wa
Plasmodium gallinaceum, cryopreservation of sporozoites for 16 years at -196°C
- Freezing
Wolters E; Heydorn AO; Laudahn C
1980 Berl u Munchen Tierarztl Wchnschr 93 (11) June 1 207-210 Wa
Cystoisospora felis oocysts and Sarcocystis bovifelis sporocysts in feces of cats fed raw bovine diaphragm muscle, no oocysts or sporocysts excreted when cats were fed same tissue after deep-freezing; continuous oocyst passage in cats of two isolates of C. felis resulted in significant differences in prepatent periods and reproduction levels between isolates, differences perhaps related to adaptations to one- or two-host modes of transmission
- Freezing
Zardi O; Soubotian B
1979 Biochem and Exper Biol 15 (4) 355-360 Wa
Toxoplasma gondii, survival in body liquids and tissues at different temperatures and after freezing, implications for disease transmission
- French Guiana
Eutrope R; Juminer B
1978 Bull Soc Path Exot 71 (3) May-June 275-279 Wa
intestinal parasites, children, fecal survey, age distribution: laboratoire du Centre Hospitalier de Cayenne, Guyane
- Fungi
Balaraman K; Jambulingam P; Rajagopalan PK
1981 Indian J Med Research 73 Suppl Jan 160-162 Wa
Metarrhizium anisopliae, highly entomotoxic to local strains of Culex filariasis vectors and Anopheles malaria vectors in Pondicherry, India
- Fungi
Caceres O et al
1979 Rev Inst Med Trop S. Paulo 21 (1) Jan-Feb 5-12 Wm
Trypanosoma cruzi, culture forms, Aspergillus sp. in liquid medium is lethal to parasites
- Fungi
Chatterjee A et al
1980 Ann Trop Med and Parasitol 74 (1) Feb 101-102 Wa
Demodex canis, mongrel dog, associated Trichophyton mentagrophytes infection
- Fungi
Doncaster CC
1981 Parasitology 82 (3) June 421-428 Wa
Dictyocaulus viviparus infective juveniles, relationships with coprophilous fungi, fungus apparently provides nematode requirements for survival and dispersal
- Fungi
Thatcher VE
1979 Acta amazonica 9 (2) June 389-392 Wa
Amazonadistoma negrensis n. sp., first black trematode, color believed to be caused by fungal invasion
- Fungi
Wright KA
1979 Proc Helminth Soc Washington 46 (2) July 213-223 Issued Aug 14 Wa
Rhigonema infecta in Narceus annularis (ileum), associated with fungus Enterobryus elegans, attachment of fungus holdfast to millipede and nematode cuticles, scanning and transmission electron microscopy; fungus only rarely found on Johnstonia sp. and Aorurus sp. in N. annularis (posterior hindgut); extensive bacterial flora present: Georgian Bay, Ontario

- Gabon
Garin Y et al
1978 Bull Soc Path Exot 71 (2) Mar-Apr 157-164
Wa
intestinal parasites, humans, prevalence survey: Gabon
- Gall bladder [See also Biliary tract]
- Gall bladder
Min DY et al
1977 Yonsei Rep Trop Med 8 (1) Nov 57-63 Wm
Ascaris lumbricoides, Clonorchis sinensis, and tapeworm eggs found during parasitological examination of gallstones removed surgically from patients with cholelithiasis, possible role as nidus of gallstone formation: Seoul and Jeonra-Bug Do Province, Korea
- Gall stones See Gall bladder
- Gambia
Knight R; Merrett TG
1981 Ann Trop Med and Parasitol 75 (3) June 299-314 Wa
Necator americanus, human, prevalence and intensity by age and sex, seasonal changes, morbidity (asthma, growth parameters, haemoglobin), total IgE levels, other parasites: The Gambia
- Gametes [See also Gametogenesis]
- Gametes
Abbas MK; Cain GD
1981 Cell and Tissue Research 214 (3) 553-567
Wa
Ascaris suum, involvement of surface receptors in transformation of spermatozoa
- Gametes
Ade-Serrano MA; Ejezie GC; Kassim OO
1981 J Clin Microbiol 13 (1) Jan 195-198 Wa
Plasmodium falciparum-infected rural Nigerian school children, correlation of gametocytemia with complement component titers
- Gametes
Aikawa M et al
1981 J Protozool 28 (3) Aug 383-388 Wa
Plasmodium gallinaceum, interaction of monoclonal antibodies with gametes, electron microscopic study
- Gametes
Ball SJ et al
1981 Parasitology 82 (1) Feb 131-135 Wa
Eimeria maxima, structure and development of microgametocytes, scanning and transmission electron microscopy
- Gametes
Dei-Cas E et al
1980 Ann Parasitol 55 (6) Nov-Dec 621-633 Wa
Plasmodium inui in splenectomized Macaca fascicularis, morphology and infectivity of gametocytes, course of gametocytemia
- Gametes
El Said A; Swiderski Z
1980 Cell and Tissue Research 208 (1) May 35-45
Wa
Amblyomma hebraeum, structure of spermatozoa, regional specialization of sperm membrane in relation to sperm motility
- Gametes
Euzet L; Swiderski Z; Mokhtar-Maamouri F
1981 Ann Parasitol 56 (3) 247-259 Wa
cestodes, spermatozoa, comparative ultrastructure, evolutionary implications
- Gametes
Gerber JE et al
1981 J Clin Microbiol 13 (1) Jan 236-237 Wa
Plasmodium vivax, exflagellation of microgametocytes in human peripheral blood, diagnostic implications
- Gametes
Greiner EC; Forrester DJ
1980 J Parasitol 66 (4) Aug 652-658 Wa
Haemoproteus meleagridis, redescription, developmental morphology of gametocytes, gametogenesis: Florida; Georgia
- Gametes
Hathaway RP
1979 Proc Helminth Soc Washington 46 (2) July 201-206 Issued Aug 14 Wa
Aspidogaster conchicola, morphology of crystalline cytoplasmic inclusions in primary oocytes, electron microscopy
- Gametes
Marchand B; Mattel X
1980 Compt Rend Soc Biol Paris 174 (5) 933-936
Wa
Pallisentis golvani, during spermiogenesis the plasmic membrane surrounding the flagellum forms a nucleocytoplasmic groove rather than a cytoplasmic canal
- Gametes
Martin J; Lee DL
1980 Parasitology 81 (3) Dec 579-586 Wa
Nematodirus battus, structure of male reproductive system and spermatogenesis in young adult males
- Gametes
Mueller BEG; Desser SS; Haberkorn A
1981 J Parasitol 67 (4) Aug 487-495 Wa
Eimeria contorta in rat intestinal epithelial cells, ultrastructure of developing gamonts with emphasis on host-parasite interface
- Gametes
Nelson GA; Ward S
1981 Exper Cell Research 131 (1) Jan 149-160
Wa
Ascaris lumbricoides, amoeboid motility and actin in spermatozoa
- Gametes
Paterson WB; Desser SS
1981 J Parasitol 67 (3) June 314-324 Wa
Eimeria iroquoiana in Pimephales promelas, ultrastructural study of microgametogenesis and microgamete
- Gametes
Paterson WB; Desser SS
1981 J Parasitol 67 (4) Aug 496-504 Wa
Eimeria iroquoiana in Pimephales promelas (exper.), ultrastructure of macrogametogenesis, macrogametes, and young oocysts
- Gametes
Rohde K
1980 Ang Parasitol 21 (1) Feb 32-48 Wa
Gotocotyla secunda, Hexostoma euthynni, ultrastructure of various organ systems, phylogenetic relationship to parasitic plathyhelminths

- Gametes
Rudzinska MA et al
1979 Canad J Zool 57 (2) Feb 424-434 Wa
Babesia microti, intraerythrocytic 'gametocytes' and their maturation in Ixodes sp. near scapularis, electron microscopic study of possible cell fusion
- Gametes
Sharma AN; Sharma PN
1980 Indian J Exper Biol 18 (11) Nov 1282-1287 Wa
Ceylonocotyle scoliocoelium, histochemical localization of proteins, lipids, glycogen, DNA, RNA, acid phosphatase, and succinate dehydrogenase in various stages of spermatogenesis
- Gametes
Sheffield HG; Fayer R
1980 Proc Helminth Soc Washington 47 (1) Jan 118-121 Issued Feb 15 Wa
Sarcocystis bovicanis, fertilization by fusion of plasma membranes of micro- and macrogamete and transfer of nuclear material, electron micrograph
- Gametes
Smalley ME; Brown J
1981 Tr Roy Soc Trop Med and Hyg 75 (2) 316-317 Wa
Plasmodium falciparum gametocytogenesis stimulated by lymphocytes and serum from infected Gambian children
- Gametes
Smalley ME; Brown J; Bassett NM
1981 Tr Roy Soc Trop Med and Hyg 75 (2) 318-319 Wa
Plasmodium falciparum, rate of production of gametocytes in patients with and without mature gametocytes in their peripheral blood
- Gametes
Wu YJ; Foor WE
1980 J Parasitol 66 (3) June 439-447 Wa
Ascaris suum oocytes, ultrastructural and immunocytochemical changes during passage through oviduct, changes in surface membrane antigens
- Gametogenesis [See also Gametes; Meiosis; Reproduction]
- Gametogenesis
Ball SJ et al
1981 Parasitology 82 (1) Feb 131-135 Wa
Eimeria maxima, structure and development of microgametocytes, scanning and transmission electron microscopy
- Gametogenesis
Carter R; Miller LH
1979 Bull World Health Organ 57 suppl 1 37-52 Wa
Plasmodium falciparum, evidence for environmental modulation of gametocytogenesis in continuous culture
- Gametogenesis
Greiner EC; Forrester DJ
1980 J Parasitol 66 (4) Aug 652-658 Wa
Haemoproteus meleagridis, redescription, developmental morphology of gametocytes, gametogenesis: Florida; Georgia
- Gametogenesis
Grey AJ; Mackiewicz JS
1980 Internat J Parasitol 10 (5-6) Nov-Dec 397-407 Wa
Glaridacris catostomi, mitotic and meiotic chromosomes, diploidy, triploidy, and parthenogenesis, taxonomic and evolutionary implications
- Gametogenesis
Herbaut C et al
1980 Ann Parasitol 55 (6) Nov-Dec 679-685 Wa
Trichinella spiralis, oogenesis, ultrastructure
- Gametogenesis
Jenkins T; Larkman A; Funnell M
1979 Internat J Invert Reprod 1 (6) Dec 371-385 Wa
Trichuris muris, spermatogenesis, fine structure of spermatogonia
- Gametogenesis
Kaushal DC et al
1980 Nature London (5772) 286 July 31 490-492 Wa
Plasmodium falciparum, gametocytogenesis in continuous culture
- Gametogenesis
Marchand B; Mattel X
1980 Compt Rend Soc Biol Paris 174 (5) 933-936 Wa
Pallisentis golvani, during spermiogenesis the plasmic membrane surrounding the flagellum forms a nucleocytoplasmic groove rather than a cytoplasmic canal
- Gametogenesis
Martin J; Lee DL
1980 Parasitology 81 (3) Dec 579-586 Wa
Nematodirus battus, structure of male reproductive system and spermatogenesis in young adult males
- Gametogenesis
Mons B; van der Kaay HJ
1980 Acta Leidensia 48 9-16 Wa
Plasmodium berghei berghei, effect of cryopreservation on gametocytogenesis
- Gametogenesis
Osburn RL
1981 Ann Entom Soc Am 74 (2) Mar 177-179 Wa
Dermacentor albipictus, timing of ecdysis and spermatogenesis, % of males and females ecdysing from ticks collected as engorged nymphs
- Gametogenesis
Osburn RL; Davey RE; Thompson GD
1980 Ann Entom Soc Am 73 (5) Sept 613-616 Wa
Boophilus annulatus, B. microplus, testes development, timing and occurrence of spermatogenesis, karyotypes
- Gametogenesis
Panfilova IM
1980 Zool Zhurnal 59 (8) Aug 1137-1147 Wa
Ixodes persulcatus, feeding females, inhibition of growth and oogenesis related to absence of fertilization, disturbances in activity of sympathetic neurosecretory cells and lateral organs, dynamics of activity of different elements of neuro-endocrine system compared in feeding non-fertilized and fertilized females (these changes in non-fertilized females considered an adaptation to long wait for fertilization)

- Gametogenesis
 Paterson WB; Desser SS
 1981 J Parasitol 67 (3) June 314-324 Wa
 Eimeria iroquoiana in Pimephales promelas, ultrastructural study of microgametogenesis and microgamete
- Gametogenesis
 Paterson WB; Desser SS
 1981 J Parasitol 67 (4) Aug 496-504 Wa
 Eimeria iroquoiana in Pimephales promelas (exper.), ultrastructure of macrogametogenesis, macrogametes, and young oocysts
- Gametogenesis
 Rechav Y; Knight MM
 1981 J Parasitol 67 (1) Feb 85-89 Wa
 Rhipicephalus glabroscutatum, life cycle in laboratory, spermatogenesis, seasonal activity and hosts
- Gametogenesis
 Sharma AN; Sharma PN
 1980 Indian J Exper Biol 18 (11) Nov 1282-1287 Wa
 Ceylonocotyle scoliocoelium, histochemical localization of proteins, lipids, glycogen, DNA, RNA, acid phosphatase, and succinate dehydrogenase in various stages of spermatogenesis
- Gametogenesis
 Thomas C; Prasad RS
 1980 Cytobios (114) 29 109-114 Wa
 Ctenocephalides orientis, observations on sex-determining mechanism and chromosomal behavior during mitosis and meiosis, first report of chromosome elimination in Siphonaptera
- Gametogenesis
 Valero A; Pretel A
 1979 Rev Iber Parasitol 39 (1-4) Jan-Dec 119-122 Wa
 Marshallagia marshalli, spermatogenesis, chromosomes, presence of extra chromosome
- Gametogenesis
 Vijayaraghavan S; Subramanyam S
 1980 Ztschr Parasitenk 63 (1) 65-70 Wa
 Acanthotaenia multitesticulata, chromosome numbers during gametogenesis
- Gamma radiation See Radiation
- Gastritis [See also Stomach]
- Gastritis
 Overstreet RM; Meyer GW
 1981 J Parasitol 67 (2) Apr 226-235 Wa
 Hysterothylacium type MB larvae from Paralichthys lethostigma as cause of hemorrhagic lesions in stomach of Macaca mulatta (exper.), implications for human consumption of raw seafood
- Gastroenteritis [See also Intestine; Stomach]
- Gastroenteritis
 Eckert J; Buerger HJ
 1979 Berl u Munchen Tierarztl Wchnschr 92 (23) Dec 1 special no 449-457 Wa
 trichostrongylids, cattle, gastroenteritis, etiology, epidemiology, clinical signs, diagnosis, control, chemotherapy, review
- Gastroenteritis
 Pullan NB; Sewell MMH
 1980 Trop Animal Health and Prod 12 (4) Nov 203-208 Wa
 parasitic gastro-enteritis, White Fulani calves, thiabendazole treated vs. untreated, egg counts, packed cell volumes, serum albumin concentrations, and weight gains compared, seasonal distribution, climatic factors: Jos plateau, Nigeria
- Gel diffusion See Immunity, Precipitation
- Genes See Chromosomes; Genetics
- Genetics [See also Adaptation; Chromosomes; Evolution]
- Genetics, Host
 Albers GAA
 1981 Mededel Landbouwhogeschool Wageningen 81 (1) 118 pp Wa
 Cooperia oncophora, calves (exper.), genetic resistance to infection
- Genetics, Host
 Albright JW; Albright JF
 1981 Infect and Immun 33 (2) Aug 364-371 Wa
 Trypanosoma musculi, various strains of inbred mice, differences in resistance to infection, analysis of possible mechanisms, concluded that variations in immune responsiveness to parasite antigens (probably not associated with H-2 complex and possibly in concert with variations in a non-immunological mechanism) are responsible
- Genetics, Host
 Al-Mashhadani HM; Davidson G; Curtis CF
 1980 Tr Roy Soc Trop Med and Hyg 74 (5) 585-594 Wa
 Plasmodium berghei berghei, genetics of susceptibility and refractoriness of Anopheles gambiae to infection
- Genetics, Host
 Bernstein SC et al
 1980 Human Hered 30 (4) 251-258 Wm
 Plasmodium falciparum, human, malaria appears to be selective pressure keeping hemoglobin S frequencies high but may not be major selective force maintaining glucose-6-phosphate dehydrogenase polymorphism: Cameroon
- Genetics, Host
 Bhattacharyya PK et al
 1981 Tr Roy Soc Trop Med and Hyg 75 (4) 615-616 Wa
 Plasmodium vivax and P. falciparum endemic area, first report of sickle cell trait in Santhals (a tribal community): Ajodhya hills, Purulia district, West Bengal, India

- Genetics, Host
Bickle O et al
1980 Exper Parasitol 50 (2) Oct 222-232 Wa
Schistosoma mansoni, mice, influence of host's sex, age, and strain on resistance to reinfection
- Genetics, Host
Bienzle U; Guggenmoos-Holzmann I
1979 Immun u Infekt 7 (6) Dec 196-201 Wm
malaria, significance of hereditary red cell traits HbS and G6PD-deficiency in innate resistance
- Genetics, Host
Bienzle U; Guggenmoos-Holzmann I; Luzzatto L
1981 Internat J Epidemiol 10 (1) Mar 9-15 Wm
malaria in children (mostly Plasmodium falciparum) living in holoendemic malaria region, clinical parameters such as parasitaemia and degree of anaemia examined with respect to sex, age, haemoglobin types, and erythrocyte glucose-6-phosphate dehydrogenase variants: West Africa
- Genetics, Host
Blackwell J; Freeman J; Bradley D
1980 Nature London (5742) 283 Jan 3 72-74 Wm
Leishmania donovani, mice, influence of H-2 complex on acquired resistance
- Genetics, Host
Bloom BR; Tanowitz H; Wittner M
1979 Immune Mech and Dis 69-100 Wm; Wa
mechanisms for escape of immune surveillance by parasites, review (old-time genetic engineering; antigenic variation; antigenic mimicry and concomitant immunity; learning to live in your macrophages; jamming the immune response; subversion of the immune system)
- Genetics, Host
Brindley PJ; Dobson C
1981 Parasitology 83 (1) Aug 51-65 Wa
Nematospiroides dubius, genetic control of liability to infection in Mus musculus, selection of refractory and liable host populations, females less liable than males
- Genetics, Host
Bullini L
1977 Parassitologia 19 (3) Dec 175-180 Wa
insect vectors, biological and genetic control methods, review
- Genetics, Host
Carnevale P et al
1981 Ann Genet 24 (2) 100-104 Wa
Plasmodium falciparum, human, relationship between sickle cell trait and malaria, data for this region fail to confirm hypothesis that AS genotype protects carrier against infection: Djoumouna (region de Brazzaville), Republique Populaire du Congo
- Genetics, Host
Carson PE et al
1981 Bull World Health Organ 59 (3) 427-437 Wa
primaquine, metabolites, preliminary studies on toxicology and genetic factors associated with their toxicity in man
- Genetics, Host
Charmot G
1980 Med Trop 40 (6) Nov-Dec 657-665 Wm
P[lasmodium] falciparum, humans, congenital and genetic factors of resistance to infection in tropical areas, general review: Africa
- Genetics, Host
Chiu JK et al
1981 Internat J Parasitol 11 (5) Oct 391-397 Wa
Schistosoma japonicum, susceptibility of Oncomelania hupensis formosana recombinants and hybrids with O. h. nosophora to infection with 3 parasite strains, possibility of using O. h. formosana in biological control of S. japonicum
- Genetics, Host
Claas FHJ; Deelder AM
1980 Acta Leidensia 48 23-27 Wa
Schistosoma mansoni, mice of two congenic inbred strains, considerable differences in mortality and in antibody titer, findings suggest that I-region of H-2 complex may influence immune response to infection
- Genetics, Host
Cunningham DS; Kuhn RE
1980 Immunogenetics 10 (6) June 1 557-571 Wa
Trypanosoma cruzi-induced suppressor substance (SS), mode of action in inhibiting responses of lymphoid cells to T-cell-dependent and -independent antigens, evidence that effectiveness of SS is related to H-2 haplotype of cells being suppressed
- Genetics, Host
Dawkins HJS et al
1980 Internat J Parasitol 10 (2) Apr 125-129 Wa
Strongyloides ratti, 11 inbred strains of mice and 1 outbred strain, susceptibility to infection, effect of host age, host sex, dose, and route of injection, resistance to challenge infection; C57Bl/6 and CBA mice may provide useful model hosts
- Genetics, Host
Dineen JK; Windon RG
1980 Internat J Parasitol 10 (3) June 189-196 Wa
Trichostrongylus colubriformis, effect of sire selection on response of lambs to vaccination with irradiated larvae
- Genetics, Host
Dowling DF
1980 Austral Vet J 56 (11) Nov 552-554 Wa
adaptability of low cost tick-resistant cattle capable of efficient growth for beef production
- Genetics, Host
El-On J; Bradley DJ; Freeman JC
1980 Exper Parasitol 49 (2) Apr 167-174 Wa
Leishmania donovani, action of excreted factor on hydrolytic enzyme activity of macrophages from mice with genetically different resistance to infection, implications for mechanism whereby leishmanial amastigotes survive in mononuclear phagocytes in presence of lysosomal enzymes

- Genetics, Host
Eugui EM; Allison AC
1979 Bull World Health Organ 57 suppl 1 231-238 Wa
Plasmodium chabaudi, course of infection in different strains of mice, cross immunity between *P. chabaudi* and *P. yoelii* in different mouse strains, changes in spleen at different intervals after infection, natural killer activity in spleens of mice infected with malaria
- Genetics, Host
Eugui EM; Allison AC
1980 Parasite Immunol 2 (4) Winter 277-292 Wa
Plasmodium chabaudi, Babesia microti, mice, striking differences in susceptibility to infection among different host strains, these differences do not seem to be related to H-2 constitution but may be correlated with natural killer cell activity in spleen
- Genetics, Host
Eugui EM; Emery DL
1981 Nature London (5803) 290 Mar 19 251-254 Wa
Theileria parva, genetically restricted cell-mediated cytotoxicity in immune cattle
- Genetics, Host
Facer CA
1980 Clin and Exper Immunol 41 (1) July 81-90 Wa
Plasmodium falciparum, Gambian children, direct antiglobulin reactions, IgG subclass and Gm allotype distribution of red cell-bound IgG molecules, association with anemia
- Genetics, Host
Fanning MM et al
1981 J Infect Dis 144 (2) Aug 148-153 Wa
Schistosoma mansoni, course of infection studied in various inbred strains of mice (according to degree of portal hypertension, granuloma size, organomegaly), data indicate that immunopathology associated with parasitic infection in mice is influenced by genetic background of host and is dependent in part on cell-mediated immunity
- Genetics, Host
Fletcher KA et al
1981 Bull World Health Organ 59 (3) 407-412 Wa
primaquine, studies on pharmacokinetics (sensitive and specific assay for evidence of drug in plasma and urine, effects of single and multiple oral doses, variations between Caucasians and Thai subjects and persons with G6PD deficiency, effects on methaemoglobin levels)
- Genetics, Host
Gaczy AF; Rothwell TLW
1981 Parasitology 82 (2) Apr 281-286 Wa
Trichostrongylus colubriformis, guinea pigs, influence of genes within major histocompatibility complex on susceptibility to infection
- Genetics, Host
German J
1980 Ann Genet 23 (2) 69-72 Wa
hypothesis relating frequency of xeroderma pigmentosum phenotype in Japan and Egypt to possible associated resistance to schistosomiasis
- Genetics, Host
Gloria-Bottini F
1980 Experientia 36 (5) May 15 541-543 Wa
relations between G-6-PD deficiency, thalassaemia, and malaria: Sardinia; Po Valley
- Genetics, Host
Gorczynski RM et al
1981 Cellular Immunol 60 (2) May 15 367-375 Wa
Leishmania enrietti, macrophage subpopulations from uninfected and immune guinea pigs of different strains, ability to support parasite growth in vitro and to promote proliferation in lymphocytes of animals recovered from primary lesion, evidence that macrophage heterogeneity and Ir-gene control are factors involved in immune response of guinea pigs to infection with *L. enrietti*
- Genetics, Host
Green WF; Colley DG
1981 Proc National Acad Sc Biol Sc 78 (2) Feb 1152-1156 Wa
Schistosoma mansoni, mice, modulation of egg-induced granuloma formation, role of I-J locus in regulating suppressor T lymphocyte aspects of modulation
- Genetics, Host
Griffin L
1980 Vet Parasitol 7 (2) Sept 123-131 Wa
Haemonchus contortus, sheep of different hemoglobin types (exper.), phenothiazine treatment shortly after patency, faecal egg output, haematological indices, and worm burden (of arrested larvae and adults) at intervals after infection; removal of adult worms by treatment did not stimulate resumption of development of arrested larvae, hemoglobin type may be factor in arrest of larvae as it is in resistance to adult worms
- Genetics, Host
Gross WG [i e WB] et al
1980 Poultry Science 59 (2) Feb 205-210 Wa
resistance to infectious diseases including Eimeria necatrix and Ornithonyssus sylviarum in 3 pairs of genetically selected lines of chickens
- Genetics, Host
Guggenmoos-Holzmann I; Bienzle U; Luzzatto L
1981 Internat J Epidemiol 10 (1) Mar 16-22 Wm
Plasmodium falciparum, children under age 6, incidence and severity of infection with respect to haemoglobin types and red cell glucose-6-phosphate dehydrogenase variants, results suggest that the presence of these genetic traits offers selective advantage against infections, possible mechanisms discussed
- Genetics, Host
Hall RD et al
1978 Poultry Science 57 (6) Nov 1728-1732 Wa
Ornithonyssus sylviarum, Leghorn roosters (exper.), effect of corticosterone and inbred antibody competency on mite population development, antibody competency alone probably was not responsible for observed differences
- Genetics, Host
Hamilton WD
1980 Oikos 35 (2) Oct 282-290 Wa
parasite pressure as an evolutionary factor sufficiently general to account for host sex wherever it exists, 2 models (one-locus diploid selection and two-locus haploid selection)
- Genetics, Host
Haque A et al
1980 Exper Parasitol 49 (3) June 398-404 Wa
Dipetalonema viteae, attempted infection with 3rd stage larvae in different mouse strains and in nude mice, microfilariae production in different mouse strains and in nude mice after implantation of adult female parasites

- Genetics, Host
Hitzeroth HW; Bender K
1980 Human Genet 54 (2) 233-242 Wm
[Plasmodium] falciparum, South African Negroes belonging to 7 different ethnic groups, high geographic co-distribution and interrelationship of G-6-PD deficiency and the occurrence of falciparum malaria in South Africa
- Genetics, Host
Howard JG; Hale C; Chan-Liew WL
1980 Parasite Immunol 2 (4) Winter 303-314 Wa
Leishmania tropica major, immunogenetic aspects of susceptibility to infection in different strains of mice
- Genetics, Host
Howard JG; Hale C; Liew FY
1980 J Exper Med 152 (3) Sept 1 594-607 Wa
Leishmania tropica, nature and significance of specific suppression of cell-mediated immunity in highly susceptible mice
- Genetics, Host
Howard JG; Hale C; Liew FY
1980 Nature London (5787) 288 Nov 13 161-162 Wa
Leishmania tropica, genetically-determined susceptibility to infection is expressed by haematopoietic donor cells in mouse radiation chimaeras
- Genetics, Host
Howard JG; Hale C; Liew FY
1981 J Exper Med 153 (3) Mar 1 557-568 Wa
Leishmania tropica, prophylactic effect of sublethal irradiation as result of abrogation of suppressor T cell generation in genetically susceptible BALB/c mice
- Genetics, Host
Jayasekera N et al
1980 Tropenmed u Parasitol 31 (4) Dec 507-511 Wa
Wuchereria bancrofti, strains from Liberia and Sri Lanka differ in their ability to infect different strains of Culex quinquefasciatus, concluded that Liberian C. quinquefasciatus could not provide genes for use in construction of refractory strain intended for replacement of Sri Lankan vector populations
- Genetics, Host
Jayawardena AN; Kemp JD
1979 Bull World Health Organ 57 suppl 1 255-259 Wa
Plasmodium yoelii and Babesia microti in CBA/N mice which carry X-linked recessive immunological defect, increased duration and severity of infections associated with markedly defective IgM antibody response to parasitized red cells and failure to produce autoantibodies to bromelain-treated mouse red blood cells
- Genetics, Host
Jokipii L; Jokipii AMM
1980 Am J Trop Med and Hyg 29 (1) Jan 5-7 Wa
Giardia lamblia, human, no evidence that predisposition to disease was associated with ABO blood groups
- Genetics, Host
Jones TC
1981 Am J Path 102 (1) Jan 127-132 Wa
obligate intracellular protozoa, interactions with murine macrophages, symposium presentation: protozoal entry mechanisms and phagolysosomal system; protozoal intracellular survival and effects on macrophage function; macrophage antigen processing and genetics of immune response (includes mention of immunosuppression); lymphokine-induced microbicidal and microbistatic changes
- Genetics, Host
Khoo KK
1981 Ann Trop Med and Parasitol 75 (6) Dec 591-595 Wa
Plasmodium falciparum, P. vivax, treatment in glucose-6-phosphate dehydrogenase deficient patients with chloroquine, chloroquine and primaquine, or sulfadoxine-pyrimethamine, hemolysis occurred in primaquine group, chloroquine resistance common in P. falciparum infections: Sabah, Malaysia
- Genetics, Host
Kidson C
1981 Proc National Acad Sc 78 (9) Biol Sc Sept 5829-5832 Wa
Plasmodium falciparum, ovalocytic erythrocytes from Melanesians are resistant to merozoite invasion in vitro
- Genetics, Host
Le Jambre LF
1978 Epidemiol and Control Gastrointest Parasites Sheep Australia 137-141 Wa
nematodes, sheep, determination of genetic variation in resistance to worms within and between breeds, implications for selective breeding programs for helminth control, review: Australia
- Genetics, Host
Lindsay HB et al
1980 Am J Trop Med and Hyg 29 (3) May 348-357 Wa
Trypanosoma rhodesiense in 5 strains of inbred rats, variable severity of glomerulonephritis, correlation with immunoglobulin class-specific antibody responses to trypanosomal antigens and total IgM levels, circulating immune complexes
- Genetics, Host
Macario AJL; Stahl W; Miller R
1980 Cellular Immunol 56 (1) Nov 235-239 Wm
Toxoplasma gondii, cyclic immunosuppression (to bacterial antigen) in genetic-low-responder mice but not in high-responder strain, no direct correlation between unresponsiveness and gradual lymphoid cell depletion that accompanies chronic toxoplasmosis
- Genetics, Host
Mathews HM; Armstrong JC
1981 Am J Trop Med and Hyg 30 (2) Mar 299-303 Wa
Plasmodium vivax, prevalence in representatives of 2 ethnic groups, results support hypothesis relating Duffy-negative blood type with refractoriness to vivax malaria; relative prevalence of 3 other Plasmodium spp.: Ethiopia

Genetics, Host

- Maudlin I
1980 *Insect Sc and Its Applic* 1 (1) 35-38 Wa
Glossina palpalis palpalis, screening of natural populations in Nigeria for chromosomal differences, possible relevance of tsetse fly population genetics to trypanosomiasis research and control

Genetics, Host

- Mitchell GF et al
1980 *Austral J Exper Biol and Med Sc* 58 (5) Oct 521-532 Wa
Leishmania tropica, cutaneous leishmaniasis, disease patterns in various inbred mouse strains, disease patterns in reconstituted nude mice of several genotypes, genetic features of nude mouse may contribute to extraordinary potency of T cell reconstitutive manipulations

Genetics, Host

- Mitchell GF; Rajasekariah GR; Rickard MD
1980 *Immunology* 39 (4) Apr 481-489 Wa
Taenia taeniaeformis, proposed mechanism of immunologically-mediated genetically-based mouse strain variation in resistance; evidence that both IgG1 and IgG2 fractions of 'immune serum' are required for full expression of passive protection of nude mice

Genetics, Host

- Nabih I; El Ansary A
1980 *Cellular and Molec Biol* 26 (1) 85-88 Wa
Biomphalaria alexandrina and *Bulinus truncatus* (intermediate hosts of *Schistosoma mansoni* and *S. haematobium* respectively), *Lymnea truncatula* (non-susceptible to *Schistosoma* infection), isolation and base composition of RNA

Genetics, Host

- Nagel RL et al
1981 *J Clin Invest* 68 (1) July 303-305 Wa
Plasmodium falciparum, impairment of growth in HbEE erythrocytes, might be advantageous to carrier in regions with endemic malaria

Genetics, Host

- Nieder Korn JY; Shaddock JA; Schmidt EC
1981 *J Infect Dis* 144 (3) Sept 249-253 Wa
Encephalitozoon cuniculi, selected inbred strains of mice showed marked differences in susceptibility and resistance to infection, immune system plays major role in determining course of infection as does genetics, infection can modulate host's immune system

Genetics, Host

- O'Brien AD; Rosenstreich DL; Taylor BA
1980 *Nature London* (5781) 287 Oct 2 440-442 Wa
mice, control of natural resistance to *Salmonella typhimurium* and *Leishmania donovani* by closely linked but distinct genetic loci

Genetics, Host

- Ottesen EA et al
1981 *Acta Trop* 38 (3) Sept 205-216 Wa
Wuchereria bancrofti, familial predisposition to infection, not linked to HLA-A or -B locus specificities: Mauke, Cook Islands group

Genetics, Host

- Pasvol G
1980 *Tr Roy Soc Trop Med and Hyg* 74 (6) 701-705 Wa
Plasmodium falciparum, mechanism whereby heterozygous carriers of sickle cell gene are protected against fatal malarial infections, symposium presentation

Genetics, Host

- Pecora IL; Barcinski MA
1979 *Rev Brasil Biol* 39 (2) May 445-450 Wa
Trypanosoma cruzi, role of macrophages in resistant and susceptible strains of mice

Genetics, Host

- Pfefferkorn ER; Schwartzman JD
1981 *2 Internat Cong Cell Biol (Berlin (West))* Aug 31-Sept 5 1980) 411-420 Wm; Wa
Toxoplasma gondii-infected cultured cells, use of (host cell and parasite) mutants to study biochemistry of host-parasite relationship, review

Genetics, Host

- Prowse SJ; Mitchell GF
1980 *Austral J Exper Biol and Med Sc* 58 (6) Dec 603-605 Wa
Nematospiroides dubius in SJL/J (resistant) and C57BL/6 (susceptible) mice and their F₁ hybrids, development of resistance to infection, strain and sex differences

Genetics, Host

- Richards CS
1980 *J Invert Path* 35 (1) Jan 49-52 Wa
Biomphalaria glabrata, genetic studies on amebocytic accumulations

Genetics, Host

- Roberts-Thomson IC et al
1980 *Gut* 21 (5) May 397-401 Wm
human and murine giardiasis, in humans with prolonged *Giardia lamblia* infection genetic markers were analyzed, higher than expected frequency of certain antigens and phenotypes were observed; in infected inbred strains of mice several genes appeared to influence susceptibility to prolonged infection with *G. muris*

Genetics, Host

- Ruitenber EJ et al
1980 *Internat Arch Allergy and Applied Immunol* 62 (1) 104-110 Wa
Trichinella spiralis infection in mice genetically selected for high and low antibody production, specific antibody response, histopathological changes in small intestine with emphasis on macrophages, intestinal mast cells, globule leucocytes, and eosinophils

Genetics, Host

- Salmon C
1979 *Rev Epidemiol et San Pub* 27 (5-6) 389-397 Wm
Plasmodium spp., humans, relationships between Duffy blood group antigens and malaria

Genetics, Host

- Santiyanont R; Wilairat P
1981 *Am J Trop Med and Hyg* 30 (3) May 541-543 Wa
Plasmodium falciparum, red cells containing hemoglobin E do not inhibit malaria parasite development in vitro

- Genetics, Host
Sasazuki T et al
1980 J Exper Med 152 (2 pt 2) Aug 1 314s-318s
Wm
Schistosoma japonicum, human, association between HLA haplotype and low responsiveness to schistosomal worm antigen (evaluated by measuring antigen-specific proliferative response of peripheral T lymphocytes in vitro)
- Genetics, Host
Savina MA
1975 Parazitologiya Leningrad 9 (5) Sept-Oct 443-448 Wa
toxoplasms, susceptibility of various strains of mice to virulent and little-virulent strains, host genetic peculiarities
- Genetics, Host
Schom C; Novak M; Evans WS
1981 Parasitology 83 (1) Aug 77-90 Wa
Hymenolepis citelli in Tribolium confusum, effect of host starvation prior to infection, parasite population size, host sex, and host genotype on host mortality or survival and on rate of parasite development, evaluation of results from genetic and evolutionary point of view
- Genetics, Host
Semprevivo LH et al
1981 J Parasitol 67 (1) Feb 8-14 Wa
Leishmania donovani in large number of congenic resistant mouse strains on C57BL/10ScSn background differing at specific histocompatibility loci, course of infection, acquired resistance, induction of pathologic alteration, model for spectral disease
- Genetics, Host
Siebert AE jr; Good AH
1980 Exper Parasitol 50 (3) Dec 437-446 Wa
Taenia crassiceps, BALB/c and BDF1 mice, kinetics of primary and secondary infections in vivo, effect of immune serum on larvae in vitro, comparison with previous studies using C3H mice
- Genetics, Host
Stong RC; Stone WH
1980 Animal Blood Groups and Biochem Genet 11 (3) 185-192 Wm
Macaca mulatta, study of Fy antigen blood groups, apparently no Duffy-like polymorphism in rhesus monkeys, applications for Plasmodium knowlesi research
- Genetics, Host
Sulaiman I; Townson H
1980 Ann Trop Med and Parasitol 74 (6) Dec 635-646 Wa
Dirofilaria immitis, genetic basis of susceptibility to infection in Aedes aegypti
- Genetics, Host
Tabel H; Losos GJ; Maxie MG
1981 Tropenmed u Parasitol 32 (2) June 99-100 Wa
Trypanosoma congolense, cattle, lack of relationship between level of parasitemia and J blood group antigens
- Genetics, Host
Tanner CE; et al
1980 J Parasitol 66 (5) Oct 802-805 Wa
Trichinella spiralis, rabbits, nonrandom negative binomial distribution of parasite populations in host population under carefully controlled laboratory conditions, results indicate nonrandom overdispersion is intrinsic characteristic of this host-parasite association and that susceptibility factors (under presumed genetic control) should be considered seriously in mathematical models of parasites
- Genetics, Host
Townson H; Sulaiman I; Matthews HA
1981 Tr Roy Soc Trop Med and Hyg 75 (1) 175-176 Wa
Dirofilaria immitis, D. repens, Brugia pahangi, genetic aspects of susceptibility of Aedes aegypti to infection
- Genetics, Host
Trpis M; Duhrkopf RE; Parker KL
1981 Science (4489) 211 Mar 27 1435-1437 Wa
Brugia malayi, B. pahangi, inheritance of mosquito (Aedes scutellaris complex) susceptibility to infection follows non-Mendelian pattern indicative of extrachromosomal factors inherited through maternal parent
- Genetics, Host
Tzoneva M et al
1980 Bull World Health Organ 58 (4) 659-662 Wa
Plasmodium falciparum, humans, frequency of glucose-6-phosphate dehydrogenase deficiency in relation to altitude, malaria hypothesis
- Genetics, Host
Vadas MA
1980 Immunogenetics 11 (3) Sept 1 215-223 Wa
parasite immunity and the major histocompatibility complex, review
- Genetics, Host
Wakelin D
1980 Parasite Immunol 2 (2) Summer 85-98 Wa
Trichinella spiralis, course of infection in inbred and congenic mice showing rapid and slow responses to infection
- Genetics, Host
Wakelin D; Donachie AM
1980 Parasite Immunol 2 (4) Winter 249-260 Wa
Trichinella spiralis, adoptive transfer of immunity between inbred strains of mice characterized by rapid and slow immune expulsion used to analyze role of immune and inflammatory events in determining strain-characteristic time of worm expulsion
- Genetics, Host
Wakelin D; Donachie AM
1981 Immunology 43 (4) Aug 787-792 Wa
Trichinella spiralis, adoptive transfer experiments in mouse radiation chimaeras, results indicate that genetic control of worm expulsion is expressed at level of bone marrow-derived cell population and is independent of lymphocyte responsiveness

Genetics, Host

- Williams JF; Shearer AM; Ravitch MM
1981 J Parasitol 67 (4) Aug 540-547 Wa
Taenia taeniaeformis, establishment and growth in female rats of several different inbred and outbred lines and in male vs. female rats of one line, differences in susceptibility between rat strains were overshadowed by variations observed in inbred rats of same strain purchased from different commercial suppliers

Genetics, Host

- Winton RG; Dineen JK
1981 Internat J Parasitol 11 (1) Feb 11-18 Wa
Trichostrongylus colubriformis, effect of selection of both sire and dam on response of F₁ generation lambs to vaccination with irradiated larvae, faecal egg counts, levels of complement-fixing antibody in serum, in vitro lymphocyte stimulation

Genetics, Host

- Winton RG; Dineen JK; Kelly JD
1980 Internat J Parasitol 10 (1) Feb 65-73 Wa
Trichostrongylus colubriformis, lambs, vaccination with irradiated larvae, dissociation into 'responders' and 'non-responders': response to primary sequential challenge, response to rechallenge with single dose, correlation between haemoglobin type and faecal egg counts during primary and secondary challenge, effect of vaccination and challenge on liveweight gain and wool growth

Genetics, Parasite

- Agabian N et al
1980 Am J Trop Med and Hyg 29 (5 pt 2) Sept 1043-1049 Wa
Trypanosoma brucei brucei, development of new serodeme, molecular studies of antigenic variation, use of heterologous DNA probes in isolation of trypanosome genes and analysis of their organization

Genetics, Parasite

- Agatsuma T
1981 Japan J Genetics 56 (1) Feb 73-77 Wa
Paragonimus iloktsuenensis, genetic variation of glucosephosphate isomerase, starch gel electrophoresis

Genetics, Parasite

- Agatsuma T
1981 J Parasitol 67 (3) June 452-454 Wa
Paragonimus miyazakii, electrophoretic demonstration of genetic polymorphism of glucosephosphate isomerase in natural populations

Genetics, Parasite

- Bloom BR; Tanowitz H; Wittner M
1979 Immune Mech and Dis 69-100 Wm; Wa
mechanisms for escape of immune surveillance by parasites, review (old-time genetic engineering; antigenic variation; antigenic mimicry and concomitant immunity; learning to live in your macrophages; jamming the immune response; subversion of the immune system)

Genetics, Parasite

- Boothroyd JC et al
1980 Nature London (5791) 288 Dec 11 624-626 Wa
Trypanosoma brucei, nucleotide sequence data which suggest that primary translation product of one variant surface glycoprotein gene contains hydrophobic tail at carboxy terminus which is not found on isolated mature glycoprotein, data also predict that glycosylated residue is aspartic acid rather than anticipated asparagine

Genetics, Parasite

- Borst P et al
1980 Developments Genetics 2 7-19 Wm; Wa
Trypanosoma brucei, kinetoplast DNA, review: structure, evolution, transcription, mutants

Genetics, Parasite

- Borst P et al
1980 Am J Trop Med and Hyg 29 (5 pt 2) Sept 1033-1036 Wa
trypanosomes, genes for variant antigens, review

Genetics, Parasite

- Borst P; Fase-Fowler F; Gibson WC
1981 Molec and Biochem Parasitol 3 (2) June 117-131 Wa
Trypanosoma brucei gambiense, T. b. rhodesiense, T. b. brucei, quantitation of genetic differences by restriction enzyme analysis of kinetoplast DNA, these 3 variants are so closely related that they cannot be distinguished on this basis alone

Genetics, Parasite

- Bullini L et al
1979 Atti Accad Naz Lincei Roma s 8 Rendic Cl Sc Fis Mat e Nat 65 2 sem (3-4) Sept-Oct 1978 151-156 Wa
Parascaris univalens, P. equorum, karyotypes, chromosome morphology, electrophoretic study

Genetics, Parasite

- Castro C; Hernandez R; Castaneda M
1981 Molec and Biochem Parasitol 2 (3-4) Feb 219-233 Wa
Trypanosoma cruzi, ribosomal RNA, internal break in large-molecular-mass species, number of genes

Genetics, Parasite

- Charmot G; Bricaire F; Bastin R
1979 Nouv Presse Med 8 (1) Jan 6 35-38 Wm
Plasmodium ovale, humans, increased number of imported cases in France, characteristics of infection including very variable incubation period, possibility of genetic control of incubation period as a strain characteristic

Genetics, Parasite

- De Jong JH; Lobbes PV; Bolland HR
1981 Genetica 55 (3) June 12 187-190 Wa
Hypoaspis aculeifer, Cosmolaelaps miles, karyotypes, sex determination, arrhenotokous parthenogenesis underlies haplo-diploidy in these species

Genetics, Parasite

- Doyle JJ; de Gee ALW; Hirumi H
1980 Insect Sc and Its Applic 1 (1) 65-68 Wa
Trypanosoma brucei, T. vivax, variable antigen-associated differences in infectivity and virulence, review

Genetics, Parasite

- Drozd J
1979 Wiadom Parazytol 25 (2) 171-183 Wa
nematodes, genetic isolation as a criterion defining species

Genetics, Parasite

- Dzbenksi TH
1979 Wiadom Parazytol 25 (2) 207-220 Wa
protozoa, genetic aspects of antigenic variation

- Genetics, Parasite
Fletcher M; LoVerde PT; Woodruff DS
1981 Am J Trop Med and Hyg 30 (2) Mar 406-421
Wa
Schistosoma mansoni, populations from Africa, Southwest Asia, South America, and West Indies, genetic variation in enzyme polymorphisms (electrophoresis on starch gels), geographic and sexual differences
- Genetics, Parasite
Herlich H; Rew RS; Colglazier ML
1981 Am J Vet Research 42 (8) Aug 1342-1344 Wa
Haemonchus contortus, anthelmintic activity of cambendazole against cambendazole resistant strain, cambendazole susceptible strain, and F1 and F2 progenies of mating resistant males with susceptible females, and of the reciprocal mating, lambs, results indicated that heredity of resistance to cambendazole is not sex-linked and probably results from a heterozygous recessive allele
- Genetics, Parasite
Hoeijmakers JHJ et al
1980 Gene 8 (4) Mar 391-417 Wm
Trypanosoma brucei, isolation of plasmids containing DNA complementary to messenger RNA for variant surface glycoproteins
- Genetics, Parasite
Hoeijmakers JHJ et al
1980 Nature London (5751) 284 Mar 6 78-80 Wa
Trypanosoma brucei, novel expression-linked copies of genes for variant surface antigens
- Genetics, Parasite
Hoeijmakers JHJ et al
1981 Plasmid 5 (3) May 329-350 Wa
Trypanosoma brucei brucei, transcription of kinetoplast DNA in bloodstream and culture forms
- Genetics, Parasite
Irvin AD; Boarer CDH
1980 Parasitology 80 (3) June 571-579 Wa
Theileria, implications of sexual cycle (taxonomy, genetics, practical implications, vaccination)
- Genetics, Parasite
Jeffers TK; Bentley EJ
1980 Poultry Science 59 (8) Aug 1731-1735 Wa
Eimeria meleagritidis field isolate, turkeys, experimental development of monensin resistance through selection, degree of cross-resistance to lasalocid and narasin, suggestion of reduced pathogenicity of selected strain
- Genetics, Parasite
Khalil GM; Abdu RM
1979 J Med Entom 16 (4) Nov 7 339-342 Wa
Argas arboreus, effect of substerilizing doses of gamma radiation on male fertility, female fecundity, and progeny, results suggest substerilizing doses induce delayed lethal genes
- Genetics, Parasite
Khalil GM; Hoogstraal H; Oliver JH jr
1980 Internat J Parasitol 10 (4) Aug 253-259 Wa
Argas arboreus, A. robertsi, experimental cross-breeding, results suggest both genetic and cytoplasmic incompatibility between the 2 species
- Genetics, Parasite
Knowles G; Sanderson A; Walliker D
1981 Exper Parasitol 52 (2) Oct 243-247 Wa
Plasmodium yoelii yoelii, Plasmodium yoelii nigeriensis, new electrophoretic variants of adenosine deaminase which differentiate these 2 subspecies, genetic analysis of crosses between these 2 subspecies
}
- Genetics, Parasite
Knowles G; Walliker D
1980 Parasitology 81 (1) Aug 211-219 Wa
Plasmodium yoelii yoelii, expression of virulence character is variable, genetic recombination is not necessary to obtain intermediate levels of virulence
- Genetics, Parasite
Lee EH; Winder NC
1981 Canad J Comp Med 45 (2) Apr 203-204 Wa
Eimeria acervulina, chicks infected with 1 of the 4 sporocysts of a single oocyst, implications for study of segregation of genetic traits; method for collecting fecal material described
- Genetics, Parasite
Le Jambre LF
1981 Internat J Parasitol 11 (4) Aug 323-330 Wa
Haemonchus contortus from Louisiana, H. contortus cayugensis, H. placei, hybridization, fertility and percent developing to 3rd stage, ability to develop at 11 and 13°C, vulvar morph types, meiosis
- Genetics, Parasite
Le Jambre LF; Royal WM
1980 Internat J Parasitol 10 (4) Aug 281-286 Wa
Haemonchus contortus, H. placei, meiotic abnormalities in backcross lines of hybrid Haemonchus
- Genetics, Parasite
Lewis JA et al
1980 Genetics 95 (4) Aug 905-928 Wa
Caenorhabditis elegans, genetics of levamisole resistance
- Genetics, Parasite
Lourens JHM
1980 Bull Entom Research 70 (1) Mar 1-10 Wa
Rhipicephalus appendiculatus, genetics of organochlorine resistance in 3 East African strains (Entebbe, Katoma, Kericho)
- Genetics, Parasite
Lourens JHM
1980 J Med Entom 17 (4) July 31 375-379 Wa
Amblyomma spp., organochlorine-resistant and -susceptible strains, susceptibility to cholinesterase-inhibiting acaricides, differences were considered to arise from variation in natural tolerance
- Genetics, Parasite
McGhee RB; Weathersby AB
1979 Bull World Health Organ 57 suppl 1 227-229 Wa
Plasmodium gallinaceum, variations in virulence for avian embryos after repeated passages in mosquitos and chickens, thought that variations reflect alterations in genetic moiety of parasites after recombinations occurring during sexual cycle in different batches of mosquitos

- Genetics, Parasite
McKenzie JA; Dearn JM; Whitten MJ
1980 Austral J Biol Sc 33 (1) Mar 85-95 Wa
Lucilia cuprina, genetic basis of resistance to diazinon in populations in Victoria, Australia
- Genetics, Parasite
Pays E et al
1980 Nucleic Acids Research 8 (24) Dec 20 5965-5981 Wm
Trypanosoma brucei brucei, cloning and characterization of DNA sequences complementary to messenger ribonucleic acids coding for synthesis of two variant specific surface antigens
- Genetics, Parasite
Pays E et al
1981 Proc National Acad Sc 78 (5) May 2673-2677 Wa
Trypanosoma brucei brucei, gene duplication and transposition linked to antigenic variation
- Genetics, Parasite
Pays E; Lheureux M; Steinert M
1981 Nature London (5820) 292 July 16 265-267 Wm
Trypanosoma brucei brucei, the expression-linked copy of surface antigen gene is probably the one transcribed
- Genetics, Parasite
Pfefferkorn ER; Schwartzman JD
1981 2 Internat Cong Cell Biol (Berlin (West) Aug 31-Sept 5 1980) 411-420 Wm; Wa
Toxoplasma gondii-infected cultured cells, use of (host cell and parasite) mutants to study biochemistry of host-parasite relationship, review
- Genetics, Parasite
Pfefferkorn LC; Pfefferkorn ER
1980 Exper Parasitol 50 (3) Dec 305-316 Wa
Toxoplasma gondii, genetic recombination between drug resistant mutants
- Genetics, Parasite
Price PW
1980 Monogr Population Biol (15) 237 pp Wa
parasites, evolutionary biology: non-equilibrium populations and communities; genetic systems; adaptive radiation and specificity; ecological niches, species packing, and community organization; impact on evolutionary biology of host
- Genetics, Parasite
Rosen NL et al
1981 Exper Parasitol 52 (2) Oct 210-218 Wa
Trypanosoma congolense strain cloned, passaged through tsetse fly, and subsequently re-cloned, relapsing infections induced in rats by syringe passage of cloned trypanosomes, relapsing infection was associated with change of one major glycoprotein spectrotpe to second spectrotpe, these variant surface glycoproteins may be products of sequentially expressed genes
- Genetics, Parasite
Shapiro SZ; Young JR
1981 J Biol Chem 256 (4) Feb 25 1495-1498 Wm
Trypanosoma brucei, messenger RNA encoding variable surface antigen, new immunochemical method for purification
- Genetics, Parasite
Shirley MW; Rollinson D
1979 Symposia Brit Soc Parasitol 17 7-30 Wa
Eimeria spp., recognition and characterization of populations, review: established approaches (morphology, site and host specificity, pathogenicity, immunological specificity), new approaches (enzyme electrophoresis, genetic studies, DNA buoyant density analyses)
- Genetics, Parasite
Simpson L et al
1980 Am J Trop Med and Hyg 29 (5 pt 2) Sept 1053-1063 Wa
Leishmania tarentolae, Trypanosoma brucei, kinetoplast DNA and RNA; in vitro culture system for study of genetic function of kinetoplast DNA during active period of mitochondrial biogenesis that occurs in life cycle of T. brucei
- Genetics, Parasite
Tait A
1980 Nature London (5782) 287 Oct 9 536-538 Wa
Trypanosoma brucei brucei, series of isolates screened for electrophoretic variation in 19 enzymes, strong evidence that trypanosomes are diploid and undergo random mating and recombination
- Genetics, Parasite
Tibayrenc M; Cariou ML; Solignac M
1981 Compt Rend Acad Sc Paris 292 s III Sc Vie (9) Mar 2 623-625 Wm
Trypanosoma cruzi (several strains), T. rangeli, Leishmania b. brasiliensis, analysis of enzyme variability, genetic interpretation of zymograms
- Genetics, Parasite
Turner M
1980 Nature London (5751) 284 Mar 6 13-14 Wa
new evidence that antigenic variation in trypanosomes is controlled by genetic rearrangement, brief review
- Genetics, Parasite
Wernsdorfer WH; Kouznetsov RL
1980 Bull World Health Organ 58 (3) 341-352 Wa
Plasmodium falciparum, drug resistance (biology and genetics, distribution and spread, epidemiology, control, monitoring of drug sensitivity), review
- Genetics, Parasite
Whitten MJ; Dearn JM; McKenzie JA
1980 Austral J Biol Sc 33 (6) Dec 725-735 Wa
Lucilia cuprina, selection for dieldrin resistance can occur as result of eggs and developing larvae coming into contact with insecticide residues in myiases on treated sheep
- Genetics, Parasite
Williams RO et al
1980 Am J Trop Med and Hyg 29 (5 pt 2) Sept 1037-1042 Wa
Trypanosoma brucei, analyses of variable antigen gene rearrangements
- Genetics, Parasite
Zaitseva GN et al
1979 Biokhimiia 44 (11) Nov 2073-2082 Wm
Crithidia oncopelti, C. fasciculata, presence of genes of ribosomal and transfer RNAs in kinetoplast DNA

Geographic distribution [See also Names of individual countries, continents, other geographic units]

Geographic distribution

Azimov DA
1978 Uzbek Biol Zhurnal (3) 44-46 Wa
Orientobilharzia spp., zoogeographic aspects of distribution, foci development

Geographic distribution

Bafundo KW; Wilhelm WE; Kennedy ML
1980 J Parasitol 66 (1) Feb 134-139 Wa
helminth parasites of Procyon lotor (digestive tract), statistical analysis of geographic variation: Tennessee

Geographic distribution

Bamforth SS
1981 J Protozool 28 (1) Feb 2-9 Issued June 18 Wa
protist biogeography, ecological and historical aspects, past-president's address, 33. Ann. Meet. Soc. Protozool.

Geographic distribution

Brooks DR
1979 Am Zool 19 (4) 1225-1238 Wa
digeneans of crocodylians, phylogenetic, genealogical, and biogeographical relationships, coevolutionary implications, symposium presentation

Geographic distribution

Chubb JC
1980 Advances Parasitol 18 1-120 Wa
larval Cestoda, Nematoda, seasonal occurrence in freshwater fishes in different world climatic zones, extensive review

Geographic distribution

Custer JW; Pence DB
1981 J Parasitol 67 (3) June 289-307 Wa
helminths of wild canids (Canis rufus, C. latrans, and their hybrids), prevalence, density, effect of hosts' age, sex, and taxonomic category, helminth species associations, sex ratio of heartworms and hookworms, host heart and spleen weights, geographical diversity, organization of species in helminth communities (importance values, multivariate analyses): Gulf Coastal prairies of Texas and Louisiana compared with other regions in North America

Geographic distribution

Fletcher M; LoVerde PT; Woodruff DS
1981 Am J Trop Med and Hyg 30 (2) Mar 406-421 Wa
Schistosoma mansoni, populations from Africa, Southwest Asia, South America, and West Indies, genetic variation in enzyme polymorphisms (electrophoresis on starch gels), geographic and sexual differences

Geographic distribution

Gusev AV
1976 Indian J Helminth 25-26 1973-1974 241 pp Issued Apr 7 Wa
Monogeneoidea of freshwater fish, systematics, morphology, evolution, host age and size factors, attachment to host, zoogeographic analysis of Indian and other faunas

Geographic distribution

Hellenthal RA; Price RD
1980 Ann Entom Soc Am 73 (5) Sept 495-503 Wa
Geomydoecus subcalifornicus complex, computerized taxonomic analysis system applied to quantitative characters and host and locality data, quantitative programs and automated procedures described in detail

Geographic distribution

Kreutzer RD; Sousa OE
1981 Am J Trop Med and Hyg 30 (2) Mar 308-317 Wa
Trypanosoma spp., isozyme patterns, cellulose acetate electrophoresis, variability between species and strains, potential for rapid trypanosome isolate identification, some indication that isozyme types were associated with geographical distribution

Geographic distribution

Mendez E
1977 Quaeest Entom 13 (2) Apr 91-182 Wa
mammalian fleas, key, host specificity, ecological and evolutionary factors in flea distribution: southwestern Colombia

Geographic distribution

Rohde K
1980 Experientia 36 (12) Dec 15 1368-1369 Wa
Monogenea, number of species per marine fish species increases from high to low latitudes and is much greater in Pacific vs. Atlantic Ocean, suggested that differences are due to more advanced evolution at low latitudes and in Pacific Ocean

Germany

Beringer T; Wiebe C
1981 Oeffentl Gsndhtsw 43 (4) Apr 195-197 Wm
intestinal parasites, incidence survey, refugees from 12 nations; high prevalence of Ancylostoma duodenale in Indian immigrants: Essen, Germany

Germany

Bernhard K; Semlow A
1980 Ang Parasitol 21 (1) Feb 6-10 Wa
helminths, humans, coprological survey of inhabitants and workers in rural municipality of Rostock district, GDR, comparisons with incidence in animal workers of other municipalities, seamen going to the tropics, and immigrants from the tropics

Germany

Dieng-Hellfeldt B; Wuthe HH
1980 Oeffentl Gsndhtsw 42 (11) 863-869 Wm
intestinal parasites, incidence survey, fewer infections in German population vs. immigrants from south of Europe, Turkey, Africa, or Indochina

Germany

Hoerchner F; Unterholzner J; Frese K
1981 Berl u Munchen Tierarztl Wchnschr 94 (11-12) June 1 220-223 Wa
helminths, infection rate in dogs, emphasis on Toxocara canis, sand sampled at children's playgrounds had extremely low levels of Toxocara eggs: West Germany

Germany

Loescher T; Pruefer L; von Sonnenburg FF
1980 Deutsche Med Wchnschr 105 (14) Apr 4 488-489 Wa
intestinal parasites, Vietnamese refugees, incidence survey (by age groups): Munchen, Bundesrepublik Deutschland

- Germfree animals See Gnotobiotic animals
- Glands [See also Gonads; Hormones]
- Glands, Host**
 Alves JB; Machado CRS
 1980 Arch Oral Biol 25 (7) 437-443 Wa
 Trypanosoma cruzi, acute and chronic infections in rats, histological and histoquantitative changes in submandibular gland
- Glands, Host**
 Anderson GL
 1975 Veliger 17 (3) Jan 1 299-306 Wm
 Fabia subquadrata-infected Mytilus californianus, true parasitism in that crab infestation produces predictable deleterious effects (alterations in host glycogen metabolism, diminished reproductive potential through decreased gonadal development): Sonoma County, California
- Glands, Host**
 Cook RW; Trapp AL; Williams JF
 1981 J Comp Path 91 (2) Apr 219-226 Wa
 Taenia taeniaeformis, rats (exper.), histopathology in liver, lymph nodes and thymus, serum enzyme activities
- Glands, Host**
 Costa JS et al
 1980 Rev Inst Med Trop S Paulo 22 (5) Sept-Oct 246-260 Wm
 Schistosoma mansoni-infected mice, growth, blood picture, histology of glands and reproductive organs, effect of splenectomy
- Glands, Host**
 Dettori G; et al
 1980 Am Surg 46 (9) Sept 530-533 Wm
 echinococcosis, human thyroid gland, pathology, clinical and therapeutic features of 2 cases, diagnosis by radioiodine scan: Sardinia
- Glands, Host**
 Ellis DS; Evans DA; Stamford S
 1980 Ztschr Parasitenk 62 (1) 63-74 Wa
 Trypanosoma rangeli, penetration of salivary glands of Rhodnius prolixus (exper.), ultrastructure of invasion process
- Glands, Host**
 Ghareeb AM et al
 1975 Ain Shams Med J 26 (1) Jan 81-89 Wm
 Schistosoma mansoni, hormonal and enzyme changes occurring with hepatosplenic involvement, possible effects on host growth and development, golden hamster used as exper. model for human infections
- Glands, Host**
 Hennessy DR; Prichard RK
 1981 Research Vet Sc 30 (1) Jan 87-92 Wa
 Trichostrongylus colubriformis-infected sheep, kinetics of thyroxine and inorganic iodine metabolism, thyroid gland histology, thyroid response to thyroid stimulating hormone
- Glands, Host**
 Irvin AD et al
 1981 Parasitology 82 (1) Feb 137-147 Wa
 Theileria parva, rapid method for preparing and staining salivary glands of infected Rhipicephalus appendiculatus, application of technique in series of studies monitoring protozoal infection in adult ticks, female ticks consistently more highly infected than males
- Glands, Host**
 Knopf PM; Soliman M
 1980 Internat J Parasitol 10 (3) June 197-204 Wa
 Schistosoma mansoni, mice, rats, effects of host endocrine gland removal on host 'permissiveness', concluded that host hormones contribute to nonpermissive status of rats to infection
- Glands, Host**
 Kuberski TT
 1981 J Clin Microbiol 13 (5) May 880-881 Wa
 Trichomonas vaginalis, 35-year-old man, prostatitis, ankylosing spondylitis, case report, possibility that T. vaginalis might play role in prostatitis and pathogenesis of ankylosing spondylitis in some patients
- Glands, Host**
 Mikail EG et al
 1979 J Egypt Pub Health Ass 54 (1-2) 23-34 Wm
 Trichinella spiralis-infected rats, increased adrenal gland secretions during peak severity of pathological lesions in intestine and diaphragm, application to therapeutic use of steroids
- Glands, Host**
 Patel NY; Youdeowei A; Odhiambo TR
 1981 Insect Sc and Its Applic 1 (4) 383-387 Wa
 Glossina morsitans morsitans, composition of salivary gland secretion, findings discussed in relation to nutritional requirements of metacyclic forms of Trypanosoma brucei
- Glands, Host**
 Rondelaud D; Barthe D
 1980 Bull Soc Zool France 105 (4) 481-490 Wa
 Fasciola hepatica-infected Lymnaea truncatula (exper.), histopathological studies on genital epithelium
- Glands, Host**
 Thomas JS
 1974 Veliger 17 (2) Oct 1 207-210 Wm
 Cryptocotyle lingua, Himasthla leptosoma, glycogen and free sugar levels of rediae and of digestive gland and gonad of parasitized and non-parasitized Littorina littorea
- Glands, Host**
 Van Elk R; Joosse J
 1981 Comp Biochem and Physiol 70B (1) 45-52 Wa
 Lymnaea stagnalis, UDP-galactose 4-epimerase of albumen gland, effects of photoperiod, starvation, and trematode (Trichobilharzia ocellata) infection on its activity

- Glands, Parasite
Amin OM; Redlin MJ
1980 System Parasitol 2 (1) Dec 9-20 Wa
Echinorhynchus salmonis in *Coregonus hoyi* and *Osmerus mordax*, worm sex and age and the host species (salmonid host vs. non-salmonid host) affected worm growth and morphological variability, anomalies; extreme variability in cement gland pattern and the implications for using this diagnostic character on the generic level
- Glands, Parasite
Axtell RC; LeFurgey A
1979 J Med Entom 16 (3) Oct 12 173-179 Wa
4 species of ixodid ticks, foveae dorsales and foveal glands compared in males and females, gross internal and external structure, scanning electron microscopy
- Glands, Parasite
Berndt KP; Pruess WR
1979 Ang Parasitol 20 (2) June 67-76 Wa
ticks and insects, male accessory sexual glands, effect on physiology of reproduction of mated females
- Glands, Parasite
Binnington KC; Kemp DH
1980 Advances Parasitol 18 315-339 Wa
ticks, role of salivary glands in feeding and disease transmission, review: salivary gland functions during attachment and feeding (secretion of attachment cement; salivary secretions and tick feeding; passage of material through salivary glands during feeding); toxicosis (host paralysis); disease transmission (*Theileria*; *Babesia*)
- Glands, Parasite
Binnington KC; Stone BF
1981 Internat J Parasitol 11 (5) Oct 343-351 Wa
Ixodes holocyclus, salivary glands, morphology and histochemistry, evidence concerning origin of paralyzing toxin, possible origin of components which provoke allergic response in host
- Glands, Parasite
Chinery WA
1981 J Parasitol 67 (1) Feb 15-19 Wa
Haemaphysalis spinigera, *Rhipicephalus s. sanguineus*, skin reaction after intracutaneous injection of salivary gland extract into sensitized and nonsensitized rabbits, indicates that ticks' saliva contains pharmacodynamic substance (closely related to histamine) in addition to having antigenic properties
- Glands, Parasite
Coons LB; Roshdy MA
1981 Ztschr Parasitenk 65 (2) 225-234 Wa
Argas arboreus, ultrastructure of granule secretion in salivary glands during feeding
- Glands, Parasite
Degrugillier ME; Grosz SG
1981 Ann Entom Soc Am 74 (2) Mar 217-221 Wa
Cochliomyia hominivorax, effects of ablation of female accessory reproductive gland on fertility
- Glands, Parasite
Dickinson RG et al
1980 J Austral Entom Soc 18 (3) 1979 199-210
Issued Mar 14 Wa
Boophilus microplus, a prostaglandin and a second smooth muscle contracting component from saliva, salivary glands or hemolymph of engorged or partly engorged females; prostaglandin not dependent on host immune status nor of host origin, more likely produced by tick, possibly functions in establishing feeding lesion or has physiological role in tick; identity and role of second component not known
- Glands, Parasite
El-Naggar MM; Kern GC
1980 Ztschr Parasitenk 61 (3) 223-241 Wa
Dactylogyrus amphibothrium, *D. hemiamphibothrium*, anterior adhesive apparatus, ultrastructure, part played by glandular secretions in attachment and detachment of head region
- Glands, Parasite
Fairweather I; Threadgold LT
1981 Parasitology 82 (3) June 445-458 Wa
Hymenolepis nana, fine structure of 'penetration gland' and nerve cells within oncosphere, transmission and scanning electron microscopy, light microscope histochemistry
- Glands, Parasite
Fawcett DW; Doxsey S; Buescher G
1981 Tissue and Cell 13 (2) 209-230 Wa
Rhipicephalus appendiculatus, salivary gland, ultrastructure of type III acinus
- Glands, Parasite
Fawcett DW; Doxsey S; Buescher G
1981 Tissue and Cell 13 (2) 231-253 Wa
Rhipicephalus appendiculatus, salivary gland, changes in ultrastructure of type III acinus in course of feeding, cellular basis for fluid secretion in type III acinus
- Glands, Parasite
Harris RA; Kaufman WR
1981 J Insect Physiol 27 (4) 241-248 Wa
Amblyomma hebraeum, hormonal control of salivary gland degeneration
- Glands, Parasite
Hayunga EG
1979 Proc Helminth Soc Washington 46 (2) July 171-179 Issued Aug 14 Wa
Glaridacris catostomi, *G. laruei*, and *Hunterella nodulosa* from *Catostomus commersoni* (intestine), histology, histochemistry, and fine structure of scolex glands, electron microscopy, role in attachment to host and in causing intestinal pathology: vicinity of Albany, New York
- Glands, Parasite
Irvin AD et al
1981 Parasitology 82 (1) Feb 137-147 Wa
Theileria parva, rapid method for preparing and staining salivary glands of infected *Rhipicephalus appendiculatus*, application of technique in series of studies monitoring protozoal infection in adult ticks, female ticks consistently more highly infected than males
- Glands, Parasite
Kanwar U; Kansal M
1980 J Helminth 54 (4) Dec 263-266 Wa
Paramphistomum epiclitum, *Paradistomoides orientalis*, prostate glands, cytochemistry

- Glands, Parasite
McMullen HL et al
1980 Biochem and Biophys Research Commun 95 (4)
Aug 29 1555-1562 Wm
Amblyomma americanum, calcium-dependent modulator proteins of 3':5'-cyclic-AMP phosphodiesterase isolated from salivary glands, role in regulation of salivary fluid secretion
- Glands, Parasite
Pan SC
1980 J Invert Path 36 (3) Nov 307-372 Wa
Schistosoma mansoni miracidium, cellular organization, detailed fine structure
- Glands, Parasite
Panfilova IM
1980 Zool Zhurnal 59 (6) June 851-858 Wa
Ixodes persulcatus females, changes in neuro-endocrine system and amounts of secretory substances during feeding
- Glands, Parasite
Panfilova IM
1980 Zool Zhurnal 59 (8) Aug 1137-1147 Wa
Ixodes persulcatus, feeding females, inhibition of growth and oogenesis related to absence of fertilization, disturbances in activity of sympathetic neurosecretory cells and lateral organs, dynamics of activity of different elements of neuro-endocrine system compared in feeding non-fertilized and fertilized females (these changes in non-fertilized females considered an adaptation to long wait for fertilization)
- Glands, Parasite
Popiel I; Erasmus DA
1981 Exper Parasitol 52 (1) Aug 35-48 Wa
Schistosoma mansoni, effect of niridazole on ultrastructure and morphogenesis of vitelline gland
- Glands, Parasite
Rhoads ML
1981 J Biol Chem 256 (17) Sept 10 9316-9321 Wa
Stephanurus dentatus, cholinesterase activity (compared with Oesophagostomum radiatum and Nippostrongylus brasiliensis), tissue localization, isolation of secretory cholinesterase from excretory gland cells, purification, characterization (biochemical, kinetic, and antigenic properties), sex dependence
- Glands, Parasite
Richards KS; Arme C
1981 Parasitology 83 (3) Dec 477-487 Wa
Caryophyllaeus laticeps, scolex-neck syncytium, neck cells, frontal gland cells, ultrastructure, inter-relationships of gland distribution, scolex morphology, and host pathology
- Glands, Parasite
Sharma PN; Mandawat S; Sharma AN
1981 J Helminth 55 (2) June 141-148 Wa
Ceylonocotyle scoliocoelium, Mehlis' gland, non-enzymatic and enzymatic histochemistry, physiological implications
- Glands, Parasite
Sonenshine DE et al
1981 J Chem Ecol 7 (2) Mar 345-357 Wa
Dermacentor variabilis, D. andersoni, association of sex pheromone with neutral lipids in foveal glands
- Glands, Parasite
Sonenshine DE et al
1981 J Parasitol 67 (5) Oct 627-646 Wa
Dermacentor variabilis, foveal glands (pheromone glands) and foveae dorsales, ultrastructure
- Glands, Parasite
Specian RD
1981 J Parasitol 67 (2) Apr 278-279 Wa
Hymenolepis diminuta, rostellar glands, paraldehyde fuchsin staining following destrobilization and surgical reimplantation into rats, results indicate strong correlation between activity of these modified tegumentary cells and development of the strobila
- Glands, Parasite
Wilfred M; Lee DL
1981 Internat J Parasitol 11 (6) Dec 485-492 Wa
Bunostomum trigonocephalum, observations on buccal capsule and associated glands, possible role of various structures and enzymes during feeding
- Glands, Parasite
Wong DLP; Kaufman WR
1981 European J Pharmacol 73 (2-3) July 17 163-173 Wa
Amblyomma hebraeum, potentiation by spiperone and other butyrophenones of fluid secretion by isolated salivary glands
- Globule leukocytes
Gregory MW; Nolan A
1981 Research Vet Sc 30 (3) May 385-387 Wa
Eimeria spp., lambs, globule leucocyte and mucosal mast cell populations in small intestine (excluding lymphoid areas), globule leucocyte and mucosal mast cell populations in mucosa overlying Peyer's patches and in adjacent areas of same section, % distribution of globule leucocytes in mucosa of sections which showed large numbers of these cells
- Globule leukocytes
Knight RA
1980 J Parasitol 66 (5) Oct 844-845 Wa
Fasciola hepatica, sheep infected singly and repeatedly, globule leucocytes in various tissues
- Globule leukocytes
MacDonald TT; Murray M; Ferguson A
1980 Exper Parasitol 49 (1) Feb 9-14 Wa
Nippostrongylus brasiliensis-infected rats, kinetics of mast cells and globule leucocytes at small intestinal sites and in heterotopically transplanted isografts of intestine
- Globule leukocytes
Ruitenber EJ et al
1980 Internat Arch Allergy and Applied Immunol 62 (1) 104-110 Wa
Trichinella spiralis infection in mice genetically selected for high and low antibody production, specific antibody response, histopathological changes in small intestine with emphasis on macrophages, intestinal mast cells, globule leucocytes, and eosinophils

- Globule leukocytes**
Ruitenberg EJ; Buys J
1980 Vet Immunol and Immunopath 1 (3) Aug
199-214 Wa
Trichinella spiralis, mice, effects of pregnancy on course of infection and associated histopathological changes in thymus and small intestine (litter size, thymus atrophy and thymus mast cells, worm expulsion, recovery of muscle larvae, intestinal mast cells and globule leukocytes, intestinal eosinophils, antibody production, blood eosinophilia)
- Globule leukocytes**
Ruitenberg EJ; Elgersma A
1980 Brit J Exper Path 61 (3) June 285-290 Wa
Trichinella spiralis, rats, single or double infections, kinetics of globule leukocytes in the intestinal epithelium, independence of globule leukocytes from intestinal mast cells
- Globulins** See Immunoglobulins; Proteins
- Glucose** See Carbohydrates
- Glycogen** See Carbohydrates
- Glycolysis** See Carbohydrates; Metabolism
- Glycoproteins** [See also Biochemistry; Carbohydrates; Metabolism; Proteins]
- Glycoproteins, Host**
Deas JE; Adler KA; Wilson LA
1981 Am J Trop Med and Hyg 30 (3) May 544-554 Wa
Plasmodium berghei, effect on membranes of murine erythrocytes, biochemical and immunological analyses, quantitative but not qualitative changes in membrane proteins and glycoproteins, no antigenic changes detected
- Glycoproteins, Host**
Howard RJ et al
1980 J Protozool 27 (2) May 241-247 Issued July 17 Wa
Babesia bovis, comparison of surface proteins and glycoproteins on erythrocytes of calves before and during infection
- Glycoproteins, Host**
Howard RJ et al
1981 Parasitology 83 (2) Oct 357-372 Wa
Plasmodium falciparum, P. vivax, erythrocyte membrane sialoglycoproteins in infected and uninfected individuals: Papua New Guinea
- Glycoproteins, Host**
Howard RJ; Day KP
1981 Exper Parasitol 51 (1) Feb 95-103 Wa
Plasmodium berghei-infected mouse blood, modification of surface membrane glycoprotein sialic acids on uninfected and infected red cells, possible implications with regard to anemia induced by malaria (new sialic acid antigen(s) may elicit binding of autoantibody)
- Glycoproteins, Host**
Howard RJ; Smith PM; Mitchell GF
1980 Parasitology 81 (2) Oct 251-271 Wa
Babesia rodhaini-infected intact or hypothyemic BALB/c mice, characterization of surface protein and glycoproteins on red blood cells; considerations in radioisotope labelling
- Glycoproteins, Host**
Howard RJ; Smith PM; Mitchell GF
1980 Parasitology 81 (2) Oct 273-298 Wa
Plasmodium berghei-infected intact or hypothyemic BALB/c mice, characterization of surface proteins and glycoproteins on red blood cells; considerations in radioisotope labelling
- Glycoproteins, Host**
Howard RJ; Smith PM; Mitchell GF
1980 Parasitology 81 (2) Oct 299-314 Wa
Plasmodium yoelii-infected intact or hypothyemic BALB/c mice, characterization of surface proteins and glycoproteins on red blood cells; considerations in radioisotope labelling
- Glycoproteins, Host**
Kilejian A; Olson J
1979 Bull World Health Organ 57 suppl 1 101-107 Wa
Plasmodium falciparum, proteins and glycoproteins from infected erythrocytes (fractions enriched in membrane fragments with 'knobs' vs. fractions devoid of them)
- Glycoproteins, Host**
Perkins M
1981 J Cell Biol 90 (3) Sept 563-567 Wa
Plasmodium falciparum, inhibitory effects of erythrocyte membrane proteins on in vitro invasion of merozoites into host cell, observations imply role for glycophorin A in attachment of malarial parasite to erythrocyte surface
- Glycoproteins, Host**
Persellin RH; Thorne KJI
1981 Tr Roy Soc Trop Med and Hyg 75 (3) 436-438 Wa
Trypanosoma dionisii, inhibition of phagocytosis of trypanosomes by normal polymorphonuclear leukocytes in presence of pregnancy-associated alpha-2-glycoprotein, could account for suggested increase in frequency and severity of protozoal infections during gestation
- Glycoproteins, Host**
Yodoi J; Hirashima M; Ishizaka K
1980 J Immunol 125 (4) Oct 1436-1441 Wm
Nippostrongylus brasiliensis, rats, regulatory role of IgE-binding factors from rat T lymphocytes, glycoprotein nature and source of IgE-potentiating factor
- Glycoproteins, Parasite**
Auffret CA; Turner MJ
1981 Biochem J 193 (2) Feb 1 647-650 Wa
Trypanosoma brucei, variant specific antigens exist in solution as glycoprotein dimers
- Glycoproteins, Parasite**
Barbet AF et al
1981 Parasitology 83 (3) Dec 623-637 Wa
Trypanosoma brucei brucei, identification of fragment containing cross-reacting antigenic determinants in variable surface glycoprotein
- Glycoproteins, Parasite**
Beames CG jr; Merz JM; Donahue MJ
1981 Biochem Parasites (Slutzky) 75-83 Wa
Ascaris suum, intestine, some biochemical and physiological characteristics, movement of electrolytes and non-electrolytes across epithelial cell membrane and permeability characteristics of basement membrane

- Glycoproteins, Parasite
Boothroyd JC et al
1980 Nature London (5791) 288 Dec 11 624-626
Wa
Trypanosoma brucei, nucleotide sequence data which suggest that primary translation product of one variant surface glycoprotein gene contains hydrophobic tail at carboxy terminus which is not found on isolated mature glycoprotein, data also predict that glycosylated residue is aspartic acid rather than anticipated asparagine
- Glycoproteins, Parasite
Brett CT; Voorheis HP
1980 European J Biochem 109 (1) Aug 1 139-150
Wm
Trypanosoma brucei, glycoprotein biosynthesis, glycosylation of glycoproteins located in and attached to plasma membrane
- Glycoproteins, Parasite
Carroll M; McCrorie P
1981 Comp Biochem and Physiol 70B (2) 319-322
Wa
Trypanosoma brucei brucei, improvement of standard method for isolation of trypanosomes from infected blood, comparison of physicochemical and kinetic properties of alpha-glucosidase and alpha-mannosidase in bloodstream forms, possible role of these enzymes in processing or catabolism of trypanosomal glycoproteins (in particular variant-specific surface antigen)
- Glycoproteins, Parasite
Colli W; Andrews NW; Zingales B
1981 2 Internat Cong Cell Biol (Berlin (West) Aug 31-Sept 5 1980) 401-410 Wm; Wa
Trypanosoma cruzi, overall chemical composition of epimastigote plasma membrane, surface glycoproteins, binding of host proteins to surface, attempts to discriminate between adhesion and penetration to in vitro cultured mammalian cells, review
- Glycoproteins, Parasite
Despommier DD; Laccetti A
1981 Exper Parasitol 51 (2) Apr 279-295 Wa
Trichinella spiralis, proteins and antigens isolated from large-particle fraction derived from muscle larva, characterization using variety of standard chemical and immunological procedures, ability to induce protection in mice
- Glycoproteins, Parasite
Franco da Silveira J; Colli W
1981 Biochim et Biophys Acta 644 (2) June 22 341-350 Wm
Trypanosoma cruzi, chemical composition of plasma membrane from epimastigote forms
- Glycoproteins, Parasite
Hernandez AG et al
1981 Biochem Parasites (Slutzky) 47-65 Wa
Leishmania braziliensis, cell surface properties, differences between amastigotes and promastigotes and between pathogenic and non-pathogenic strain; kinetics of production and secretion of leishmanial metabolic products, biochemical and chemical characteristics of secreted material, cellular processes that accompany its exclusion from cell's interior
- Glycoproteins, Parasite
Holder AA; Cross GAM
1981 Molec and Biochem Parasitol 2 (3-4) Feb 135-150 Wa
Trypanosoma brucei, glycopeptides from variant surface glycoproteins, amino acid and sugar composition and partial or complete amino acid sequence, C-terminal location of antigenically cross-reacting carbohydrate moieties
- Glycoproteins, Parasite
Johnson AM; McDonald PJ; Neoh SH
1981 Biochem and Biophys Research Commun 100 (3) June 16 934-943 Wa
Toxoplasma gondii, molecular weight analysis of major polypeptides and glycopeptides
- Glycoproteins, Parasite
Kilejian A
1980 Proc National Acad Sc 77 (6) June 3695-3699 Wm
Plasmodium falciparum, establishment of highly synchronized cultures enabled identification of stage-specific proteins, glycoproteins, and antigens unique to schizonts and merozoites
- Glycoproteins, Parasite
Kilejian A
1981 Biochem Parasites (Slutzky) 67-73 Wa
Plasmodium falciparum, protein synthesized by parasite is correlated with formation of knobs on membranes of infected human erythrocytes, glycoprotein of parasite origin becomes apparent on membrane of infected erythrocytes during schizogony
- Glycoproteins, Parasite
Labastie MC et al
1981 Biochem and Biophys Research Commun 99 (2) Mar 31 729-736 Wa
Trypanosoma equiperdum, variant specific glycoproteins, cross reacting determinants and chemical studies
- Glycoproteins, Parasite
Lyon JA et al
1981 J Immunol 126 (1) Jan 134-137 Wm
Trypanosoma rhodesiense, use of monoclonal antibodies to probe molecular basis for charge heterogeneity in variant-specific surface coat glycoprotein
- Glycoproteins, Parasite
Matthyssens G et al
1981 Nature London (5829) 293 Sept 17-23 230-233 Wa
Trypanosoma brucei, two variant surface glycoproteins have conserved C-terminus
- Glycoproteins, Parasite
Nogueira N et al
1981 J Exper Med 153 (3) Mar 1 629-639 Wa
Trypanosoma cruzi, surface antigens of blood and culture forms, both major surface components were presumably glycoproteins, one component thought to be responsible for anti-phagocytic properties of blood-form trypanomastigotes
- Glycoproteins, Parasite
Olenick JG; Travis RW; Garson S
1981 Molec and Biochem Parasitol 3 (4) Aug 227-238 Wa
Trypanosoma rhodesiense, variant-specific surface coat glycoproteins, chemical and immunological characterization

- Glycoproteins, Parasite**
Parodi AJ; Quesada Allue LA; Cazzulo JJ
1981 Proc National Acad Sc 78 (10) Biol Sc Oct
6201-6205 Wa
Crithidia fasciculata, pathway of protein
glycosylation
- Glycoproteins, Parasite**
Rautenberg P; Reinwald E; Risse HJ
1980 Parasitology 80 (1) Feb 113-122 Wa
Trypanosoma congolense, demonstration of glyco-
protein character of surface coat protein and
of exteriorly exposed carbohydrate residues of
surface coat
- Glycoproteins, Parasite**
Reinwald E; Rautenberg P; Risse HJ
1981 Biochim et Biophys Acta 668 (1) Mar 27
119-131 Wm
Trypanosoma congolense, purification of variant
antigens, new approach to isolation of glyco-
proteins
- Glycoproteins, Parasite**
Richards FF et al
1981 Fed Proc 40 (5) Apr 1434-1439 Wa
Trypanosoma congolense, antigenic variation
and surface glycoproteins, review
- Glycoproteins, Parasite**
Rosen NL et al
1981 Exper Parasitol 52 (2) Oct 210-218 Wa
Trypanosoma congolense strain cloned, passaged
through tsetse fly, and subsequently recloned,
relapsing infections induced in rats by sy-
ringe passage of cloned trypanosomes, relap-
sing infection was associated with change of
one major glycoprotein spectrotpe to second
spectrotpe, these variant surface glycopro-
teins may be products of sequentially
expressed genes
- Glycoproteins, Parasite**
Schmidt-Ullrich R; Wallach DFH; Lightholder J
1980 Cell Biol Internat Rep 4 (6) June 555-561
Wa
Plasmodium knowlesi, metabolic labelling of
parasite-specific glycoproteins in membranes
of parasitized rhesus monkey erythrocytes
- Glycoproteins, Parasite**
Sharma PN; Sharma AN
1981 J Helminth 55 (3) Sept 223-229 Wa
Ceylonocotyle scoliocoelium, neurosecretory
cells, histochemical tests for enzymes and
non-enzymatic substances
- Glycoproteins, Parasite**
Simpson AJG et al
1981 Parasitology 83 (1) Aug 163-177 Wa
Schistosoma mansoni, tegumental outer mem-
brane of adult worms, method for isolation,
partial biochemical and morphological charac-
terization
- Glycoproteins, Parasite**
Snary D et al
1981 Molec and Biochem Parasitol 3 (6) Oct
343-356 Wa
Trypanosoma cruzi, cell surface antigens, use
of monoclonal antibodies to identify and iso-
late epimastigote-specific glycoprotein
- Glycoproteins, Parasite**
Strickler JE; Patton CL
1980 Proc National Acad Sc 77 (3) Mar 1529-1533
Wa
Trypanosoma brucei brucei, relatively simple
medium that allows specific labeling of carbo-
hydrate portion of glycoproteins, majority of
label appears in variable surface coat glyco-
protein, inhibitor studies using tunicamycin or
cycloheximide
- Glycoproteins, Parasite**
Udeinya IJ; Van Dyke K
1980 Bull World Health Organ 58 (3) 445-448 Wa
Plasmodium falciparum, significant incorpora-
tion of glycoprotein precursors into membrane
glycoproteins of parasites cultivated in vitro
- Gnotobiotic animals**
Przyjalkowski Z et al
1980 Bull Acad Polon Sc Cl II s Sc Biol 28 (1-2)
111-116 Wa
Trichinella spiralis-infected germfree and con-
ventional mice, reactivity of lymphocytes
- Gnotobiotic animals**
Przyjalkowski Z; Cabaj W; Kontny E
1979 Zentralbl Bakteriol 1 Abt Suppl (7) 181-
187 Wa
Trichinella pseudospiralis, germfree and con-
ventional mice, course of infection, hemato-
logical and serological changes, humoral re-
sponse determined by immunodiffusion and
hemagglutination tests; ". . . it seems unjusti-
fied to distinguish the two types of Trichi-
nella [spiralis and pseudospiralis] as sep-
arate species only on the basis of the
presence of the envelope sheathing T.
spiralis larvae"
- Gnotobiotic animals**
Przyjalkowski Z; Cabaj W; Kontny E
1979 Bull Acad Polon Sc Cl II s Sc Biol 27 (2)
109-115 Wa
Trichinella spiralis, germfree and conventional
mice treated with immunosuppressive cyclophos-
phamide, course of intestinal infection, low
dose immunosuppressive, high dose killed para-
sites
- Gnotobiotic animals**
Przyjalkowski Z; Golinska Z; Bany J
1979 Bull Acad Polon Sc Cl II s Sc Biol 27 (2)
117-120 Wa
Trichinella spiralis, germfree and conventional
mice, influence of immunosuppressant cyclo-
phosphamide on serum IgM, IgG, and IgA levels
- Gnotobiotic animals**
Przyjalkowski Z; Golinska Z; Bany J
1980 Bull Acad Polon Sc Cl II s Sc Biol 28 (1-2)
71-74 Wa
Trichinella spiralis, lysozyme activity in
course of experimental infection in germfree
and conventional mice treated with cyclophos-
phamide
- Gnotobiotic animals**
Przyjalkowski Z; Kontny E; Cabaj W
1980 Bull Acad Polon Sc Cl II s Sc Biol 28 (1-2)
87-93 Wa
Trichinella spiralis-infected germfree and con-
ventional mice, haematological changes as index
of course of infection

- Gnotobiotic animals
Przyjalkowski Z; Schollenberger A; Frymus T
1980 Bull Acad Polon Sc Cl II s Sc Biol 28 (1-2)
81-85 Wa
Trichinella spiralis-infected germfree and conventional mice, macrophage migration inhibition test
- Gnotobiotic animals
Przyjalkowski Z; Warton A
1980 Bull Acad Polon Sc Cl II s Sc Biol 28 (1-2)
75-79 Wa
Trichinella spiralis-infected germfree and conventional mice, scanning electron microscopy of small intestinal epithelium
- Goblet cells
Uber CL; Roth RL; Levy DA
1980 Nature London (5779) 287 Sept 18 226-228
Wa
Nippostrongylus brasiliensis, expulsion by mice deficient in mast cells not different from control mice, possible role of goblet cells in self-cure reaction
- Gonads [See also Glands; Reproductive organs]
- Gonads, Host
Anosa VO; Isoun TT
1980 Research Vet Sc 28 (2) Mar 151-160 Wa
Trypanosoma vivax, goats, sheep (both exper.), testicular pathology
- Gonads, Host
Costa JS et al
1980 Rev Inst Med Trop S Paulo 22 (5) Sept-Oct 246-260 Wm
Schistosoma mansoni-infected mice, growth, blood picture, histology of glands and reproductive organs, effect of splenectomy
- Gonads, Host
Mascaro-Lazcano MC; Guevara-Pozo D
1977 Rev Iber Parasitol 37 (1-2) Jan-June 99-107 Wa
Trichinella spiralis-infected mice, males more susceptible to infections, castration decreased susceptibility in both males and females
- Gonads, Host
Rondelaud D; Barthe D
1980 Bull Soc Zool France 105 (4) 481-490 Wa
Fasciola hepatica-infected Lymnaea truncatula (exper.), histopathological studies on genital epithelium
- Gonads, Host
Thomas JS
1974 Veliger 17 (2) Oct 1 207-210 Wm
Cryptocotyle lingua, Himastha leptosoma, glycogen and free sugar levels of rediae and of digestive gland and gonad of parasitized and non-parasitized Littorina littorea
- Gonads, Parasite
Kanwar U; Agrawal M; Nath V
1980 Zool Polon 28 (2) 189-198 Wa
Gastrothylax crumenifer, Ceylonocotyle dawesi, non-enzymatic components in ovary, cytochemical analysis
- Gonads, Parasite
Marcaillou C; Szollosi A
1980 J Ultrastructure Research 70 (1) Jan 128-136 Wa
existence of 'blood-testis' barrier demonstrated in Dipetalonema dessetae
- Gonads, Parasite
Osburn RL; Davey RB; Thompson GD
1980 Ann Entom Soc Am 73 (5) Sept 613-616 Wa
Boophilus annulatus, B. microplus, testes development, timing and occurrence of spermatogenesis, karyotypes
- Granulocytes [See also Basophils; Eosinophils; Leukocytes; Neutrophils]
- Granulocytes
Albright JW; Albright JF
1981 Infect and Immun 33 (2) Aug 355-363 Wa
Trypanosoma lewisi, basis of host specificity investigated in various mouse strains and in vitro, some parallel experiments with T. musculi, results suggest that principal mechanism responsible for murine resistance to heterologous trypanosomes is type of antibody-dependent granulocyte-mediated immunity involving naturally occurring antibody and probably platelets
- Granulocytes
Kazura JW
1981 J Infect Dis 143 (5) May 712-718 Wa
Trichinella spiralis, in vitro study of capacity of human leukocytes in presence of serum from infected individuals and complement to destroy newborn larvae, results show that host defense is in part mediated by granulocytes and dependent on presence of IgG antibodies directed against migratory parasitic stage
- Granulocytes
Lie KJ; Jeong KH; Heyneman D
1980 Ann Trop Med and Parasitol 74 (2) Apr 157-166 Wa
Schistosoma mansoni, sporocysts in Biomphalaria glabrata with strong natural resistance are encapsulated by granulocytes and killed by strong phagocytic activity, irradiated Echinostoma paraensei sporocysts suppress function of granulocytes; tissue responses associated with destruction of secondary sporocysts in snails with self-cure indicate partial suppression of granulocyte function
- Granulocytes
Musumeci S et al
1978 Acta Trop 35 (2) June 183-193 Wa
kala azar, 5 patients, leukokinetic studies, mechanism of neutropenia
- Granulocytes
Novato-Silva E; Nogueira-Machado JA; Gazzinelli G
1980 Am J Trop Med and Hyg 29 (6) Nov 1263-1267 Wa
Schistosoma mansoni, comparison of killing effect of granulocytes and complement with and without antibody on fresh vs. cultured schistosomula in vitro
- Granulocytes
Weller PF; Ottesen EA; Goetzl EJ
1981 Clin Immunol and Immunopath 18 (1) Jan 76-84 Wm
Wuchereria bancrofti, humans, alterations in blood eosinophilia and activities of eosinophil enzymes in relation to diethylcarbamazine chemotherapy (changes in arylsulfatase B but not in peroxidase or beta-glucuronidase)
- Granulocytes
Wilson CB; Remington JS
1979 J Infect Dis 140 (6) Dec 890-895 Wa
Toxoplasma gondii, human monocytes and granulocytes are active in restricting dissemination of parasites during acute infections

- Granuloma
Abouzkham AA; Buttner A
1980 Ann Parasitol 55 (2) Mar-Apr 199-207 Wa
Schistosoma mansoni, mice, development of hepatic granulomas in challenge infections, effect of time between initial and challenge infections, effect of size of initial infecting dose
- Granuloma
Abuzeid Y et al
1977 Ain Shams Med J 28 (5-6) Sept-Nov 393-395 Wm
schistosomal granuloma of spinal cord vs. non-schistosomal granuloma, histopathology, results of circumoval precipitin test and clinical features of 2 cases compared: Egypt
- Granuloma
Akpom CA
1981 Tr Roy Soc Trop Med and Hyg 75 (3) 444-446 Wa
Schistosoma mansoni, response induced in normal healthy mice by eggs that were recovered from severely protein-deficient mice, concluded that suppression of host cellular immunity may not be only factor that explains suppression of granulomatous response to eggs in severe protein malnutrition
- Granuloma
Amsden AF; Boros DL; Hood AT
1980 Infect and Immun 27 (1) Jan 75-80 Wa
Schistosoma mansoni-infected athymic nude mice, etiology of liver granulomatous response
- Granuloma
Boros DL; Lande MA; Carrick L jr
1981 Clin Immunol and Immunopath 18 (2) Feb 276-286 Wm
Schistosoma mansoni, mice, collagen synthesis during cell-mediated granulomatous response as determined in explanted pulmonary granulomas
- Granuloma
Boucaut P et al
1980 Nouv Presse Med 9 (39) Oct 25 2918 Wm
Anisakis infection in man, causing eosinophilic granuloma and intestinal occlusion, case report
- Granuloma
Buzzoni HD; Saad F
1980 Rev Paul Med 96 (3-4) Sept-Oct 79-80 Wm
Schistosoma mansoni, man, testicular schistosomal granuloma, case review, diagnosed by testicular biopsy and histological review: Brazil
- Granuloma
Caprioglio A
1976 Arch Sc Med Torino 133 (4) Oct-Dec 403-410 Wm
filaroid nematodes, humans, 4 cases of subcutaneous granulomatous pseudo-tumors, clinical aspects
- Granuloma
Chensue SW; Boros DL; David CS
1980 J Exper Med 151 (6) June 1 1398-1412 Wa
Schistosoma mansoni, mice, regulation of granulomatous inflammation, in vitro characterization of T lymphocyte subsets involved in production and suppression of migration inhibition factor
- Granuloma
Chensue SW; Wellhausen SR; Boros DL
1981 J Immunol 127 (1) July 363-367 Wm
Schistosoma mansoni-infected mice, participation of Ly 1⁺ and Ly 2⁺ T lymphocytes in suppression of granuloma formation and lymphokine production
- Granuloma
Colin M et al
1980 Ann Dermat et Venereol 107 (8-9) Aug-Sept 759-767 Wm
Schistosoma mansoni, S. haematobium, humans, cutaneous localization, granulomatous papular lesions containing eggs, diagnosis by lesion biopsy and immunofluorescence: endemic areas of Ivory Coast
- Granuloma
Colley DG
1981 J Immunol 126 (4) Apr 1465-1468 Wm
Schistosoma mansoni, mice, T lymphocytes that contribute to immunoregulation of granuloma formation in chronic infection
- Granuloma
Colley DG; Freeman GL jr
1980 Am J Trop Med and Hyg 29 (6) Nov 1279-1285 Wa
Schistosoma mansoni in CBA/J vs. C57BL/6 mice, differences in adult worm burden requirements for establishment of resistance to reinfection, differences in size of egg-induced hepatic granulomas
- Granuloma
Dei-Cas E et al
1979 J Gynec Obst et Biol Reprod 8 (5) July-Aug 429-430 Wm
Enterobius vermicularis, woman, granuloma of left labia, case report, clinical discussion: Lille, France
- Granuloma
El-Hawey AM et al
1978 J Egypt Med Ass 61 (5-6) 433-448 Wm
S[chistosoma] mansoni, chronic infection in Swiss albino mice, intravenous inoculation of live bacillus Calmette Guerin (BCG) vaccine produced nonspecific stimulation of cellular immunity, immunoprotection against S. mansoni infection, and enhancement of healing of bilharzial hepatic granulomas
- Granuloma
Elias EA; van Wijk HB; Elias RA
1980 Trop and Geogr Med 32 (4) Dec 286-297 Wa
Schistosoma intercalatum-infected Syrian hamsters, pathologic changes in different internal organs, comparisons (pigment deposits, granulomas) with S. mansoni infection in same species
- Granuloma
Fanning MM et al
1981 J Infect Dis 144 (2) Aug 148-153 Wa
Schistosoma mansoni, course of infection studied in various inbred strains of mice (according to degree of portal hypertension, granuloma size, organomegaly), data indicate that immunopathology associated with parasitic infection in mice is influenced by genetic background of host and is dependent in part on cell-mediated immunity

Granuloma

Garb KS; Stavitsky AB; Mahmoud AAF
1981 J Immunol 127 (1) July 115-120 Wm
Schistosoma japonicum, mice, dynamics of anti-
gen- and mitogen-induced responses, in vitro
comparison between hepatic granulomas and
splenic cells, kinetics recall spontaneous
modulation of various clinical and pathologic
parameters in natural disease

Granuloma

Goldstein SM; Izaki S; Epstein WL
1979 Thromb Research 16 (5-6) 727-735 Wm
schistosomiasis-infected mice, inhibition of
plasminogen activator associated with chronic
granulomatous inflammation

Granuloma

Grozdev LJ et al
1979 Acta Chir Iugoslav 26 (2) 67-77 Wm
Ascaris lumbricoides, 3-year-old child, case
report, granulomatous peritonitis caused by
parasitic infection

Granuloma

Hara A; Fukuyama K; Epstein WL
1981 Exper and Molecular Path 35 (2) Oct 199-210
Wa
Schistosoma mansoni-infected mice, angiotensin-
converting enzyme and other enzymes in serum
and in granulomatous and nongranulomatous
regions of liver

Granuloma

Hood AT; Boros DL
1980 Am J Trop Med and Hyg 29 (4) July 586-591
Wa
Schistosoma mansoni, mice, effect of splenecto-
my on pathophysiology, humoral and cell-medi-
ated granulomatous responses, and liver fibro-
sis

Granuloma

Hsu SYL et al
1980 Ann Trop Med and Parasitol 74 (2) Apr
179-183 Wa
Schistosoma mansoni, histopathological sections
of liver and gallbladder from human case of
subacute infection reveal possible mode of
action of eosinophils as effector cells in
destruction of schistosome eggs in granulomas
in vivo

Granuloma

Iskander SG; Mahran M
1976 Ain Shams Med J 27 (2) Mar 205-211 Wm
pruritus vulvae, pathological aspects, in-
cludes information on child with associated
bilharzial granuloma

Granuloma

Joky A; Garin JP
1980 Ann Soc Belge Med Trop 60 (4) Dec 355-368
Wa
Schistosoma mansoni, liver histopathology and
granuloma formation studied in albino rats

Granuloma

Kaushik SP et al
1977 Am J Gastroenterol 68 (1) July 64-70 Wm
Entamoeba histolytica, guinea pigs, assessment
of immunologic role of hypersensitivity in
formation of amebic granulomas

Granuloma

Klei TR et al
1981 Acta Trop 38 (3) Sept 267-276 Wa
Brugia pahangi-infected Meriones unguiculatus,
specific hypo-responsive granulomatous tissue
reactions

Granuloma

Kojima Y et al
1981 Gastroenterol Japon 16 (2) 193-196 Wm
Trichuris trichiura, woman, case report, granu-
loma of ascending colon resulting from worm
penetration of intestine: Japan

Granuloma

Latimer RG
1975 Am Surg 41 (6) June 385-390 Wm
Entamoeba histolytica, humans, indications for
surgical intervention in acute fulminating
colitis or in ameboma formation

Granuloma

Laverdant C et al
1980 Med Trop 40 (3) May-June 251-258 Wm
Schistosoma spp., epidemic in young military
personnel, retrospective study of pathology,
clinical aspects, diagnostic procedures,
therapy: Tchad

Granuloma

Loria-Cortes R; Lobo-Sanahuja JF
1980 Am J Trop Med and Hyg 29 (4) July 538-544
Wa
Angiostrongylus costaricensis, 116 children
with intestinal eosinophilic granuloma, preva-
lence, host age and sex, monthly distribution,
clinical and laboratory findings, radiology,
surgical treatment, location of lesions, macro-
scopic and microscopic changes, medical treat-
ment, evolution of disease: Costa Rica

Granuloma

Magalhaes LA; de Alcantara FG; de Carvalho JF
1979 Rev Saude Pub S Paulo 13 (4) Dec 326-334
Wm
Schistosoma mansoni, BH and SJ strains in mice,
distribution and number of granulomas in body
organs compared

Granuloma

van Marck EAE et al
1980 Experientia 36 (9) Sept 15 1116-1118 Wa
Schistosoma mansoni, mice, experimental model
for studies of pathogenesis of portal fibrosis
using implantation of sepharose beads loaded or
not with soluble egg antigen, preliminary col-
lagen tissue immunotyping

Granuloma

Megalhaes A
1980 Rev Hosp Clin S Paulo 35 (3) June 94-98 Wm
polyps of the human large intestine, including
schistosomal granulomas, correlations between
500 autopsy findings and 776 radiological
examinations

Granuloma

Merrill JR et al
1980 J Am Med Ass 243 (10) Mar 14 1066-1068 Wa
Dirofilaria immitis, human pulmonary lesions
with granuloma formation, probable increasing
incidence, differential diagnostic problems,
need for increased diagnostic awareness:
United States

- Granuloma
Meyniel D et al
1981 Semaine Hop Paris 57 (1-2) Jan 8-15 30-33 Wm
granulomas of the liver, humans, clinical and pathological study of 55 cases, includes information on schistosomiasis and toxoplasmosis
- Granuloma
Mineura K et al
1981 No Shinkei Geka (Neurol Surg) 9 (2) Feb 175-178 Wm
Sparganum mansoni, Korean woman, live intracranial worm surgically removed from brain, granulomatous lesions seen by brain scan and computed tomography
- Granuloma
Mitchell GF et al
1981 Internat J Parasitol 11 (4) Aug 267-276 Wa
Schistosoma japonicum, susceptibility of mice of various strains, infection characteristics, radioisotopic lung assay for granuloma formation, anti-egg circumoval precipitin responses
- Granuloma
Olds GR; Mahmoud AAF
1980 J Clin Invest 66 (6) Dec 1191-1199 Wa
Schistosoma mansoni, mice, eosinophil-mediated destruction of schistosome eggs within host granulomatous response
- Granuloma
Olds GR; Mahmoud AAF
1981 Cellular Immunol 60 (2) May 15 251-260 Wa
Schistosoma japonicum, mice sensitized with subcutaneous injection of eggs prior to intravenous challenge with eggs, kinetics and mechanisms of pulmonary granuloma formation, evidence suggests major role for cell-mediated immunity
- Granuloma
Pepys MB et al
1980 Immunology 39 (2) Feb 249-254 Wa
Schistosoma mansoni, mice, effect of T-cell deprivation on formation of hepatic granulomata and serum levels of acute phase proteins (C3 and serum amyloid P-component)
- Granuloma
Phillips SM et al
1980 Am J Trop Med and Hyg 29 (5 pt 1) Sept 820-831 Wa
Schistosoma mansoni, studies in athymic mice integrated with in vitro studies on granuloma formation, results indicate that resistance, granulomatous hypersensitivity and its modulation, and morbidity are contingent on thymus-dependent lymphocyte function
- Granuloma
Salman SK; Brown PJ
1980 J Comp Path 90 (3) July 447-455 Wa
Nippostrongylus brasiliensis, active or inactive larvae injected subcutaneously or intravenously to uninfected or immune rats, lung pathology, granuloma formation in immune animals, changes in numbers of mast cells and eosinophils
- Granuloma
Seifert HW
1978 Ztschr Hautkrankh 53 (15) Aug 1 540-542 Wm
Demodex folliculorum, child, causing solitary tuberculoid granuloma on face, case report
- Granuloma
Vincent AL et al
1980 J Parasitol 66 (4) Aug 613-620 Wa
Brugia pahangi, chronologic development of vascular and perivascular lymphatic lesions in genital lymphatics of infected male Meriones unguiculatus
- Granuloma
Weinstock JV et al
1981 J Clin Invest 67 (4) Apr 931-936 Wa
Schistosoma mansoni-infected mice, SQ 14225 (inhibitor of angiotensin I-converting enzyme (AEC)) can partially inhibit granulomatous response to schistosome eggs and pathological manifestations of schistosomiasis, possibility that ACE has inflammatory role in granulomatous inflammation
- Granuloma
Willms K; Merchant MT
1980 Parasite Immunol 2 (4) Winter 261-275 Wa
Taenia solium larvae (Cysticercus cellulosae) in pig muscle surrounded by inflammatory reaction with general characteristics of chronic granuloma, ultrastructural and light microscopic observations, indications that this is an immunological reaction
- Granuloma
Wyler DJ et al
1981 J Infect Dis 144 (3) Sept 254-262 Wa
Schistosoma mansoni, in vitro model, metabolic interactions between egg granuloma soluble products and fibroblasts, influence on pathogenesis of hepatic fibrosis, implications also for S. japonicum producing granulomas
- Granuloma
Zahner H; Geyer E; Rudolph R
1980 Zentralbl Vet Med Reihe B 27 (1) 36-46 Wa
Capillaria hepatica in Mastomys natalensis (exper.), granuloma formation around eggs in lung capillaries following intravenous injection of eggs in pre-sensitized vs. non-infected animals, degree of cellular reactions dependent upon stage of existing infection
- Granuloma
Zahner H; Rudolph R
1980 Zentralbl Vet Med Reihe B 27 (2) 85-101 Wa
Capillaria hepatica, embryonated eggs vs. embryonated, x-irradiated eggs, Mastomys natalensis (exper.), histopathology of liver and spleen, organ weight changes, role of eggs in granuloma formation
- Great Britain, Scotland
McColm AA; Hutchison WM
1980 J Helminth 54 (4) Dec 255-257 Wa
intestinal helminths in stray domestic cats, prevalence, intensity, localization in small intestine, prevalence of double infections: central Scotland
- Grooming See Behavior

Growth [See also Culture; Development; Reproduction]

Growth, Host

Armstrong E
1980 Ztschr Parasitenk 63 (2) 145-150 Wa
Nosema whitei in Tribolium castaneum (exper.), effects of crowding on host mortality and cannibalism, pupation and adult emergence, weight changes, and infection levels

Growth, Host

Borgsteede FHM
1980 Tijdschr Diergeneesk 105 (18) Sept 15 758-763 Wa
Ostertagia ostertagi, calves kept on contaminated pastures, pattern of infestation, seasonal distribution, correlation between serum pepsinogen level and loss of weight: Netherlands

Growth, Host

Boyce NP
1979 Canad J Zool 57 (3) Mar 597-602 Wa
Eubothrium salvelini-infected Oncorhynchus nerka (exper.), deleterious effect on growth, survival, and swimming performance of fish

Growth, Host

Chernin J
1981 J Helminth 55 (3) Sept 209-222 Wa
Taenia crassiceps in males and females of several different strains of rats, host growth curves, volume, antigenicity, and size of metacystodes

Growth, Host

Chick BF; Coverdale OR; Jackson ARB
1980 Austral Vet J 56 (12) Dec 588-592 Wa
Fasciola hepatica, beef cattle, three levels of infection, effect on growth: New South Wales

Growth, Host

Costa JS et al
1980 Rev Inst Med Trop S Paulo 22 (5) Sept-Oct 246-260 Wm
Schistosoma mansoni-infected mice, growth, blood picture, histology of glands and reproductive organs, effect of splenectomy

Growth, Host

Crompton DWT et al
1981 Internat J Parasitol 11 (6) Dec 457-461 Wa
Moniliformis dubius-infected male and female rats fed on diets containing growth-limiting amounts of fructose, food intake, weight gain, and blood sugar; numbers, sex ratio, dry weight, and location of parasites in small intestine of hosts; results can be interpreted to suggest competition for dietary fructose between parasite and host

Growth, Host

Daddow KN
1979 Austral Vet J 55 (9) Sept 433-434 Wa
Eperythrozoon ovis, lambs (exper.), anemia, reduced wool production and weight gains, decreased exercise tolerance

Growth, Host

Drummond JC et al
1981 Am J Vet Research 42 (6) June 969-974 Wa
Ascaris suum, pigs (exper.), effects of exposure to atmospheric ammonia on productive performance and respiratory tract health, mathematical models

Growth, Host

Foreyt WJ; Parish SM; Foreyt KM
1981 Am J Vet Research 42 (1) Jan 57-60 Wa
Eimeria spp., lambs, lasalocid-medicated feed, improved weight gains and infection control

Growth, Host

Foreyt WJ; Todd AC
1979 J Wildlife Dis 15 (1) Jan 83-89 Wa
Fascioloides magna in Odocoileus virginianus (exper.), hematologic and biochemical values, weight gains

Growth, Host

Forsum E; Nesheim MC; Crompton DWT
1981 Parasitology 83 (3) Dec 497-512 Wa
Ascaris suum, young pigs receiving diets low in protein, effects of infection on growth, food intake, nitrogen and fat utilization, intestinal disaccharidase activity, lactose tolerance, and weight of intestinal tract

Growth, Host

Gaevskaia AV; Nigmatullin ChM
1981 Biol Nauki Min Vyssh i Sredn Spetsial Obrazovan SSSR (205) (1) 52-57 Wa
helminths of Sthenoteuthis pteropus, intensity and extensiveness of infection, synchronization of trophic and parasitological relationships of host, role of host in helminth developmental cycles: tropical Atlantic

Growth, Host

Ghareeb AM et al
1975 Ain Shams Med J 26 (1) Jan 81-89 Wm
Schistosoma mansoni, hormonal and enzyme changes occurring with hepatosplenic involvement, possible effects on host growth and development, golden hamster used as exper. model for human infections

Growth, Host

Gibson TE; Whitehead JD
1981 Brit Vet J 137 (2) Mar-Apr 192-195 Wa
Ostertagia circumcincta, lambs under continuous infection, changes in worm burden, resistance developed rapidly under these conditions, importance of controlling worm burdens to achieve rapid weight gain

Growth, Host

Gray SJ; Kennedy JP
1981 Austral J Exper Agric and Animal Husb (109) 21 Apr 179-182 Wa
gastro-intestinal parasites, drenched and undrenched sheep, host survival, wool growth, liveweight gain, and change in parasite burden throughout year in an arid environment: New South Wales

Growth, Host

Gruner L et al
1980 Ann Recherches Vet 11 (2) 133-140 Wa
gastro-intestinal nematodes, seasonal distribution in sheep and on pastures, influence of meteorological conditions upon infective larval populations on pastures, host growth: Western central region of France

Growth, Host

Grzywinski L; Poznanski W
1981 Med Wet 37 (1) Jan 15-16 Wa
Oesophagostomum dentatum, pigs given thiabendazole at various ages, differences in body weight gains

- Growth, Host
Hale OM et al
1981 J Animal Sc 52 (2) 316-322 Wa
Oesophagostomum quadrispinulatum, *O. dentatum*, pigs (exper.), effect of different levels of infection on weight gain, digestion, and absorption of nutrients
- Growth, Host
Haller L; Lauber E
1980 Acta Trop 37 (4) Suppl 11 Dec 63-73 Wa
parasites in school children, influence on growth: Ivory Coast
- Growth, Host
Henry FJ
1981 Tr Roy Soc Trop Med and Hyg 75 (4) 507-513 Wa
children studied with regard to anthropometry, intestinal helminths (*Ascaris* and *Trichuris*), diarrhoea and other illnesses, findings related to different levels of sanitation and water supplies, possibility of malnutrition being secondary to illness rather than primary: St. Lucia, West Indies
- Growth, Host
Horton GMJ; Stockdale PHG
1981 Canad Vet J 22 (6) June 175-178 Wa
Eimeria spp., early weaned lambs fed different levels of monensin, effect on performance, oocyst discharge, and rumen metabolism
- Growth, Host
Hubert J; Kerboeuf D; Gruener L
1979 Ann Recherches Vet 10 (4) 503-518 Wa
gastrointestinal nematodes, sheep, monthly prevalence, thiabendazole-treated vs. non-treated groups, host growth, parasite counts, coproscopical examination, plasma pepsinogen levels: North Limousin area, France
- Growth, Host
Ilemobade AA; Balogun TF
1981 Trop Animal Health and Prod 13 (3) Aug 128-136 Wa
Trypanosoma brucei, *T. congolense*, *T. simiae*, pigs (exper.), effects of infection on feed intake, liveweight gain, and carcass traits
- Growth, Host
Jimenez Albarran M
1979 Rev Iber Parasitol 39 (1-4) Jan-Dec 95-105 Wa
Fasciola hepatica miracidia, influence on growth of *Lymnaea truncatula*, castration also observed
- Growth, Host
Kirkwood AC
1980 Vet Rec 107 (20) Nov 15 469-470 Wa
Psoroptes ovis, sheep (exper.), effect on body-weight and wool loss
- Growth, Host
Knight R; Merrett TG
1981 Ann Trop Med and Parasitol 75 (3) June 299-314 Wa
Necator americanus, human, prevalence and intensity by age and sex, seasonal changes, morbidity (asthma, growth parameters, haemoglobin), total IgE levels, other parasites: The Gambia
- Growth, Host
Kuris AM
1980 Internat J Parasitol 10 (4) Aug 303-308 Wa
Echinostoma liei, effect of exposure to miracidia on growth and survival of young (1-2mm) vs. 4-6mm *Biomphalaria glabrata*, implications for use of *E. liei* for biological control of *Schistosoma mansoni* and its intermediate host
- Growth, Host
Loker ES
1979 J Invert Path 34 (2) Sept 138-144 Wa
Schistosomatium douthitti-infected *Lymnaea catascopium*, growth, survival, and reproduction of host
- Growth, Host
Mohamed AM; Ishak MM
1981 Hydrobiologia 76 (1-2) Jan 5 17-21 Wa
Schistosoma mansoni-infected and normal *Biomphalaria alexandrina*, growth rate, glycogen content of different body parts, glucose utilization
- Growth, Host
Norton CC; Joyner LP
1980 Parasitology 81 (2) Oct 315-323 Wa
Eimeria mivati (including isolate thought at first to be *E. mitis*), *E. acervulina*, differentiation on basis of cross-immunity studies and pathogenicity (changes in body weight and oocyst output, distribution in intestine, density of parasites, analysis of villus height and mucosal thickness)
- Growth, Host
Odening K
1979 Ang Parasitol 20 (4) Nov 185-192 Wa
Spirometra, effects of 'sparganum growth factor' on rodents using 'mansonoides' vs. 'non-mansonoides' forms
- Growth, Host
O'Kelly JC
1980 Vet Parasitol 6 (4) Mar 381-390 Wa
effects of natural parasitic infestations (treated and untreated) on body growth and blood composition of 3 breeds of cattle grazing in a tropical environment: Belmont, Australia
- Growth, Host
Poelvoorde J; Berghen P
1981 Research Vet Sc 31 (1) July 10-13 Wa
Oesophagostomum dentatum, repeated daily mass infection in pigs fed limited ration, severe diarrhoea and anorexia, average body-weights, blood and plasma analyses, histopathology of ileum, colon, and caecum, number of larvae in incubated and digested tissue and total number of larvae in intestinal lumen
- Growth, Host
Prosl H et al
1980 Wien Tierarztl Monatsschr 67 (1) Jan 14-19 Wa
nematodes, pigs, single and mixed infections, infection rates by breed and sex of host, influence of infection on slaughtering and fattening performance: Wien
- Growth, Host
Rao KH; Shyamsunderi K
1974 Indian J Helminth 24 (1-2) Mar-Sept 1972 40-46 Issued Sept 1 Wa
strigeid metacercaria, effect on weight and behavior of *Catla catla*: Andhra State fishery nursery pond, Samalkot, India

- Growth, Host
Reaka ML
1978 *Veliger* 21 (2) Oct 1 251-254 Wm
Caledoniella montrouzieri on *Gonodactylus viridis*, parasitism increased molting intervals and lowered molting rate but had no effect on host growth per molt, oviposition was completely inhibited: Phuket, Thailand
- Growth, Host
Romaniuk K; Olejnik T; Ulanowski M
1981 *Med Wet* 37 (1) Jan 12-14 Wa
Oesophagostomum dentatum, influence on fertilization of sows and body weight gains of piglets
- Growth, Host
Schmidt SP; Platzer EG
1980 *J Invert Path* 36 (2) Sept 240-254 Wa
Romanomeris culicivora in *Culex pipiens* (exper.), histopathology, changes in fat body tissue, imaginal disc development, growth, and in hemolymph carbohydrates, amino acids, and proteins
- Growth, Host
Sharp PT; Harvey P
1980 *Papua N Guinea Med J* 23 (3) Sept 132-140 Wm
Plasmodium falciparum and *P. vivax*, contributing factor to stunting of growth (expression of malnutrition) in young children, suggested prophylactic and/or control measures: Highlands Valley, Papua New Guinea
- Growth, Host
Sluiters JF; Brussaard-Wuest CM; Meuleman EA
1980 *Ztschr Parasitenk* 63 (1) 13-26 Wa
Trichobilharzia in *Lymnaea stagnalis* (exper.), effect of miracidial dose on infection rate, length of prepatent period, production of cercariae, snail growth and ovipository activity, and weights of snail accessory sex organs
- Growth, Host
Smith SB; Gibbs HC
1981 *Am J Vet Research* 42 (6) June 1065-1072 Wa
naturally acquired mixed helminth parasitism in treated vs. untreated yearling dairy calves, in face of constant pasture challenge exposure most adult worms were eliminated from treated animals but adverse effects of parasitism were not reversed
- Growth, Host
Steel JW; Symons LEA; Jones WO
1980 *Austral J Agric Research* 31 (4) July 821-838 Wa
Trichostrongylus colubriformis-infected lambs, interrelationships between level of exposure to worms, production loss (liveweight gain, wool growth), and host physiological and metabolic changes associated with disease development
- Growth, Host
Stephenson LS
1980 *Parasitology* 81 (1) Aug 221-233 Wa
Ascaris lumbricoides, contribution to malnutrition in children, review with recommendations for further research and for control of ascariasis
- Growth, Host
Stephenson LS et al
1980 *Exper Parasitol* 49 (1) Feb 15-25 Wa
Ascaris suum-infected young pigs, nutrient (protein and fat) absorption, growth, and intestinal pathology
- Growth, Host
Stephenson LS et al
1980 *Am J Clin Nutrition* 33 (5) May 1165-1172 Wa
Ascaris lumbricoides-infected pre-school children, even light infections may adversely influence nutritional status and deworming may enhance growth: Kenya
- Growth, Host
Stpiczynska R
1979 *Polskie Arch Hydrobiol* 26 (4) 515-528 Wa
Fasciola hepatica, pathophysiology in *Lymnaea tomentosa*, host activity and growth
- Growth, Host
Sykes AR; Coop RL; Rushton B
1980 *Research Vet Sc* 28 (1) Jan 63-70 Wa
Fasciola hepatica, sheep (exper.), chronic subclinical infection, effects on food intake, food utilisation and blood constituents
- Growth, Host
Symons LEA; Steel JW; Jones WO
1981 *Austral J Agric Research* 32 (1) 139-148 Wa
Ostertagia circumcincta, lambs (exper.), effects of level of larval intake on productivity and physiological and metabolic responses
- Growth, Host
Turk DE
1981 *Poultry Science* 60 (2) Feb 323-326 Wa
Eimeria spp., chickens (exper.), effect of infection on host growth and intestinal absorption of iron
- Growth, Host
Tzipori S et al
1981 *Am J Vet Research* 42 (8) Aug 1400-1404 Wa
Cryptosporidium, calves (exper.), (small and large intestines), diarrhea, histopathology, relationship between age at inoculation, incubation period, and clinical signs of infection
- Growth, Host
Vasil'ev AA
1963 *Trudy Vsesoiuz Inst Gel'mint* 10 119-126 Wa
Fasciola hepatica, calves (exper.) untreated and treated with carbon tetrachloride, effect of early stages on host growth and development
- Growth, Host
Willis GM; Baker DH
1981 *J Nutrition* 111 (7) 1157-1163 Wa
Eimeria acervulina-infected chicks (exper.) fed diets deficient in amino acid had increased rate and efficiency of weight gain while those fed adequate diets had expected severe growth depression, response resulted from parasitic infection per se and not from components of inoculum
- Growth, Host
Wilson RA; Denison J
1980 *Ztschr Parasitenk* 61 (2) 109-119 Wa
Fasciola hepatica-infected *Lymnaea truncatula* (exper.), parasitic castration and gigantism; no significant difference between survival of infected vs. control snails

Growth, Host

Winton RG; Dineen JK; Kelly JD
1980 Internat J Parasitol 10 (1) Feb 65-73 Wa
Trichostrongylus colubriformis, lambs, vaccination with irradiated larvae, dissociation into 'responders' and 'non-responders': response to primary sequential challenge, response to rechallenge with single dose, correlation between haemoglobin type and faecal egg counts during primary and secondary challenge, effect of vaccination and challenge on liveweight gain and wool growth

Growth Host

Yvone P; Esnault A; Besnard J
1980 Rev Med Vet Toulouse 131 (3) Mar 237-245
Wa
lambs (exper.) infected with *Eimeria ninakohlyakimovae* alone or in combination with *Trichostrongylus colubriformis*, some lambs treated with thiabendazole-thiophanate, effect on host growth and food consumption, subclinical infection with coccidia developed after worm eradication which led to a slight decrease in growth

Growth, Host

Ziomko I
1980 Med Wet 36 (7) July 402-404 Wa
Ascaris suum, pigs (exper.), influence on body weight gains

Growth, Parasite

Ali-Khan Z; Siboo R
1980 Ztschr Parasitenk 62 (3) 241-254 Wa
Echinococcus multilocularis, growth of subcutaneous alveolar hydatid cyst in mice, histogenesis, semiquantitative analysis of inflammatory infiltrates and their relationship to cysts and brood capsules in early and chronic infections

Growth, Parasite

Amin OM; Redlin MJ
1980 System Parasitol 2 (1) Dec 9-20 Wa
Echinorhynchus salmonis in *Coregonus hoyi* and *Osmerus mordax*, worm sex and age and the host species (salmonid host vs. non-salmonid host) affected worm growth and morphological variability, anomalies; extreme variability in cement gland pattern and the implications for using this diagnostic character on the generic level

Growth, Parasite

Barnard DR
1981 Ann Entom Soc Am 74 (5) Sept 507-511 Wa
Amblyomma americanum, classification into 3 growth classes of female ticks feeding on bovines; density of nymphs, larvae, and adult male and female ticks parasitic on bovines vs. free-living on pasture in different months, concluded that CO₂ and drag samples of non-parasitic ticks did not accurately reflect levels of tick infestation on bovines: Oklahoma

Growth, Parasite

Beck JT
1980 Am Midland Naturalist 104 (1) July 135-154
Wa
Probopyrus pandalicola on *Palaemonetes paludosus*, breeding season, brood size (annual and seasonal variation, relationship to host length, independent of host sex), attachment and size development of male and female parasites, host and parasite population structure and longevity: Wakulla Co., Florida

Growth, Parasite

Brun R
1980 J Protozool 27 (1) Feb 122-128 Issued Apr 28
Wa
Trypanosoma brucei brucei, effect of hydroxyurea on growth, structure, and [³H]thymidine uptake of procyclic culture forms

Growth, Parasite

Burden CS; Ubelaker JE
1981 Exper Parasitol 51 (1) Feb 28-34 Wa
Schistosoma mansoni in mice vs. *S. haematobium* in hamsters, growth and maturation of bisexual and unisexual infections in relationship to copulation, egg shell protein formation, and oviposition, vitellogenesis evaluated with electron microscopy after diazonium salt staining and autofluorescence

Growth, Parasite

Chernin J
1981 J Helminth 55 (3) Sept 209-222 Wa
Taenia crassiceps in males and females of several different strains of rats, host growth curves, volume, antigenicity, and size of metacystodes

Growth, Parasite

Christie PR; Moqbel R
1980 J Helminth 54 (4) Dec 267-269 Wa
Hymenolepis diminuta, effect of high doses of gamma-irradiation on growth and survival

Growth, Parasite

Coadwell WJ; Ward PFV
1981 Parasitology 82 (2) Apr 257-261 Wa
Haemonchus contortus, development, composition, and maintenance of experimental populations in sheep: relation between worm body length, dry weight, and age, growth curves, variations in sex ratio for infections of different ages, rate of expulsion

Growth, Parasite

Crompton DWT et al
1981 Internat J Parasitol 11 (6) Dec 457-461 Wa
Moniliformis dubius-infected male and female rats fed on diets containing growth-limiting amounts of fructose, food intake, weight gain, and blood sugar; numbers, sex ratio, dry weight, and location of parasites in small intestine of hosts; results can be interpreted to suggest competition for dietary fructose between parasite and host

Growth, Parasite

Dumon H et al
1981 Compt Rend Soc Biol Paris 175 (1) 82-86 Wa
Leishmania infantum, canine strain, growth in continuous culture

Growth, Parasite

Dvorak JA; Hartman DL; Miles MA
[1981] J Protozool 27 (4) Nov 1980 472-474
Issued Mar 11 Wa
Trypanosoma cruzi, correlation of growth kinetics in vitro to zymodeme type in clones derived from various sources

Growth, Parasite

Eberhard ML; Orihel TC
1981 J Parasitol 67 (4) Aug 556-564 Wa
Loa loa in experimental primate hosts, development from infective to adult stage, morphology, differences in growth rate between sexes

- Growth, Parasite
Esteves MJG et al
1979 J Invert Path 34 (2) Sept 257-266 Wa
Herpetomonas samuelpessoai, effect of ultra-
violet and γ -radiations on cell growth and
plasma membrane
- Growth, Parasite
Fahy E
1980 J Fish Biol 16 (1) Jan 99-104 Wa
Eubothrium crassum in migratory *Salmo trutta*,
incidence, worm burden, worm length, host age:
off the Irish coast of Irish Sea
- Growth, Parasite
Fischthal JH; Fish BL; Vaught RS
1980 J Parasitol 66 (4) Aug 642-644 Wa
Metadena globosa, comparative allometric growth
in 3 species of Caribbean fishes: Belize
- Growth, Parasite
Fredericksen DW
1980 J Parasitol 66 (6) Dec 973-984 Issued May
6 1981 Wa
Cotylogaster occidentalis, development, Aspidog-
aster conchicola, growth of ventral adhesive
disc, light and scanning electron microscopy
- Growth, Parasite
Fried B; Fine RH; Felter BL
1980 Parasitology 81 (1) Aug 41-45 Wa
Leucochloridiomorpha constantiae, growth,
development, and pairing of metacercariae on
chorio-allantois of chick embryos cultivated
in vitro vs. worms grown in bursa of Fabricius
of domestic chicks
- Growth, Parasite
Fried B; Heyer BL; Pinski AK
1981 J Parasitol 67 (1) Feb 50-52 Wa
Amblosoma suwaense, cultivation in chick
embryos from free metacercaria to ovigerous
adult, development, growth
- Growth, Parasite
Gillin FD; Diamond LS
1980 Exper Parasitol 49 (3) June 328-338 Wa
Entamoeba histolytica, E. invadens, effects of
temperature and oxygen tension on growth and
survival in vitro
- Growth, Parasite
Helle E; Valtonen ET
1980 Canad J Zool 58 (2) Feb 298-305 Wa
Corynosoma strumosum, C. semerme, prevalence
and location in Pusa hispida botnica, sex
ratio, growth, and development of parasite:
Bothnian Bay, Finland
- Growth, Parasite
Insler GD; Roberts LS
1980 J Exper Zool 211 (1) Jan 45-54 Wa
Hymenolepis diminuta, rats, system for test-
ing possible crowding factors in vitro, worms
secreted substances inhibitory to growth of
other worms
- Growth, Parasite
Kemp DH; Bourne A
1980 Parasitology 80 (3) June 487-496 Wa
Boophilus microplus, effect of histamine and
other pharmacologically active chemicals on
attachment and growth of larvae
- Growth, Parasite
Kennedy CR; Burrough RJ
1981 J Fish Biol 19 (1) July 105-126 Wa
Ligula intestinalis in Rutilus rutilus, intro-
duction, establishment, and subsequent history
of parasite population: origin of infection;
distribution of infections in relation to size
and age of fish; seasonal and annual changes in
infection levels and within Ligula population
(prevalence and intensity of infection, growth
of parasite, index of parasitization, frequency
distribution): Slapton Ley, Devon, U.K.
- Growth, Parasite
Kondrashkova AN
1980 Biol Nauki Min Vyssh i Sredn Spetsial Obra-
zovan SSSR (200) (8) 48-54 Wa
Syngamus skrjabinomorpha, poultry (exper.),
postembryological development; statistical
methods used
- Growth, Parasite
Lawson JR; Wilson RA
1980 Parasitology 81 (2) Oct 325-336 Wa
Schistosoma mansoni, growth and respiration of
schistosomula during migration in mouse
- Growth, Parasite
Loehr KA; Mead RW
1980 J Parasitol 66 (5) Oct 792-796 Wa
Hymenolepis citelli, changes in embryonic cell
frequencies in germinative and immature
regions, correlation with changes in wet
weight (growth rate) and developmental stages
- Growth, Parasite
McClelland G
1980 Exper Parasitol 49 (2) Apr 175-187 Wa
Phocanema decipiens in Phoca vitulina and Hali-
choerus grypus (both nat. and exper.), parasite
growth, reproduction, survival (in sensitizing
and challenge infections), and sex ratio; para-
site incidence in free-living hosts varied
seasonally and with host age: Nova Scotia
- Growth, Parasite
Meyers TR; Millemann RE; Fustish CA
1980 J Parasitol 66 (2) Apr 274-281 Wa
Margaritifera margaritifera-infected Oncorhyn-
chus kisutch vs. O. tshawytscha, hematology,
infection intensities, parasite growth, histo-
pathology, in vitro tests (attachment to ex-
cised gills; survival in fish mucus and plas-
ma), serology
- Growth, Parasite
Mills CA
1980 Internat J Parasitol 10 (4) Aug 287-291
Wa
Transversotrema patialense on Brachydanio
rerio, (parasite) age- and density-dependent
growth, increase in occurrence of reproductive
abnormalities in old parasites
- Growth, Parasite
Miremá-Gassmann M
1981 Ann Parasitol 56 (4) 407-421 Wa
Moniliformis moniliformis, rats, infection and
re-infection, worm expulsion, worm growth, worm
localization/migration in host intestine, dif-
ferences between male and female worms
- Growth, Parasite
Mondet B et al
1980 Cahiers ORSTOM s Entom Med et Parasitol
18 (1) 49-57 Wa
Gastromermis sp., Isomermis lairdi in Simuli-
um damnosum, growth and sex-ratio of para-
sites: Mali

Growth, Parasite

Nathan MB

1981 Bull Entom Research 71 (1) Mar 97-105 Wa
Mansonella ozzardi in *Culicoides phlebotomus*
 (nat. and exper.), parasite growth rates, host
 daily survival rates and gonotrophic cycle,
 probable role as major vector in study area;
Leptoconops bequaerti also experimentally in-
 fected: coastal north Trinidad

Growth, Parasite

Nathan MB

1981 Tr Roy Soc Trop Med and Hyg 75 (5) 721-730
 Wa

Culex quinquefasciatus, seasonal abundance,
 biting activity, physiological age composition
 of populations, daily survival rates, *Wuchereria*
bancrofti infection and infectivity rates,
 correlation between physiological age and *W.*
bancrofti development, growth of *W. bancrofti*
 in experimental infections; infective larva of
W. bancrofti also found in one *Anopheles*
aquasalis: North Trinidad, West Indies

Growth, Parasite

Novak M; Collins M; Evans WS

1980 Ztschr Parasitenk 61 (3) 243-247 Wa
Hymenolepis microstoma, growth in intact,
 gonadectomized, and sham-operated mice (ex-
 per.), sex of host, found that gonads of male
 hosts do not affect worm growth until 12th
 day post-infection

Growth, Parasite

Panfilova IM

1980 Zool Zhurnal 59 (8) Aug 1137-1147 Wa
Ixodes persulcatus, feeding females, inhibition
 of growth and oogenesis related to absence of
 fertilization, disturbances in activity of syn-
 ganglion neurosecretory cells and lateral
 organs, dynamics of activity of different ele-
 ments of neuro-endocrine system compared in
 feeding non-fertilized and fertilized females
 (these changes in non-fertilized females con-
 sidered an adaptation to long wait for fertili-
 zation)

Growth, Parasite

Parmeter SN; Death DD; Twaalfhoven H

1981 Research Vet Sc 30 (2) Mar 257-259 Wa
Taenia hydatigena, dogs infected with 1, 5, 10,
 20, or 40 cysticerci, worm sizes, weights, num-
 bers, relative numbers of pre-gravid and gravid
 proglottids

Growth, Parasite

Parshad VR; Crompton DWT; Nesheim MC

1980 Proc Roy Soc London s B Biol Sc (1175) 209
 Aug 13 299-315 Wa
Moniliformis in rats fed on various monosac-
 charides and disaccharides, parasite growth,
 reproductive activity, and distribution in host
 intestine

Growth, Parasite

Pfefferkorn ER; Pfefferkorn LC

1981 Exper Parasitol 52 (1) Aug 129-136 Wa
Toxoplasma gondii, growth in absence of host
 cell protein synthesis

Growth, Parasite

Pike AW; Chappell LH

1981 Exper Parasitol 51 (1) Feb 35-41 Wa
Hymenolepis diminuta, worm loss and worm
 weight loss in long-term 1-, 2-, 5-, or
 50-worm infections of the rat

Growth, Parasite

de Sa MFG et al

1980 J Protozool 27 (3) Aug 253-257 Issued Oct 9
 Wa

Crithidia brasiliensis sp. n. from *Zelus* sp.
 (alimentary tract contents), isolation and
 cloning, growth pattern, morphology, biochemi-
 cal analyses (isoenzyme pattern, histone pat-
 tern, cleavage of kDNA with restriction endo-
 nucleases): Brasilia, Distrito Federal, Brazil

Growth, Parasite

Samuelson JC; Caulfield JP; David JR

1980 Exper Parasitol 50 (3) Dec 369-383 Wa
Schistosoma mansoni schistosomula grown in
 vitro and in mice, post-transformational
 changes: gross surface changes (including
 calculations of length, width, volume, and sur-
 face area), changes in specialized surface
 structures, changes in internal structures,
 limits of culture conditions

Growth, Parasite

Semprevivo LH; Yusuf JN; Honigberg BM

1981 Ztschr Parasitenk 65 (1) 43-51 Wa
Leishmania donovani, 2 substrains, changes in
 growth rates of promastigotes and amastigotes
 as well as in infectivity of promastigotes
 during course of cultivation, animal passages,
 and heat adaptation

Growth, Parasite

Sneller VP; Dadd RH

1981 Exper Parasitol 51 (3) June 335-340 Wa
Brugia pahangi, growth and development im-
 provement with lecithin in diet of axenically
 reared hosts, *Aedes aegypti*

Growth, Parasite

Walzer PD et al

1980 Infect and Immun 27 (3) Mar 928-937 Wa
Pneumocystis carinii infection in rats admin-
 istered corticosteroids and low-protein diet,
 clinical course, parasite growth characteris-
 tics, quantitation of cysts, correlation with
 histopathology, long-term effects in host after
 steroid dose has been tapered

Growth, Parasite

Weik SMK; Weik RR; John DT

1980 Proc Helminth Soc Washington 47 (2) July
 270-272 Issued Aug 25 Wa
Naegleria fowleri, *N. gruberi*, effect of
 inoculum size and pH on growth in vitro

Growth, Parasite

Williams CS

1967 J Nat Hist 1 (2) Apr-June 299-301 Wa
Mytilicola intestinalis in *Mytilus edulis*,
 low infection rate in young mussels, female
 parasites significantly smaller in size in
 young mussels than in adult mussels: Whitsta-
 ble, Kent

Growth, Parasite

Xu J; Xinfu L; Xi Y

1980 Tung Wu Hsueh Pao (Acta Zool Sinica) 26
 (1) Mar 61-70 Wa
Brugia malayi, periodic development in *Meri-
 ones unguiculatus* (exper.) (peritoneal cavity,
 testes, lymph nodes, heart, lungs, blood of
 orbital sinus), growth curve

Guiana, French See French Guiana

Growth, Parasite

Yoshimura K et al

1980 Exper Parasitol 49 (3) June 339-352 Wa
Angiostrongylus cantonensis raised in permis-
sive or nonpermissive hosts, pulmonary arterial
transfers into permissive or nonpermissive
hosts, subsequent survival, growth, and egg-
laying capacity, histopathology, antibody pro-
duction

Growth, Parasite

Ziegler I et al

1981 J Protozool 28 (3) Aug 354-357 Wa
Crithidia fasciculata cultures, adaptive use of
N²-dimethyl-substituted pterins as growth fac-
tors under conditions of limiting bioppterin

Hatching

Ansari MZ; Singh KS
1981 Indian J Animal Sc 51 (4) Apr 459-465 Wa
Gaigeria pachyscelis, goats, sheep, monthly incidence and intensity of infection, effect of temperature and relative humidity on embryonic development and hatching of eggs and on formation of pre-parasitic larval stages: abattoir of Bareilly, India

Hatching

Berman EL; Carter HW; Brodtkin R
1980 Scan Electron Micro (3) 517-522 Wa
Pthirus pubis, structure of eggs, hatching mechanism, light and scanning microscopy

Hatching

Bhatia VN; Warhurst DC
1981 J Trop Med and Hyg 84 (1) Feb 45 Wa
Giardia intestinalis, hatching and subsequent cultivation in Diamond's medium

Hatching

Bundy DAP
1981 Parasitology 83 (1) Aug 13-22 Wa
Transversotrema patialense, temporal distribution of hatching of embryonated eggs under different temperature and illumination regimens, results suggest that timing of hatching is under endogenous control and is functionally related to circadian rhythm of behavior of intermediate host mollusc

Hatching

Carney WP
1970 Tr Am Micro Soc 89 (2) Apr 233-250 Issued Aug 19 Wa
Brachylecithum mosquensis, natural and experimental infections in avian, molluscan, and insect hosts, laboratory life cycle and development, in vitro egg hatching and metacercariae excystment, description of egg and larval stages, host specificity, foci of transmission: Missoula vicinity, Montana

Hatching

Chmela J
1969 Folia Parasitol 16 (4) 313-319 Wa
Ixodes ricinus, time intervals between hatching, metamorphosis, and diapause of different stages over 3-year period, seasonal occurrence: Olomouc region, Moravia

Hatching

Christensen NO; Frandsen F; Roushdy MZ
1980 Ztschr Parasitenk 64 (1) 47-63 Wa
Echinostoma liei, influence of various physico-chemical environmental conditions on egg hatchability; miracidial host-finding capacity and level of parasitisation in *Biomphalaria glabrata*, susceptibility of different snails to infection, cercarial and metacercarial infectivity in relation to some first and second intermediate host-related factors, cercarial shedding, metacercarial longevity

Hatching

Clarke AJ; Perry RN
1980 Parasitology 80 (3) June 447-456 Wa
Ascaris suum, egg-shell permeability and hatching

Hatching

Cone DK
1979 Canad J Zool 57 (4) Apr 833-837 Wa
Urocleidus adspectus, hatching of oncomiracidia

Hatching

Cook IM; Spain AV
1981 Austral J Zool 29 (1) 7-14 Wa
Haematobia irritans exigua, immature stages, rates of development in relation to temperature and dung moisture levels, female pupae developed more rapidly than male pupae at all temperatures

Hatching

Guidry EV; Dronen NO jr
1980 J Parasitol 66 (4) Aug 686-688 Wa
Kiricephalus coarctatus, hatching, larval migration, development, and locomotion

Hatching

Harrahan SA
1979 Proc Electron Microsc Soc South Africa 9 105-106 Wa
Malameba locustae, hatching of cysts, electron microscopy

Hatching

Koch HG; Dunn JC
1980 Southwest Entom 5 (3) Sept 169-174 Wa
Amblyomma americanum, oviposition, egg hatch, and larval survival at different temperatures and humidities

Hatching

Maske DK; Ruprah NS
1981 Indian J Animal Sc 51 (5) May 563-564 Wa
Psoroptes communis var. *Bos bubalis* (*Psoroptes natalensis*), in vitro survival of different stages and hatchability of eggs at various temperatures and relative humidities

Hatching

Oaks JA; Kayes SG
[1980] J Parasitol 65 (6) Dec 1979 969-970 Issued Apr 2 Wa
Toxocara canis, method for artificial hatching and culture of second stage larvae, immunological applications

Hatching

Perry RN; Clarke AJ
1981 Parasitology 83 (2) Oct 435-449 Wa
nematodes, hatching mechanisms, review

Hatching

Rogers WP
1980 Comp Biochem and Physiol 66A (4) 631-635 Wa
Haemonchus contortus, insect juvenile hormone, action on hatching of eggs, role in development of infective and non-infective stages

Hatching

Siuda K
1981 Folia Biol Warszawa 29 (1) 9-39 Wa
Argas polonicus, effect of temperature and relative humidity on embryonic development and egg hatch, laboratory study

Hatching

Thurston JP
1968 J Zool London 154 (4) Apr 475-480 Wa
Oculotrema hippopotami from *Hippopotamus amphibius* (eye), description and development of eggs and larvae: Western Uganda

Hatching

- Young RR et al
1980 Parasitology 81 (3) Dec 477-491 Wa
Ostertagia circumcincta, effect of temperature on times to hatching of eggs, mathematical methods

Hawaii See United States, Hawaii

Heart [See also Cardiovascular system]

Heart

- Abdel-Fattah MM et al
1978 Am Heart J 95 (2) Feb 141-145 Wm
bilharzial cor pulmonale, humans, mechanisms of pulmonary hypertension and arterial hypoxemia

Heart

- Andrade SG; Andrade ZA; Sadigursky M
1980 Am J Trop Med and Hyg 29 (5 pt 1) Sept 766-773 Wa
Trypanosoma cruzi, dogs (exper.), effects of combined treatment with nifurtimox + betamethasone evaluated clinically, electrocardiographically, and histologically, abolished both infection and associated inflammation

Heart

- Andrade ZA et al
1978 Am Heart J 95 (3) Mar 316-324 Wm
Chagas' disease, humans, acute and chronic myocarditis, histopathology of conducting tissue

Heart

- Andrade ZA et al
1980 Arq Brasil Cardiol 35 (6) Dec 485-490 Wm
Trypanosoma cruzi, acute Chagas cardiomyopathy studied in dogs, distribution and progression of cardiac lesions monitored by electrocardiogram

Heart

- Andy JJ et al
1981 Acta Trop 38 (2) June 179-186 Wa
Loa loa as possible trigger of African endomyocardial fibrosis, case report in boy from Nigeria

Heart

- Arribada A et al
1979 Rev Med Chile 107 (1) Jan 9-15 Wm
Chagas disease, epidemiologic and electrocardiographic survey of individuals of 7 villages for evidence of cardiomyopathy, comparisons by age and sex; concurrent survey for toxoplasmic infections: Elqui Valley, northern Chile

Heart

- Arribada A; Roman O
1975 Rev Med Chile 103 (3) Mar 189-194 Wm
Toxoplasma gondii, Chagas disease, human cardiomyopathy, patient follow-up study ranging from 3 months to 14 years, clinical aspects, pathology

Heart

- Bratberg B; Landsverk T
1980 Acta Vet Scand 21 (3) 395-401 Wa
Sarcocystis spp., cattle, incidence of myocardial infection and myocardial pathological changes: abattoir, Oslo, Norway

Heart

- Charles D et al
1980 Med Trop 40 (3) May-June 271-279 Wm
Schistosoma spp., humans, cardiac involvement, pathology and physiopathology of 100 cases reviewed, emphasis on caution in treatment of persons with cardiac involvement

Heart

- Ciampi Roti A
1979 Arch de Vecchi Anat Patol e Med Clin 63 (3) Mar 435-480 Wm
Echinococcus granulosis, primary cyst in myocardium, human and bovine studies of pathology, literature review

Heart

- Edmiston WA; et al
1978 West J Med San Francisco 128 (3) Mar 248-253 Wm
Trypanosoma cruzi, 23-year-old woman, ventricular tachycardia with apical aneurysm resulting from parasite infection, clinical case report: El Salvador native living in Los Angeles

Heart

- Grozdev LJ et al
1980 Acta Chir Iugoslav 27 (1) 11-20 Wm
Cysticercus cellulosae, 36-year-old man, case report, endocardial cyst discovered during cardiac biopsy, pathomorphological and ultrastructural characteristics

Heart

- Gula G et al
1979 Thorac and Cardiovasc Surgeon 27 (6) Dec 393-396 Wm
echinococcosis, humans, cardiac cysts, diagnosis by X-ray and electrocardiogram, pathology and clinical findings, surgical management, case reports

Heart

- Matsumoto AY et al
1979 Arq Brasil Cardiol 33 (4) Oct 293-297 Wm
Chagas disease, human chronic myocardial disease, diagnosis, echocardiography

Heart

- Miranda M; Pimenta J; Silva LA
1980 Arq Brasil Cardiol 34 (1) Jan 29-33 Wm
Chagas disease, human chronic infections with longstanding cardiac involvement (right bundle-branch block), electrophysiology study of atrioventricular conduction

Heart

- Mosca W; Flaja J
1981 J Clin Microbiol 14 (1) July 1-5 Wa
Trypanosoma cruzi, Chagasic patients, delayed hypersensitivity to heart antigens and to parasite antigens as measured by in vitro lymphocyte stimulation, relevance of findings to pathogenesis of Chagasic cardiomyopathy needs to be carefully assessed

Heart

- Peralta JM et al
1981 Tr Roy Soc Trop Med and Hyg 75 (4) 568-569 Wa
Trypanosoma cruzi, human, close relationship between autoantibodies and chagasic infection but their presence does not appear to relate to severity of Chagas' heart disease

- Heart
Pimenta J; Miranda M; Silva LA
1980 Chest 78 (2) Aug 310-315 Wm
Chagas disease, humans with long-term infections, abnormal atrioventricular nodal response patterns may be secondary to organic alterations produced by parasitic disease
- Heart
Poltera AA
1980 Tr Roy Soc Trop Med and Hyg 74 (6) 706-715 Wm
human African trypanosomiasis, endstage lesions in brain and heart; *Trypanosoma brucei brucei* in mouse model, sequential features in humoral immunology and immunopathology with emphasis on cardiac and cerebral lesions, occurrence of relapses after ethidium bromide or melarsoprol treatment, responsiveness of parasite to melarsoprol in spite of repeated relapses, shift in distribution of parasite in central nervous system after melarsoprol relapse, symposium presentation
- Heart
Poltera AA; Hochmann A; Lambert PH
1980 Am J Path (456) 99 (2) May 325-351 Wa
Trypanosoma brucei brucei-infected mice as model for study of pancarditis, findings suggest that immune mechanisms may be involved in pathogenesis, offers suitable model for evaluation of efficacy of trypanocidal drugs
- Heart
Rawlings CA
1980 Am J Vet Research 41 (3) Mar 319-325 Wa
Dirofilaria immitis, dogs, cardiopulmonary function during infection and after treatment
- Heart
Ribeiro dos Santos R; Hudson L
1981 Clin and Exper Immunol 44 (2) May 349-354 Wm
Trypanosoma cruzi, mice, data suggest that immunity to heart and neuronal antigens commonly detected in infected animals is result rather than cause of host cell destruction
- Heart
Sterin-Borda L et al
1981 European J Pharmacol 69 (1) Jan 5 1-10 Wa
Chagasic sera containing EVI antibody alter effects of ouabain on isolated rat atria, data suggest participation of adrenergic mechanisms, results may explain 'toxic' effects observed with cardioactive glycosides when they are used in patients with Chagas' heart disease
- Heart
Tanowitz HB et al
1981 Exper Parasitol 51 (2) Apr 269-278 Wa
Trypanosoma cruzi, susceptible vs. resistant mice infected with Brazil strain, choline acetyltransferase activity in hearts and brains, correlation with parasitemia and pathology
- Heart
Thiermann E; Arribada A
1974 Rev Med Chile 102 (2) Feb 98-103 Wm
Toxoplasma gondii, avirulent strain, mice, serology, numbers of cysts in heart and brain tissue at various intervals after infection
- Heart
Thrall DE et al
1980 Am J Vet Research 41 (1) Jan 81-90 Wa
Dirofilaria immitis, dogs (exper.), radiographic changes occurring in cardiopulmonary system
- Heart
Tyagi SK et al
1980 J Ass Physicians India 28 (12) Dec 515-519 Wm
amoebic pericarditis as a rare but serious complication of amoebic liver abscess, clinical observations, diagnosis, case reviews: India
- Heart
Zheng J et al
1981 Chinese Med J 94 (8) Aug 529-534 Wm
Schistosoma japonicum, humans, chronic cor pulmonale, diagnosis, therapy, case reviews: China
- Heat See Temperature
- Helminthology, Manuals and textbooks
Barrett J
1981 Biochemistry of parasitic helminths 308 pp
London (MacMillan Publishers Ltd) Wa(QL392.B3)
- Helminths, Parasites of See Hyperparasitism
- Hemagglutination See Immunity, Agglutination
- Hematocrit See Anemia; Blood
- Hematuria See Urine and urinary tract
- Hemocytes [See also Hemolymph]
- Hemocytes
Abdul-Salam JM; Michelson EH
1980 J Invert Path 35 (3) May 241-248 Wa
Schistosoma mansoni in *Biomphalaria glabrata*, effect of infection on morphology, phagocytic activity, and number of amoebocytes in hemolymph
- Hemocytes
Abdul-Salam JM; Michelson EH
1980 J Invert Path 36 (1) July 52-59 Wa
Biomphalaria glabrata amoebocytes, assay of factors influencing in vitro phagocytosis
- Hemocytes
Basch PF
1979 J Invert Path 34 (1) July 99-101 Wa
Schistosoma mansoni, technique for demonstrating *Biomphalaria glabrata* hemocyte migration and parasite encapsulation in implanted flat glass tubes
- Hemocytes
Bayne CJ; Buckley PM; DeWan PC
1980 Exper Parasitol 50 (3) Dec 409-416 Wa
Schistosoma mansoni, plasma of resistant *Biomphalaria glabrata* in conjunction with hemocytes of susceptible snails leads to disruption of sporocyst ultrastructure in vitro
- Hemocytes
Bayne CJ; Buckley PM; DeWan PC
1980 J Parasitol 66 (3) June 413-419 Wa
Schistosoma mansoni, macrophagelike hemocytes of resistant *Biomphalaria glabrata* are cytotoxic for sporocysts in vitro

- Hemocytes
Cheng TC; Guida VG
1980 J Invert Path 35 (2) Mar 158-167 Wa
Schistosoma haematobium vector Bulinus truncatus rohlfsi, hemocyte morphology study as preliminary to cellular immunity study
- Hemocytes
Cheng TC; Guida VG
1980 Tr Am Micr Soc 99 (1) Jan 101-111 Wa
behavior of Bulinus truncatus rohlfsi hemocytes, laboratory study
- Hemocytes
Dappen GE; Nickol BB
1981 J Invert Path 38 (2) Sept 209-212 Wa
Plagiorhynchus cylindraceus-infected Armadillidium vulgare, unaltered hematocrit values and differential hemocyte counts
- Hemocytes
East J; Molyneux DH; Hillen N
1980 Ann Trop Med and Parasitol 74 (4) Aug 471-474 Wa
haemocyte cell types in Glossina
- Hemocytes
Pont WF
1980 J Invert Path 36 (1) July 41-47 Wa
marine cercariae that do not use molluscs as second intermediate hosts, unencysted Leucloridiomorpha constantiae metacercariae, in vitro effects of cellular and humoral factors of Crassostrea virginica hemolymph: attraction of hemocytes to dead but not to living cercariae, encapsulation of dead cercariae by hemocytes, plasma (cell-free hemolymph) was apparently not toxic to these cercariae
- Hemocytes
Richards CS
1980 J Invert Path 35 (1) Jan 49-52 Wa
Biomphalaria glabrata, genetic studies on amebocytic accumulations
- Hemocytes
Schoenberg DA; Cheng TC
1980 Develop and Comp Immunol 4 (4) Fall 617-628 Wa
Biomphalaria glabrata, 2 strains with differing susceptibility to Schistosoma mansoni, lectin-binding specificities of hemocytes as determined by microhemadsorption assays
- Hemocytes
Stumpf JL; Gilbertson DE
1978 J Invert Path 32 (2) Sept 177-181 Wa
Biomphalaria glabrata, variability of hemocyte number affected by strain and size of snail, incubation temperature, and exposure to Schistosoma mansoni
- Hemocytes
Stumpf JL; Gilbertson DE
1980 J Invert Path 35 (2) Mar 217-218 Wa
Schistosoma mansoni-infected Biomphalaria glabrata, differential leukocytic response of hemocytes (significant increase of granulocytes, constant level of hyalinocytes)
- Hemocytes
Yoshino TP
1981 Develop and Comp Immunol 5 (2) Spring 229-240 Wa
Schistosoma mansoni-susceptible vs. -refractory Biomphalaria glabrata stocks, comparison of concanavalin A-reactive determinants on hemocyte membranes, receptor binding and redistribution
- Hemoglobin [See also Anemia; Blood]
- Hemoglobin, Host
Afonso AMM; Santoro MM; Neves AGA
1980 Comp Biochem and Physiol 67B (1) 143-146 Wa
Biomphalaria glabrata, glycopeptides from hemoglobin, partial characterization
- Hemoglobin, Host
Akinkugbe FM
1980 Ann Trop Med and Parasitol 74 (6) Dec 625-633 Wa
anemia in children, prevalence, causal factors including malaria, effect of hemoglobin genotype and glucose-6-phosphate dehydrogenase deficiency: Ilora, Nigeria
- Hemoglobin, Host
Anosa VO; Obi TU
1980 Zentralbl Vet Med Reihe B 27 (9-10) 773-788 Wa
haematology and incidence of blood protozoans and helminths in 4 breeds of cattle under nutritional stress, role of host age, breed, and haemoglobin type
- Hemoglobin, Host
Bernstein SC et al
1980 Human Hered 30 (4) 251-258 Wm
Plasmodium falciparum, human, malaria appears to be selective pressure keeping hemoglobin S frequencies high but may not be major selective force maintaining glucose-6-phosphate dehydrogenase polymorphism: Cameroon
- Hemoglobin, Host
Bhattacharyya PK et al
1981 Tr Roy Soc Trop Med and Hyg 75 (4) 615-616 Wa
Plasmodium vivax and P. falciparum endemic area, first report of sickle cell trait in Santhals (a tribal community): Ajodhya hills, Purulia district, West Bengal, India
- Hemoglobin, Host
Bienzle U; Guggenmoos-Holzmann I; Luzzatto L
1981 Internat J Epidemiol 10 (1) Mar 9-15 Wm
malaria in children (mostly Plasmodium falciparum) living in holoendemic malaria region, clinical parameters such as parasitaemia and degree of anaemia examined with respect to sex, age, haemoglobin types, and erythrocyte glucose-6-phosphate dehydrogenase variants: West Africa
- Hemoglobin, Host
Brohult J et al
1981 Ann Trop Med and Parasitol 75 (5) Oct 487-494 Wm
malaria, physical performance, and total hemoglobin compared in adult Liberian males living in holo-endemic vs. meso-endemic areas and in subjects with positive vs. negative malaria smears, results imply there is no major impact of malaria on physical work capacity in these age groups
- Hemoglobin, Host
Carnevale P et al
1981 Ann Genet 24 (2) 100-104 Wa
Plasmodium falciparum, human, relationship between sickle cell trait and malaria, data for this region fail to confirm hypothesis that AS genotype protects carrier against infection: Djoumouna (region de Brazzaville), Republique Populaire du Congo

- Hemoglobin, Host
Charoenlarp P et al
1980 Southeast Asian J Trop Med and Pub Health
11 (1) Mar 97-103 Wa
effect of riboflavin on hematologic changes in iron supplementation of schoolchildren, including those with hookworm: rural area near Bangkok, Thailand
- Hemoglobin, Host
Griffin L
1980 Vet Parasitol 7 (2) Sept 123-131 Wa
Haemonchus contortus, sheep of different hemoglobin types (exper.), phenothiazine treatment shortly after patency, faecal egg output, haematological indices, and worm burden (of arrested larvae and adults) at intervals after infection; removal of adult worms by treatment did not stimulate resumption of development of arrested larvae, hemoglobin type may be factor in arrest of larvae as it is in resistance to adult worms
- Hemoglobin, Host
Guggenmoos-Holzmann I; Bienzle U; Luzzatto L
1981 Internat J Epidemiol 10 (1) Mar 16-22 Wm
Plasmodium falciparum, children under age 6, incidence and severity of infection with respect to haemoglobin types and red cell glucose-6-phosphate dehydrogenase variants, results suggest that the presence of these genetic traits offers selective advantage against infections, possible mechanisms discussed
- Hemoglobin, Host
Hussein L et al
1981 Nutrition Rep Internat 23 (5) May 901-913 Wa
Giardia lamblia, Ascaris lumbricoides, school children, anemia, effect of low levels of iron supplementation (alone and in combination with anthelmintic treatment) on hemoglobin levels: Kafr-Hifna, Egypt
- Hemoglobin, Host
Ishihara K et al
1981 Japan J Vet Sc 43 (1) Feb 1-11 Wa
dirofilariasis, dogs with hemoglobinuria vs. normal dogs and dogs with chronic serious filariasis without hemoglobinemia and hemoglobinuria, hemolysis, lipid alterations in blood serum and red cell membrane
- Hemoglobin, Host
Knight R; Merrett TG
1981 Ann Trop Med and Parasitol 75 (3) June 299-314 Wa
Necator americanus, human, prevalence and intensity by age and sex, seasonal changes, morbidity (asthma, growth parameters, haemoglobin), total IgE levels, other parasites: The Gambia
- Hemoglobin, Host
Luffau G; Pery P; Petit A
1981 Vet Parasitol 9 (1) Oct 57-67 Wa
Haemonchus contortus, sheep with AA vs. BB hemoglobin types infected once or several times before challenge, attempt to distinguish between self-cure and resistance to reinfection phenomena
- Hemoglobin, Host
Nagel RL et al
1981 J Clin Invest 68 (1) July 303-305 Wa
Plasmodium falciparum, impairment of growth in HbEE erythrocytes, might be advantageous to carrier in regions with endemic malaria
- Hemoglobin, Host
Pasvol G
1980 Tr Roy Soc Trop Med and Hyg 74 (6) 701-705 Wa
Plasmodium falciparum, mechanism whereby heterozygous carriers of sickle cell gene are protected against fatal malarial infections, symposium presentation
- Hemoglobin, Host
Santiyanont R; Wilairat P
1981 Am J Trop Med and Hyg 30 (3) May 541-543 Wa
Plasmodium falciparum, red cells containing hemoglobin E do not inhibit malaria parasite development in vitro
- Hemoglobin, Host
Schiliro G; et al
1980 Brit J Haematol 46 (2) Oct 207-210 Wa
kala-azar significantly increased fetal hemoglobin (HbF) levels in children with acute infections, after recovery these levels fall within normal limits thus suggesting that increased production of HbF is associated with accelerated erythropoiesis due to temporary marrow stress
- Hemoglobin, Host
Senft AW; Goldberg MW; Byram JE
1981 Am J Trop Med and Hyg 30 (1 pt 1) Jan 96-101 Wa
Schistosoma mansoni-infected mice, acid-active hemoglobinolytic enzyme in serum, source of enzyme not unequivocally proven but present evidence suggests it is of worm origin
- Hemoglobin, Host
Windon RG; Dineen JK; Kelly JD
1980 Internat J Parasitol 10 (1) Feb 65-73 Wa
Trichostrongylus colubriformis, lambs, vaccination with irradiated larvae, dissociation into 'responders' and 'non-responders': response to primary sequential challenge, response to rechallenge with single dose, correlation between haemoglobin type and faecal egg counts during primary and secondary challenge, effect of vaccination and challenge on liveweight gain and wool growth
- Hemoglobin, Parasite
Matuda S; Obo F
1980 Comp Biochem and Physiol 67A (4) 599-604 Wa
Ascaris, effects of mercuric chloride, ferricyanide, and hydrogen peroxide on hemoglobin from body wall
- Hemoglobin, Parasite
Sharpe MJ; Lee DL
1981 Parasitology 83 (2) Oct 411-424 Wa
Nippostrongylus brasiliensis, hemoglobin from whole worm and from cuticle, structure and function, comparative work on Nematospiroides dubius (which also contains hemoglobin but not in its cuticle)
- Hemoglobin, Parasite
Smit JDG; Winterhalter KH
1981 J Molecular Biol 146 (4) Mar 15 641-647 Wa
Microcoelium dendriticum, crystallographic data for haemoglobin
- Hemoglobinuria See Hemoglobin; Urine and urinary tract

Hemolymph [See also Hemocytes]

Hemolymph

Abdul-Salam JM; Michelson EH
1980 J Invert Path 35 (3) May 241-248 Wa
Schistosoma mansoni in Biomphalaria glabrata, effect of infection on morphology, phagocytic activity, and number of amoebocytes in hemolymph

Hemolymph

Andrieux N; Herberts C; De Frescheville J
1981 Ann Parasitol 56 (4) 441-448 Wa
Sacculina carcini, effect of parasite extracts and of hemolymph of infected Carcinus on proteinogram and molting of uninfected Carcinus, changes similar to those found in infected Carcinus

Hemolymph

Bayne CJ; Buckley PM; DeWan PC
1980 Exper Parasitol 50 (3) Dec 409-416 Wa
Schistosoma mansoni, plasma of resistant Biomphalaria glabrata in conjunction with hemocytes of susceptible snails leads to disruption of sporocyst ultrastructure in vitro

Hemolymph

Cheng TC; Butler MS
1979 J Invert Path 34 (2) Sept 119-124 Wa
experimentally induced elevations in acid phosphatase activity in hemolymph of Biomphalaria glabrata

Hemolymph

Findley AM; Blakeney EW jr; Weidner EH
1981 Biol Bull 161 (1) Aug 115-125 Wa
Ameson michaelis-infected Callinectes sapidus, parasite-induced alterations in biochemical composition of host tissues: Louisiana

Hemolymph

Font WF
1980 J Invert Path 36 (1) July 41-47 Wa
marine cercariae that do not use molluscs as second intermediate hosts, unencysted Leucochloridiomorpha constantiae metacercariae, in vitro effects of cellular and humoral factors of Crassostrea virginica hemolymph: attraction of hemocytes to dead but not to living cercariae, encapsulation of dead cercariae by hemocytes, plasma (cell-free hemolymph) was apparently not toxic to these cercariae

Hemolymph

Gordon R; Condon WJ; Squires JM
1980 J Parasitol 66 (4) Aug 585-590 Wa
Romanomeris culicivorax in Aedes aegypti, Neomesomeris flumenalis in Simulium venustum, sterols in nematode trophosomes relative to sterols in host hemolymph

Hemolymph

Herberts C; de Frescheville J
1981 Comp Biochem and Physiol 70B (3) 657-659 Wa
Sacculina carcini haemolymph contains haemocyanin

Hemolymph

Jeong KH et al
1981 J Invert Path 38 (2) Sept 256-263 Wa
Biomphalaria spp., distribution and variation of hemagglutinating activity in hemolymph, no correlation between hemagglutinin titer and innate resistance of B. glabrata strains to Schistosoma mansoni, increase in hemagglutinin titer in B. glabrata infected with Echinostoma lindoense or sensitized and reexposed to this parasite

Hemolymph

Lackie AM
1981 Develop and Comp Immunol 5 (2) Spring 191-204 Wa
immune recognition in insects, review, includes some information on insects as intermediate hosts of parasites

Hemolymph

Levenbook L; Boctor FN; Fales HM
1980 J Insect Physiol 26 (6) 381-383 Wa
Dermacentor andersoni, free sugars in eggs, embryos, and adult haemolymph

Hemolymph

Lie KJ; Jeong KH; Heyneman D
1980 Internat J Parasitol 10 (3) June 183-188
inducement of miracidia-immobilizing substance (MIS) in hemolymph of Echinostoma spp. - or Paryphostomum segregatum- (but not Schistosoma mansoni-) infected Biomphalaria glabrata, uninfected snails show tissue-extract MIS

Hemolymph

Mack SR; Foley DA; Vanderberg JP
1979 J Invert Path 34 (2) Sept 105-109 Wa
Plasmodium berghei in Anopheles stephensi, no significant effect on hemolymph volume

Hemolymph

Romestand B
[1975] Bull Soc Zool France 99 (4) 1974 571-591
Issued Feb 28 Wa
Meinertia oestroides, Anilocra physodes, haemolymph proteins vary with physiological changes

Hemolymph

Schmidt SP; Platzer EG
1980 J Invert Path 36 (2) Sept 149-158 Wa
Romanomeris culicivorax, protein patterns and protease activities in parasite homogenates and in hemolymph of infected and uninfected Culex pipiens

Hemolymph

Schmidt SP; Platzer EG
1980 J Invert Path 36 (2) Sept 240-254 Wa
Romanomeris culicivorax in Culex pipiens (exper.), histopathology, changes in fat body tissue, imaginal disc development, growth, and in hemolymph carbohydrates, amino acids, and proteins

Hemolymph

Vivares CP; Cuq JL
1981 J Invert Path 37 (1) Jan 38-46 Wa
Thelohania maenadis in Carcinus mediterraneus, effect of infection on certain biochemical components of hemolymph and tissues of host, experimental ecophysiological study analysing effect of variations in environmental water temperature and salinity on proteinemia and glucidic metabolism in healthy vs. parasitized crabs: Vic Lagoon, near Montpellier, France

- Hemorrhage**
El Assiouty IM et al
1975 Ain Shams Med J 26 (1) Jan 13-19 Wm
bilharzial hepatic fibrosis, humans, inhibi-
tory effects of E-amino caproic acid and
heparin on fibrinolytic activity, usefulness
in controlling bleeding
- Hemorrhage**
Fossati CJ
1979 Rev Iber Parasitol 39 (1-4) Jan-Dec 337-340
Wa
pulmonary hydatid cysts with resulting cavitat-
ion, humans, vascular changes in cavity wall,
probable cause of hemoptysis
- Hemorrhage**
Kalani BP; Sogani KC
1975 Am J Proctol 26 (2) Apr 67-70 Wm
E[ntamoeba] histolytica, children with colitis,
chronic rectal bleeding, differential diagno-
sis, clinical management
- Hemorrhage**
Koshy A et al
1979 Am J Surg 138 (3) Sept 453-455 Wm
Entamoeba histolytica, woman, case report,
hepatic abscess complicated by hemobilia:
India
- Hemorrhage**
Laosombat V; Thiravibul K; Premasathian D
1980 Southeast Asian J Trop Med and Pub Health
11 (2) June 269-272 Wa
Necator americanus, 7-year-old girl, case
report, massive intestinal hemorrhage associ-
ated with parasitic infection: Thailand
- Hemorrhage**
Maspes V; Tamigaki M
1979 Rev Saude Pub S Paulo 13 (4) Dec 357-365
Wm
ancylostomiasis, patients with anemia and high
rate of parasitism, hematologic variations,
importance of iron reabsorption in intestinal
hemorrhage
- Hemorrhage**
Overstreet RM; Meyer GW
1981 J Parasitol 67 (2) Apr 226-235 Wa
Hysterothylacium type MB larvae from Paralich-
thys lethostigma as cause of hemorrhagic le-
sions in stomach of Macaca mulatta (exper.),
implications for human consumption of raw sea-
food
- Hemorrhage**
Powell RW et al
1980 Arch Int Med Chicago 140 (8) Aug 1061-1063
Wa
Strongyloides stercoralis, immunosuppressed
humans, 2 cases of massive lower gastrointesti-
nal hemorrhage associated with disseminated
strongyloidiasis, therapeutic recommendations
including use of thiabendazole in larger than
normally recommended doses
- Hepatitis** See Liver
- Heredity** See Genetics
- Hibernation**
Carmichael AC; Muchlinski AE
1980 J Parasitol 66 (2) Apr 365-366 Wa
Schistosomium douthitti survives hibernation
in Zapus hudsonius, may play important role in
ecology and life cycle, may serve as long-term
reservoir host
- Hibernation**
Fleming WJ; Georgi JR; Caslick JW
1979 Proc Helminth Soc Washington 46 (1) Jan
115-127 Issued Mar 14 Wa
parasites of Marmota monax, incidence, seasonal
occurrence related to host activities, effect
of host hibernation on parasite populations,
some host age and specificity studies: Tomp-
kins County, New York
- Hibernation**
Frechette JL; Rau ME
1978 J Wildlife Dis 14 (3) July 342-344 Wa
Diphyllobothrium ursi and Baylisascaris trans-
fuga in Ursus americanus, seasonal variations
in prevalence of ova in feces, findings sup-
port suggestion that period of winter lethargy
has profound effects on helminth parasites of
black bears: La Verendrye Park, Quebec
- Hides** See Leather
- Histochemistry** [See also Biochemistry; Metabo-
lism]
- Histochemistry, Host**
Banna HBM
1980 Histochem J 12 (2) Mar 139-144 Wa
frescon-treated and untreated Bulinus trun-
catus, histochemistry of 5 dehydrogenases
- Histochemistry, Host**
Banna HBM
1980 Histochem J 12 (2) Mar 145-152 Wa
frescon-treated and untreated Bulinus trun-
catus, histochemistry of 6 hydrolases
- Histochemistry, Parasite**
Ahmed FE; Mohammed AH
1980 Internat J Parasitol 10 (2) Apr 103-106 Wa
Haemoproteus, Parahaemoproteus, Haemogregarina,
comparison of histochemical stain reactions in
different life cycle stages
- Histochemistry, Parasite**
Bhatnagar AK; Gupta AN; Srivastava RC
1980 Ztschr Parasitenk 64 (1) 77-84 Wa
Ceylonocotyle scoliocoelium, histology and
cytochemistry of neuroendocrine components,
possible functional significance
- Histochemistry, Parasite**
Binnington KC; Stone BF
1981 Internat J Parasitol 11 (5) Oct 343-351 Wa
Ixodes holocyclus, salivary glands, morphology
and histochemistry, evidence concerning origin
of paralyzing toxin, possible origin of compo-
nents which provoke allergic response in host
- Histochemistry, Parasite**
Coggins JR
1980 Internat J Parasitol 10 (2) Apr 97-101 Wa
Proteocephalus ambloplitis plerocercoids, api-
cal end organ, structure and histochemistry,
thought to assist migration through host tissue
- Histochemistry, Parasite**
Fairweather I; Threadgold LT
1981 Parasitology 82 (3) June 429-443 Wa
Hymenolepis nana, hatched and unhatched on-
cospheres, fine structure of embryonic en-
velopes, transmission and scanning electron
microscopy, light microscope histochemistry,
modifications from basic cyclophyllidean pat-
tern can be related to demands of 'direct'
life-cycle

- Histochemistry, Parasite
Fairweather I; Threadgold LT
1981 Parasitology 82 (3) June 445-458 Wa
Hymenolepis nana, fine structure of 'penetration gland' and nerve cells within oncosphere, transmission and scanning electron microscopy, light microscope histochemistry
- Histochemistry, Parasite
Fried B; Butler CS
1979 Rev Iber Parasitol 39 (1-4) Jan-Dec 395-400 Wa
Fasciola hepatica metacercariae, chemical excretion, development on chorioallantoic membrane, histochemical and thin layer chromatographic analyses of neutral lipids
- Histochemistry, Parasite
Gupta NK; Kapoor M
[1980] Riv Parasitol Roma 40 (1-2) 1979 63-79 Issued Feb Wa
Cotugnia digonopora, histochemical localization of lipids, carbohydrates, proteins, and nucleic acids
- Histochemistry, Parasite
Gustowska L; Pawlowski Z
1981 Vet Parasitol 8 (3) July 211-218 Wa
Taenia saginata, cattle, sheep, goats, histochemical reactions in cysticerci and in host tissues around cysticerci, histopathological changes, effect of treatment with mebendazole or praziquantel on host reaction
- Histochemistry, Parasite
Hayunga EG
1979 Proc Helminth Soc Washington 46 (2) July 171-179 Issued Aug 14 Wa
Glaridacris catostomi, *G. laruei*, and *Hunterella nodulosa* from *Catostomus commersoni* (intestine), histology, histochemistry, and fine structure of scolex glands, electron microscopy, role in attachment to host and in causing intestinal pathology: vicinity of Albany, New York
- Histochemistry, Parasite
Higgins JC
1980 Parasitology 81 (1) Aug 47-59 Wa
Bucephalus haimeanus, attachment and penetration of cercariae, metamorphosis from cercarial to metacercarial stage, formation of cyst wall and related changes in tegument, structural and histochemical observations
- Histochemistry, Parasite
Ho Y; Yang H
1979 Tung Wu Hsueh Pao (Acta Zool Sinica) 25 (4) Dec 304-310 Wa
Schistosoma japonicum, embryonic development, histology and histochemistry, nature of in vivo circumoval precipitates
- Histochemistry, Parasite
Hofer DP; Johnson AD
1970 Tr Am Micr Soc 89 (2) Apr 254-259 Issued Aug 19 Wa
Alaria mustelae, *A. marcianae*, and *A. arisae-moides* from *Rana pipiens*, chemical nature and composition of mesocercarial encapsulation: purchased from commercial source in Wisconsin
- Histochemistry, Parasite
Jones BR; Smith BF; LeFlore WB
1979 Cytobios (101) 26 7-24 Wa
Hydatigera taeniaeformis cysticercus scolex, ultrastructural localization of acetylcholinesterase activity, possible functions
- Histochemistry, Parasite
Karyakarte PP; Baheti SP
1977 Marathwada Univ J Sc (Nat Sc) 16 (9) 95-98 Wa
Tremiorchis ranaram, role of neurosecretory cells in maturation, histochemistry
- Histochemistry, Parasite
Ko RC; Ling J
1980 Ztschr Parasitenk 63 (1) 59-63 Wa
Echinocephalus sinensis, histochemistry of cephalic-cervical system, finding suggests that system does not have active secretory role but acts mainly as hydrostatic organ for inflation of headbulb
- Histochemistry, Parasite
LeFlore WB; Bass HS; Smith BF
1980 Tr Am Micr Soc 99 (2) Apr 201-206 Wa
Cloacitrema michiganensis from *Cerithidea californica*, histochemical localization of hydrolytic enzymes in cercariae, role in physiology, some details of nervous system gross morphology
- Histochemistry, Parasite
Maki J; Yanagisawa T
1980 J Helminth 54 (1) Mar 39-41 Wa
filariae, other parasitic nematodes, histochemical distribution of acid phosphatase in body wall and intestine of adult female worms
- Histochemistry, Parasite
Maki J; Yanagisawa T
1980 Parasitology 80 (1) Feb 23-38 Wa
Dirofilaria immitis, *Angiostrongylus cantonensis*, demonstration of acid phosphatase activity with special reference to characteristics and distribution
- Histochemistry, Parasite
Maki J; Yanagisawa T
1980 Parasitology 81 (3) Dec 603-608 Wa
Setaria sp. vs. 4 gastrointestinal nematodes, histochemical localization of acid phosphatase activity with special attention to body wall and intestine, possible physiological significance
- Histochemistry, Parasite
Nellaiappan K; Ramalingam K
1980 Parasitology 80 (1) Feb 1-7 Wa
Paraplerurus sauridae, stabilization of egg-shell examined using histochemistry, chromatography, and spectrum analysis, nature of protein component discussed
- Histochemistry, Parasite
Oaks JA; Mueller JF
1981 J Parasitol 67 (3) June 325-331 Wa
Spirometra mansonoides, carbohydrate distribution within vesicles of tegumental cytoplasm of proceroid, distribution of vesicular types among regions of tegumental/perikaryal complex
- Histochemistry, Parasite
Omar MS; Nathan MB
1979 Tropenmed u Parasitol 30 (4) Dec 475-476 Wa
Mansonella ozzardi, microfilariae from Trinidad, West Indies, histochemical pattern of acid phosphatase activity, can be used to differentiate from other human microfilariae
- Histochemistry, Parasite
Robinson GA; Fried B
1980 J Parasitol 66 (6) Dec 954 Issued May 6 1981 Wa
Amblosoma suwaense, histochemical observations on melanin in intestinal ceca of metacercariae

- Histochemistry, Parasite
Roy TK
1980 Indian J Exper Biol 18 (4) Apr 385-392 Wa
Ceylonocotyle scoliocoelium, nonspecific and specific phosphatases, tissue distribution and functional significance
- Histochemistry, Parasite
Roy TK
1980 Indian J Exper Biol 18 (8) Aug 872-876 Wa
Ceylonocotyle scoliocoelium, cytochemical distribution of nonspecific esterase, acetylcholinesterase, and pseudocholinesterase in various tissues
- Histochemistry, Parasite
Roy TK
1980 J Helminth 54 (3) Sept 219-222 Wa
Raillietina johri, histochemical localization of nonspecific esterase, acetylcholinesterase, and pseudocholinesterase, possible involvement of these enzymes in physiology of parasite
- Histochemistry, Parasite
Schnier MS; Fried B
1980 J Parasitol 66 (4) Aug 689-691 Wa
Hammerschmidtella diesingi, Aspiculuris tetraptera, neutral lipids, histochemical and thin layer chromatographic analyses
- Histochemistry, Parasite
Sharma AN; Sharma PN
1980 Indian J Exper Biol 18 (11) Nov 1282-1287 Wa
Ceylonocotyle scoliocoelium, histochemical localization of proteins, lipids, glycogen, DNA, RNA, acid phosphatase, and succinate dehydrogenase in various stages of spermatogenesis
- Histochemistry, Parasite
Sharma PN; Mandawat S; Sharma AN
1981 J Helminth 55 (2) June 141-148 Wa
Ceylonocotyle scoliocoelium, Mehlis' gland, non-enzymatic and enzymatic histochemistry, physiological implications
- Histochemistry, Parasite
Sharma PN; Sharma AN
1981 J Helminth 55 (3) Sept 223-229 Wa
Ceylonocotyle scoliocoelium, neurosecretory cells, histochemical tests for enzymes and non-enzymatic substances
- Histochemistry, Parasite
Soranzo L
1980 Ann Sc Nat Zool et Biol Animale 14 s 2 (1) Jan-Mar 35-50 Wa
Hypoderma sp., bovine, oenocytes of 1st, 2nd, and 3rd larval stages, development and ultrastructure, cytological, ultrastructural, and cytochemical observations, role in lipid metabolism
- Histochemistry, Parasite
Specian RD; Lumsden RD
1981 Ztschr Parasitenk 64 (3) 335-345 Wa
Hymenolepis diminuta, rostellar tegument, histochemical, cytochemical, and autoradiographic studies
- Histochemistry, Parasite
Taft SJ
1979 Proc Helminth Soc Washington 46 (1) Jan 64-69 Issued Mar 14 Wa
Cyclocoelum oculoem from Fulica americana (orbit), histochemistry of miracidial and early redial stages
- Histochemistry, Parasite
Varndell IM
1981 Ztschr Parasitenk 65 (2) 143-151 Wa
Haplosporidium malacobdellae from Amphiporus lactifloreus, distribution of several enzymes and metabolites within various life cycle stages of parasite, histochemical analysis
- Histochemistry, Parasite
Varndell IM
1981 Ztschr Parasitenk 65 (2) 153-162 Wa
Haplosporidium malacobdellae from Amphiporus lactifloreus, catechol oxidase and peroxidase activities demonstrated in parasite tissues at various life cycle stages using variety of substrates and metabolic effectors, histochemistry, cytochemical demonstration of phenol and quinone groups in infected host tissue, possible function for enzymes in quinone tanning process of spore wall formation proposed
- Histochemistry, Parasite
Venkatanarsaiah J
1981 Parasitology 82 (2) Apr 241-244 Wa
Pricea multae, oncomiracidium, histochemical localization of cholinesterase activity in nervous system, tegumental and sub-tegumental musculature, and in pharyngeal bulb
- Histology [See also Morphology]
- Histology
Hayunga EG
1979 Proc Helminth Soc Washington 46 (2) July 171-179 Issued Aug 14 Wa
Glavidacris catostomi, G. laruei, and Hunterella nodulosa from Catostomus commersoni (intestine), histology, histochemistry, and fine structure of scolex glands, electron microscopy, role in attachment to host and in causing intestinal pathology: vicinity of Albany, New York
- Histology
Lumsden RD; Specian R
1980 Biol Tapeworm Hymenolepis diminuta 157-280 Wa
Hymenolepis diminuta, morphology, histology, and fine structure of adult stage, review
- Histopathology See Pathology
- History of parasitology See Parasitology, History
- Hormones [See also Biochemistry; Glands; Metabolism; Pheromones]
- Hormones
Al-Khalidi NW; Weisbrode SE; Dubey JP
1980 Am J Vet Research 41 (9) Sept 1549-1551 Wa
Toxoplasma gondii, ponies (exper.), pathogenicity, serologic responses, effect of corticosteroids, and distribution in various tissues
- Hormones
Baetz AL et al
1980 Am J Vet Research 41 (11) Nov 1767-1768 Wa
pregnant cows exposed to Sarcocystis cruzi, Campylobacter fetus, or Aspergillus fumigatus, changes in plasma progesterone concentrations in bovine plasma cannot be used as diagnostic tool for fetal distress or fetal death

Hormones

Bailenger J et al
1981 Ann Parasitol 56 (3) 317-327 Wa
Strongyloides ratti, rats, repeated infections, parasitemia and corticosteronemia

Hormones

Bailenger J; Chanraud JB; Cabannes A
1981 Ann Parasitol 56 (3) 329-338 Wa
Strongyloides ratti, rats, reinfection after spontaneous recovery, parasitemia and corticosteronemia

Hormones

Bailenger J; Chanraud JB; Guy M
1981 Ann Parasitol 56 (3) 313-315 Wa
Strongyloides ratti, rats, hypercorticosteronemia as function of intensity of parasitemia

Hormones

Barrabes A et al
1980 Ann Parasitol 55 (6) Nov-Dec 671-677 Wa
Schistosoma mansoni, castrated female hamsters, effect of administration of estradiol, testosterone, or progesterone on intensity of parasitism and on rate of circulating antibodies (indirect immunofluorescence), no relationship between level of serum antibodies and number of worms

Hormones

Barrabes A et al
1981 J Pharm Belg 36 (2) Mar-Apr 91-96 Wa
Schistosoma mansoni in golden hamsters (exper.), effects of 2 anti-estrogens (tamoxifene, clomifene) on intensity of infection and serum specific antibody levels, indirect immunofluorescence test

Hormones

Barrett J
1981 Biochemistry of parasitic helminths 308 pp
London (MacMillan Publishers Ltd) Wa(QL392.B3)

Hormones

Bhai I; Pandey AK
1981 Internat J Parasitol 11 (5) Oct 377-379 Wa
Ancylostoma caninum, thyroxine treatment significantly increased susceptibility of female (but not male) mice to infection, more hyperthyroid females died following infection than control females

Hormones

Bhatnagar AK; Gupta AN; Srivastava RC
1980 Ztschr Parasitenk 64 (1) 77-84 Wa
Ceylonocotyle scoliocoelium, histology and cytochemistry of neuroendocrine components, possible functional significance

Hormones

Bramley M; Kinghorn G
1979 Sex Transmit Dis 6 (4) Oct-Dec 261-263 Wm
Trichomonas vaginalis, human vaginal infections may be inhibited by use of oral contraceptives

Hormones

Chung PR; Chang JK; Soh CT
1975 Yonsei Rep Trop Med 6 (1) Nov 31-36 Wm
Toxoplasma gondii-infected mice treated with cortisone, acceleration in development of Toxoplasma cysts in tissue, suppression of macrophage supply into peritoneal cavity, most mice that died were males

Hormones

Dean JH et al
1980 J Reticuloendothel Soc 28 (6) Dec 571-583 Wm
adult exposure of female mice to therapeutic levels of diethylstilbestrol can severely impair host resistance to syngeneic tumor cells, Listeria, endotoxin, and Trichinella spiralis

Hormones

Donahue MJ et al
1981 Biochem and Biophys Research Commun 101 (1) July 16 112-117 Wa
Ascaris suum, evidence that serotonin may be functioning as hormone which regulates glycogen metabolism in parasite muscle (functions by raising cyclic AMP levels, activating phosphorylase, and inactivating glycogen synthase)

Hormones

Douvres FW; Thompson MJ; Robbins WE
1980 Vet Parasitol 7 (3) Nov 195-205 Wa
Ostertagia ostertagi in vitro, effect of insect-growth-disrupting amines and amides on development, highly nematocidal, exert lethal effects at time of molt

Hormones

Dutra M et al
1979 Rev Inst Med Trop S Paulo 21 (2) Mar-Apr 99-105 Wa
S[chistosoma] mansoni, patients with glomerulopathy, effects of corticosteroids, cyclophosphamides and anti-schistosomal drugs

Hormones

El-Shafei S et al
1980 Middle East J Anaesth 5 (6) Feb 407-416 Wm
bilharzial vs. non-bilharzial individuals, effects of stress of various anaesthesias and of surgery, changes in hormonal levels

Hormones

Garlough SJ; Mason M; Sanchez G
1981 Comp Biochem and Physiol 70B (3) 451-455 Wa
Trypanosoma brucei brucei, tyrosine aminotransferase activity, activation by cortisol, reactivation by puromycin

Hormones

Ghareeb AM et al
1975 Ain Shams Med J 26 (1) Jan 81-89 Wm
Schistosoma mansoni, hormonal and enzyme changes occurring with hepatosplenic involvement, possible effects on host growth and development, golden hamster used as exper. model for human infections

Hormones

Hall RD et al
1978 Poultry Science 57 (6) Nov 1728-1732 Wa
Ornithonyssus sylviarum, Leghorn roosters (exper.), effect of corticosterone and inbred antibody competency on mite population development, antibody competency alone probably was not responsible for observed differences

Hormones

Harris RA; Kaufman WR
1981 J Insect Physiol 27 (4) 241-248 Wa
Amblyomma hebraeum, hormonal control of salivary gland degeneration

Hormones

Hennessey DR; Pritchard RK
1981 Research Vet Sc 30 (1) Jan 87-92 Wa
Trichostrongylus colubriformis-infected sheep,
kinetics of thyroxine and inorganic iodine
metabolism, thyroid gland histology, thyroid
response to thyroid stimulating hormone

Hormones

Knopf PM; Soliman M
1980 Internat J Parasitol 10 (3) June 197-204
Wa
Schistosoma mansoni, mice, rats, effects of
host endocrine gland removal on host 'permis-
siveness', concluded that host hormones con-
tribute to nonpermissive status of rats to in-
fection

Hormones

Kozakiewicz B
1980 Med Wet 36 (12) Dec 726-727 Wa
Echinococcus granulosus, pigs (exper.), in-
fluence of various sexual hormones on develop-
ment, survival, and fertility of echinococci

Hormones

Leahy MG; Booth KS
1980 J Med Entom 17 (1) Jan 31 18-21 Wa
Argas persicus, Ornithodoros coriaceus, and
Rhipicephalus sanguineus, induction of sterili-
ty and ecdysis failure by precocene 2 (syn-
thetic anti-juvenile hormone), application of
juvenile hormone did not reverse effects, ef-
fective doses of precocene 2 are too high for
consideration as control agent

Hormones

Long RG et al
1980 Gut 21 (9) Sept 772-777 Wm
Trypanosoma cruzi, patients with severe bowel
disease, response of plasma pancreatic and
gastrointestinal hormones and growth hormone
to oral and intravenous glucose and insulin
hypoglycaemia vs. normal responses

Hormones

Mikhail EG et al
1979 J Egypt Pub Health Ass 54 (1-2) 23-34 Wm
Trichinella spiralis-infected rats, increased
adrenal gland secretions during peak severity
of pathological lesions in intestine and dia-
phragm, application to therapeutic use of
steroids

Hormones

Miller EC
1980 Zentralbl Gynak 102 (13) 702-708 Wm
Toxoplasma gondii, humans, changes in antibody
titers during pregnancy determined using the
dye test, skin test, and complement fixation
test, diagnostic value of titer changes and
correlations with choriogonadotrophic hormones
excreted in urine

Hormones

Nair KV; Gillon J; Ferguson A
1981 Gut 22 (6) June 475-480 Wm
Giardia muris-infected mice, study of effects
of corticosteroid therapy in intestinal infec-
tion shows that such treatment leads to re-
rudescence of occult infection, implication
for human intestinal protozoan infections

Hormones

Nordin GL
1981 J Invert Path 37 (1) Jan 110-112 Wa
Vairimorpha necatrix in Heliothis virescens
(exper.), use of dietary methoprene increases
period of host susceptibility to microsporidi-
osis and spore yields

Hormones

Novak M; Collins M; Evans WS
1980 Ztschr Parasitenk 61 (3) 243-247 Wa
Hymenolepis microstoma, growth in intact,
gonadectomized, and sham-operated mice (ex-
per.), sex of host, found that gonads of male
hosts do not affect worm growth until 12th
day post-infection

Hormones

Odening K
1979 Ang Parasitol 20 (4) Nov 185-192 Wa
Spirometra, effects of 'sparganium growth fac-
tor' on rodents using 'mansonoides' vs. 'non-
mansonoides' forms

Hormones

Ogunye O; Gbadebo AO
1981 Trop and Geogr Med 33 (2) June 165-168 Wa
malaria and measles infected children, inap-
propriate secretion of antidiuretic hormones,
importance of evaluating for this syndrome as
part of disease therapy

Hormones

Panfilova IM
1980 Zool Zhurnal 59 (6) June 851-858 Wa
Ixodes persulcatus females, changes in neuro-
endocrine system and amounts of secretory
substances during feeding

Hormones

Panfilova IM
1980 Zool Zhurnal 59 (8) Aug 1137-1147 Wa
Ixodes persulcatus, feeding females, inhibition
of growth and oogenesis related to absence of
fertilization, disturbances in activity of syn-
ganglion neurosecretory cells and lateral
organs, dynamics of activity of different ele-
ments of neuro-endocrine system compared in
feeding non-fertilized and fertilized females
(these changes in non-fertilized females con-
sidered an adaptation to long wait for fertili-
zation)

Hormones

Reddington JJ et al
1981 J Parasitol 67 (4) Aug 548-555 Wa
Trichinella spiralis, effects of host sex,
host gonadectomy, and host sex hormones on
number of adult parasites in host small in-
testine, rate of in vitro larviposition by
adult female worms, and level of muscle para-
sitism in mice

Hormones

Rizk AM et al
1980 Acta Biol et Med German 39 (8-9) 991-993
Wa
bilharzial liver disease at different stages,
human males, serum levels of estrogens

Hormones

Rogers WP
1980 Comp Biochem and Physiol 66A (4) 631-635
Wa
Haemonchus contortus, insect juvenile hormone,
action on hatching of eggs, role in development
of infective and non-infective stages

Hormones

Sanchez G; Lockwood J; Chavez R
1981 Comp Biochem and Physiol 70B (3) 447-450
Wa
Trypanosoma brucei appears to possess hormone-
like substance that stimulates production of
glucose from liver glycogen

- Hormones
Sluifers JF
1981 Ztschr Parasitenk 64 (3) 303-319 Wa
Trichobilharzia ocellata, development in Lymnaea stagnalis (exper.), effects of infection on host reproductive system
- Hormones
Symons LEA; Hennessy DR
1981 Internat J Parasitol 11 (1) Feb 55-58 Wa
Trichostrongylus colubriformis-infected sheep, anorexia may be due to or mediated by higher plasma concentrations of cholecystokinin
- Hormones
Vieira RA
1979 Rev Iber Parasitol 39 (1-4) Jan-Dec 361-381 Wa
Ancylostoma caninum, Rattus norvegicus (exper.) simultaneously treated with prednisolone trimethylacetate and infected with parasite larvae, host natural resistance apparently not affected by hormone therapy as no adult parasites were found at necropsy
- Host finding See Host perception by parasites
- Host-parasite relationships [See also Adaptation]
- Host-parasite relationships
Anderson RM
1979 20 Symposium Brit Ecol Soc 245-281 Wa
parasites, influence on host survival and reproduction (direct effects, increased susceptibility to predation, reduced competitive fitness), dynamical properties of persistent and transient infection within separate population models, host nutritional status and impact of infection
- Host-parasite relationships
Becker W
1980 Ztschr Parasitenk 63 (2) 101-111 Wa
Schistosoma mansoni, metabolic interrelationships with infected Biomphalaria glabrata, review
- Host-parasite relationships
Brown KN
1976 Receptors and Recognition s A 1 119-175 Wa
Trypanosoma brucei, Plasmodium spp., Schistosoma mansoni, Hymenolepis nana, Onchocerca volvulus, specificity in host-parasite relationship, reactions which occur at host-parasite interface, review
- Host-parasite relationships
Camus D; Capron A
1980 Acta Gastroenter Belg 43 (1-2) Jan-Feb 17-30 Wm
immunology of digestive parasitoses, recent advances, aspects of immunological mechanisms controlling host-parasite relationships
- Host-parasite relationships
Carey AB; Krinsky WL; Main AJ
1980 J Med Entom 17 (1) Jan 31 89-99 Wa
ticks of mammals; abundance, seasonality, geographic distribution, host-tick and tick-tick interactions of Ixodes dammini and Dermacentor variabilis; relationship between I. dammini and public health: south-central Connecticut, USA
- Host-parasite relationships
Crompton DWT et al
1981 Internat J Parasitol 11 (6) Dec 457-461 Wa
Moniliformis dubius-infected male and female rats fed on diets containing growth-limiting amounts of fructose, food intake, weight gain, and blood sugar; numbers, sex ratio, dry weight, and location of parasites in small intestine of hosts; results can be interpreted to suggest competition for dietary fructose between parasite and host
- Host-parasite relationships
Doubé BM
1979 Austral J Ecol 4 (4) Dec 345-360 Wa
Ixodes holocyclus on small mammals and birds, seasonal abundance and host relationships in different habitats, detachment behavior and survival of engorged ticks, host resistance: southeastern Queensland
- Host-parasite relationships
Gaevskaia AV; Nigmatullin ChM
1981 Biol Nauki Min Vyssh i Sredn Spetsial Obrazovan SSSR (205) (1) 52-57 Wa
helminths of Sthenoteuthis pteropus, intensity and extensiveness of infection, synchronization of trophic and parasitological relationships of host, role of host in helminth developmental cycles: tropical Atlantic
- Host-parasite relationships
Gass RF
1977 Acta Trop 34 (2) June 127-140 Wa
Plasmodium gallinaceum in Aedes aegypti given 2 consecutive blood meals, oocyst production inhibited or enhanced depending on timing of blood meals, results explained by action of host trypsin-like proteases on parasites, plasmodia 0-10 hours after blood meal are more sensitive to enzymes than later stages of parasite, suggests developmental adaptation of parasite to host's digestive processes
- Host-parasite relationships
Kassai T
1979 Ang Parasitol 20 (3) Sept 123-131 Wa
immunological aspects of phylogeny of host-parasite relationships, review
- Host-parasite relationships
Kuris AM; Blaustein AR; Alio JJ
1980 Am Naturalist 116 (4) Oct 570-586 Wa
criticisms of application of island biogeography theory to situation involving animal hosts as islands for parasites
- Host-parasite relationships
Lavoipierre MMJ; Radovsky FJ; Budwiser PD
1979 J Med Entom 15 (3) Mar 23 187-217 Wa
Tunga monositus on Mus musculus (skin of ear pinna) (exper.), detailed description of feeding behavior and diet, histological study of embedded fleas, development of female on host, dependence on host inflammatory and repair response for survival and reproduction
- Host-parasite relationships
Lavoipierre MMJ; Radovsky FJ; Budwiser PD
1979 J Med Entom 16 (2) Sept 28 85-94 Wa
Tunga monositus on laboratory Peromyscus maniculatus (ear pinna) wild-caught from 2 localities, feeding behavior, cell intake, and neosomy, histological examination of sequential serial sections, comparison with findings from Mus musculus

- Host-parasite relationships
Levin S; Pimentel D
1981 Am Naturalist 117 (3) Mar 308-315 Wa
group selection of intermediate rates of increase in parasite-host systems, mathematical model
- Host-parasite relationships
Molyneux DH
1980 Insect Sc and Its Applic 1 (1) 39-46 Wa
host-trypanosome interactions in Glossina, review with emphasis on haemocoelic infections, relevance and importance of trypanosome infection rates in Glossina, virus-like rods in Glossina, and parasite-host surface interactions
- Host-parasite relationships
Musisi FL et al
1981 Ztschr Parasitenk 65 (1) 31-41 Wa
Theileria spp. in cultured bovine lymphoblastoid cells, fine structural relationships between macroschizonts and developing lymphoblasts, host cell mitosis
- Host-parasite relationships
Pappas PW
1980 Ohio State Univ Biosc Colloq (5) 145-172 Wm; Wa
enzyme interactions at host-parasite interface, review
- Host-parasite relationships
Pearre S jr
1979 Internat Rev Ges Hydrobiol 64 (2) 193-206 Wa
hemiid larval trematode-infected chaetognaths, morphological (gigantism) and behavioral (vertical migration to better-lit habitat) modifications, excess field mortality, lowered reproductive potential, contagious distribution of parasites within host population, may be optimal strategy to increase intermediate host predation by correct final host species and minimize damage to intermediate host population as a whole
- Host-parasite relationships
Pecora IL et al
1980 Experientia 36 (8) Aug 15 942-944 Wa
Trypanosoma cruzi, frequency distribution inside macrophages from normal or chronically infected resistant and susceptible strains of mice obeys negative binomial type of distribution, implies that 'aggregating mechanism' operates in T. cruzi:macrophage interaction
- Host-parasite relationships
Pereira MEA; Andrade AFB; Ribeiro JMC
1981 Science (4482) 211 Feb 6 597-600 Wm
lectins of distinct specificity in Rhodnius prolixus interact selectively with Trypanosoma cruzi
- Host-parasite relationships
Pfefferkorn ER; Schwartzman JD
1981 2 Internat Cong Cell Biol (Berlin (West) Aug 31-Sept 5 1980) 411-420 Wm; Wa
Toxoplasma gondii-infected cultured cells, use of (host cell and parasite) mutants to study biochemistry of host-parasite relationship, review
- Host-parasite relationships
Trail DRS
1980 Am Naturalist 116 (1) July 77-91 Wa
parasite-induced modifications of host behavior, analysis with respect to (1) dispersal of parasite propagules to new hosts, (2) modification of host's energy budget to provide energy for parasite's growth and maturation, and (3) keeping the host alive until the parasite has completed its life cycle, phenomenon of host 'suicide' and its possible role in evolution of complex life cycles
- Host-parasite relationships
Vande Vusse FJ
[1980] J Parasitol 65 (6) Dec 1979 894-897 Issued Apr 2 Wa
Dendritobilharzia pulverulenta in anatids, localization of adult worms within arteries and their eggs within tissues as basis for dividing hosts into normal and abnormal hosts
- Host, Paratenic See Vectors, Mechanical
- Host perception by parasites [See also Attractants; Taxis]
- Host perception by parasites
Bartoli P
1981 Ann Parasitol 56 (3) 261-270 Wa
Gymnophallus nereicola, biological and ecological factors favoring parasite recruitment by Nereis diversicolor (parasite endemiteope, cercarial emergence, cercarial behavior (swimming, phototropism, rheotropism), cercarial access to and penetration of host, localization of metacercariae in host)
- Host perception by parasites
Christensen NØ
1980 Acta Trop 37 (4) Dec 303-318 Wa
host-finding capacity of trematode miracidium, influence of host- and parasite-related factors and environmental conditions, review with special reference to Fasciola and Schistosoma
- Host perception by parasites
Christensen NO
1980 Exper Parasitol 50 (1) Aug 67-73 Wa
Echinostoma revolutum, technique for in vivo labelling of miracidia with radioselenium, radioisotope tracer for assaying miracidial host-finding capacity
- Host perception by parasites
Christensen NO; Frandsen F; Nansen P
1980 J Helminth 54 (3) Sept 203-205 Wa
Schistosoma mansoni, cercarial host-finding, role of water turbidity as cover for cercariae against predation by various aquatic organisms
- Host perception by parasites
Christensen NO; Frandsen F; Roushdy MZ
1980 Ztschr Parasitenk 64 (1) 47-63 Wa
Echinostoma liei, influence of various physico-chemical environmental conditions on egg hatchability; miracidial host-finding capacity and level of parasitisation in Biomphalaria glabrata, susceptibility of different snails to infection, cercarial and metacercarial infectivity in relation to some first and second intermediate host-related factors, cercarial shedding, metacercarial longevity

- Host perception by parasites
Cohen LM; Neimark H; Eveland LK
1980 J Parasitol 66 (2) Apr 362-364 Wa
Schistosoma mansoni, response of cercariae to thermal gradient, thermoresponse could contribute to host-finding and penetration
- Host perception by parasites
Coutinho FAB; Griffin M; Thomas JD
1981 Parasitology 82 (1) Feb 111-120 Wa
schistosomiasis, modification of Macdonald's model for transmission of schistosomiasis incorporating snail host-locating efficiency of miracidium
- Host perception by parasites
Gaugler R et al
1980 Environment Entom 9 (5) Oct 649-652 Wa
Neoaplectana carpocapsae, orientation behavior of infective stage juveniles in response to CO₂, results suggest this compound aids host finding
- Host perception by parasites
Haggart DA; Davis EE
1980 J Insect Physiol 26 (8) 517-523 Wa
Rhipicephalus sanguineus, electrophysiological evidence for ammonia-sensitive neurones on first tarsi, behavioral bioassay supports concept that ammonia plays role in directing host-seeking or other behaviors
- Host perception by parasites
Kearn GC
1980 Parasitology 81 (1) Aug 71-89 Wa
Entobdella soleae, oncomiracidia hatched with and without chemical stimulation in light and in darkness, light and gravity responses in relation to larval age and their role in host location
- Host perception by parasites
Keshavarz-Valian H; Nollen PM; Maynard G
1981 J Parasitol 67 (4) Aug 527-530 Wa
Philophthalmus gralli, responses of miracidia to various chemicals stimulative to other miracidial species, miracidial behavior was klinokinetic rather than chemotactic
- Host perception by parasites
Kuris AM; Warren J
1980 J Parasitol 66 (4) Aug 630-635 Wa
Echinostoma liei, mortality of previously uninfected second intermediate host Biomphalaria glabrata of different ages following exposure to cercarial penetration, relative role of cercarial penetration vs. presence of encysted metacercariae in pericardial sac, observations on cercarial infectivity and host searching; results suggest echinostome penetration and encystment may be unlikely to contribute much to population control of these snails in nature
- Host perception by parasites
LaRochelle PB; Dimock RV jr
1981 Oecologia 48 (2) 257-259 Wa
Unionicola formosa, occurrence and specificity of host recognition behavior of adult and nymphal mites, ability of adult mites to recolonize hosts: North Carolina; South Carolina
- Host perception by parasites
Pye AE; Burman M
1981 Exper Parasitol 51 (1) Feb 13-20 Wa
Neoaplectana carpocapsae, nematode accumulations on chemical and bacterial gradients, results may help understand infection processes and provide tools for enhancing spread of nematode to targeted pest insects
- Host perception by parasites
Roberts TM; Linck RW; Chernin E
1980 J Exper Zool 211 (2) Feb 137-142 Wa
Schistosoma mansoni, role of cilia and sub-epithelial muscles in turning behavior of stimulated miracidia
- Host perception by parasites
Saladin KS
1979 Ztschr Parasitenk 60 (3) 197-210 Wa
behavioral parasitology and perspectives on miracidial host-finding, review
- Host perception by parasites
Webb JP jr
1979 J Med Entom 16 (5) Nov 23 437-447 Wa
Ornithodoros concanensis nymphs, host-locating behavior, effect of various stimuli (carbon dioxide, host odor and heat, tick odor, contact, gravity, light)
- Host perception by parasites
Yoshida T
1980 Applied Entom and Zool 15 (3) Aug 198-206 Wa
Haemaphysalis longicornis larvae, measuring apparatus for recording larval movement; diurnal activity and behavior during light and darkness and at different temperatures, tick response to increased CO₂ in air, theory for host perception
- Host resistance See Resistance, Host
- Host specificity See Specificity, Host
- Host, Transport See Vectors, Mechanical
- Humidity [See also Climate and weather; Desiccation; Water]
- Humidity
Ansari MZ; Singh KS
1981 Indian J Animal Sc 51 (4) Apr 459-465 Wa
Gigeria pachyscelis, goats, sheep, monthly incidence and intensity of infection, effect of temperature and relative humidity on embryonic development and hatching of eggs and on formation of pre-parasitic larval stages: abattoir of Bareilly, India
- Humidity
Arlian LG et al
1981 Am J Vet Research 42 (10) Oct 1782-1784 Wa
Psoroptes cuniculi, off-host survival times for male and female mites as function of ambient temperature and relative humidity conditions, implications for control of transmission
- Humidity
Bergler KG; Erber M; Boch J
1980 Berl u Munchen Tierarztl Wchnschr 93 (15) Aug 1 288-293 Wa
coccidia, survival of sporocysts and oocysts under artificial and natural climatic conditions

Humidity

Cook IM; Spain AV
1981 Austral J Zool 29 (1) 7-14 Wa
Haematobia irritans exigua, immature stages, rates of development in relation to temperature and dung moisture levels, female pupae developed more rapidly than male pupae at all temperatures

Humidity

Das HL; Subramanian G
1972 Acarologia 13 (3) May 496-501 Issued Apr 28 Wa
Hyalomma marginatum isaaci, life cycle in laboratory, effects of temperature and humidity, host preference, 2- vs. 3-host cycle

Humidity

DeVaney JA; Beerwinkle KR
1980 Poultry Science 59 (10) Oct 2198-2201 Wa
Ornithonyssus sylviarum, off-host survival, manipulation of ambient temperature and humidity would be effective in exterminating mites on inanimate objects, microwave irradiation had no lethal effect

Humidity

Goodenough JL; Snow JW
1979 J Med Entom 16 (2) Sept 28 95-103 Wa
Cochliomyia hominivorax, capture in modified time-interval electrocutor grid trap, correlation with temperature and humidity, variation in diurnal pattern and capture rates, comparison with *C. macellaria* responses: Texas

Humidity

Haq N; Reisen WK; Aslamkhan M
1981 J Invert Path 37 (3) May 236-242 Wa
Nosema algerae in *Anopheles stephensi* (exper.), effects of different spore dosages on horizontal life table attributes of mosquitoes reared under controlled insectary conditions, implications for biological control of this malaria vector mosquito

Humidity

Heath ACG
1981 Internat J Parasitol 11 (2) Apr 169-175 Wa
Haemaphysalis longicornis, *Ixodes holocyclus*, *Rhipicephalus sanguineus*, engorged larvae, effect of temperature and humidity on survival, molting, and rate of development, temperature and humidity preferences reflected climate within geographic ranges of tick species

Humidity

Heydorn AO
1980 Berl u Munchen Tierarztl Wchnschr 93 (14) July 15 267-270 Wa
Sarcocystis bovicanis sporocysts, effect of various physical factors on excystation and viability of excysted sporozoites in vitro, subsequent infectivity to calves

Humidity

Holscher KH; Gearhart HL; Barker RW
1980 Ann Entom Soc Am 73 (3) May 15 288-292 Wa
Amblyomma americanum, *A. maculatum*, *Dermacentor variabilis*, olfactory perception of carbon dioxide, effect of sex, age, humidity, temperature, and carbon dioxide preconditioning; field study with laboratory-reared *A. americanum* adults of various ages

Humidity

Kimura S; Shimizu A; Kawano J
1980 J Parasitol 66 (4) Aug 699-700 Wa
Fasciola gigantica, extermination of metacercariae sticking to grasses by exposure to temperature of 200 C and 12% relative humidity, conjectured that infection cannot be induced by feeding cattle dried metacercariae sticking to rice plants

Humidity

Koch HG; Dunn JC
1980 Southwest Entom 5 (3) Sept 169-174 Wa
Amblyomma americanum, oviposition, egg hatch, and larval survival at different temperatures and humidities

Humidity

Levine ND
1980 Internat J Biometeorol 24 (4) Dec 341-346 Wa
weather and the ecology of bursate nematodes, review

Humidity

Majaro OM; Dipeolu OO
1981 Vet Quart 3 (2) Apr 85-90 Wa
Coccidia in trade cattle, sheep, and goats, seasonal incidence in relation to temperature, humidity, and rainfall: Nigeria

Humidity

Maske DK; Ruprah NS
1981 Indian J Animal Sc 51 (4) Apr 494-497 Wa
psoroptic mange, buffaloes, prevalence by season, climate, host sex and age, temperature, and relative humidity: Haryana, India

Humidity

Maske DK; Ruprah NS
1981 Indian J Animal Sc 51 (5) May 563-564 Wa
Psoroptes communis var. *Bos bubalis* (*Psoroptes natalensis*), in vitro survival of different stages and hatchability of eggs at various temperatures and relative humidities

Humidity

Mishra GS et al
1979 Rev Elevage et Med Vet Pays Trop 32 (4) 353-359 Wa
parasites, calves, coproscopic and hematocopic survey, mortality rate in relation to host age and season of year: nord de la Cote-d'Ivoire

Humidity

Rechav Y
1979 J Med Entom 16 (2) Sept 28 150-163 Wa
Amblyomma hebraeum, *Rhipicephalus appendiculatus*, *R. evertsi evertsi*, larvae, nymphs, adults, vertical and horizontal migration under field conditions, relationship among dispersal patterns, ecological factors (wind, humidity), and methods commonly used in studying tick populations

Humidity

Rose JH; Small AJ
1980 Parasitology 81 (3) Dec 507-517 Wa
Oesophagostomum dentatum, development and survival of free-living stages in natural environments out-of-doors (effect of climatic conditions) and under controlled conditions in laboratory (effect of temperature and humidity)

- Humidity**
Schowalter DB et al
1980 J Wildlife Dis 16 (2) Apr 189-194 Wa
Toxoplasma gondii in Mephitis mephitis, serological survey, indirect hemagglutination test, prevalence by host age groups and by humid vs. arid biomes, antibody titres by month and season: Alberta; Saskatchewan
- Humidity**
Short NJ; Norval RAI
1981 Trop Animal Health and Prod 13 (1) Feb 19-26 Wa
Rhipicephalus appendiculatus (vector of Theileria parva), seasonal occurrence, regulatory roles of different climatic factors (humidity, temperatures, daylength), simple model which can be used to predict seasonal occurrence of adults: Africa
- Humidity**
Short NJ; Norval RAI
1981 J Parasitol 67 (1) Feb 77-84 Wa
Rhipicephalus appendiculatus, larvae, nymphs, adults, seasonal activity, vertical migration of adults on vegetation, influence of climatic factors (temperature, humidity, day length)
- Humidity**
Silverman J; Rust MK; Reiersen DA
1981 J Med Entom 18 (1) Feb 78-83 Wa
Ctenocephalides felis, cats (exper.), influence of temperature and humidity on survival, development, and adult longevity
- Humidity**
Siuda K
1981 Folia Biol Warszawa 29 (1) 9-39 Wa
Argas polonicus, effect of temperature and relative humidity on embryonic development and egg hatch, laboratory study
- Humidity**
Sood ML; Kaur R
1977 Indian J Helminth 27 (1) Mar 1975 11-16 Issued Mar 19 Wa
Haemonchus contortus in abomasums of goats, seasonal worm burden, incidence, intensity, temperature, and humidity: abattoirs at Ludhiana
- Humidity**
Subbotin NF; Karelin ST
1979 Veterinariia Moskva (8) Aug 46-47 Wa
fascioliasis, sheep, seasonal dynamics, precipitation, air temperature, snail populations, acemidophene, 1974-1976: Kursk oblast
- Humidity**
Talybov AN
1975 Parazitologiya Leningrad 9 (4) July-Aug 354-358 Wa
Ctenophthalmus wladimiri, duration of survival under laboratory conditions of various temperatures and humidities
- Humidity**
Tarry DW
1980 Vet Rec 106 (26) June 28 559-560 Wa
Hypoderma bovis, cattle, correlation between infestation (measured by hide damage) and various weather factors during previous summer (taken from monthly weather reports for England, Wales, and Scotland), graphical and statistical methods
- Humidity**
Tripathi JC
1980 Indian Vet J 57 (4) Apr 305-309 Wa
gastro-intestinal nematodes, effect of temperature and moisture on survival of eggs and infective larvae in goat faeces, field and laboratory experiments: Dehra Dun district, India
- Humidity**
Vinayak VK; Chitkara NL; Chhuttani PN
1979 Indian J Med Research 70 Oct 609-614 Wa
Ancylostoma duodenale, survival of larvae in various soil types and under various climatic conditions and seasons
- Hybridization**
Crane MSJ; Dvorak JA
1980 Science (4440) 208 Apr 11 194-196 Wa
Trypanosoma cruzi, fusion between epimastigote stage and 2 different mammalian cell types, production of hybrids that express parasite-specific antigen
- Hybridization**
Gabaldon A; Ulloa G
1980 Tr Roy Soc Trop Med and Hyg 74 (4) 501-507 Wa
avian malaria, high parasite rates in nestlings, low rates in adult birds, high densities and sporozoite rates of local vector Aedeomyia squamipennis and increasing parasite rates in nestlings with age suggest great intensity of transmission, situation is regarded as form of holoendemicity which is probably cause of population control, possibility of parasite hybridization: Venezuela
- Hybridization**
Howell MJ
1981 Internat J Parasitol 11 (3) June 235-242 Wa
Fasciola hepatica, formation of hybrid cells between liver fluke cells and rat fibroblast cell line, hypoxanthine-guanine phosphoribosyl transferase activity in hybrids was of F. hepatica rather than rat origin, possible approach to production of helminth antigens in vitro
- Hybridization**
Khalil GM; Hoogstraal H; Oliver JH jr
1980 Internat J Parasitol 10 (4) Aug 253-259 Wa
Argas arboreus, A. robertsi, experimental cross-breeding, results suggest both genetic and cytoplasmic incompatibility between the 2 species
- Hybridization**
Knowles C; Sanderson A; Walliker D
1981 Exper Parasitol 52 (2) Oct 243-247 Wa
Plasmodium yoelii yoelii, Plasmodium yoelii nigeriensis, new electrophoretic variants of adenosine deaminase which differentiate these 2 subspecies, genetic analysis of crosses between these 2 subspecies
- Hybridization**
Le Jambre LF
1981 Internat J Parasitol 11 (4) Aug 323-330 Wa
Haemonchus contortus from Louisiana, H. contortus cayugensis, H. placei, hybridization, fertility and percent developing to 3rd stage, ability to develop at 11 and 13°C, vulvar morph types, meiosis

Hybridization

Le Jambre LF; Royal WM
1980 Internat J Parasitol 10 (4) Aug 281-286
Wa
Haemonchus contortus, H. placei, meiotic abnormalities in backcross lines of hybrid Haemonchus

Hybridization

Tait A
1980 Nature London (5782) 287 Oct 9 536-538 Wa
Trypanosoma brucei brucei, series of isolates screened for electrophoretic variation in 19 enzymes, strong evidence that trypanosomes are diploid and undergo random mating and recombination

Hybridization

Thompson GD et al
1981 Experientia 37 (2) Feb 15 127-128 Wa
Boophilus annulatus, B. microplus, male offspring resulting from interspecific crosses are sterile, hybrid females produce sterile sons through 3 backcross generations, sustained infertility of hybrid males may provide mechanism that could be utilized in control program

Hybridization

Wright CA; Ross GC
1980 Tr Roy Soc Trop Med and Hyg 74 (3) 326-332
Wa
Schistosoma haematobium, S. mattheei, laboratory-bred hybrids, natural hybrids from human infections in Transvaal, biological features, identification by isoelectric focusing of enzymes, possible practical implications

Hybridomas See Immunity, Monoclonal antibodies

Hydrogen ion concentration

Christensen NO; Frandsen F; Roushdy MZ
1980 Ztschr Parasitenk 64 (1) 47-63 Wa
Echinostoma liei, influence of various physico-chemical environmental conditions on egg hatchability; miracidial host-finding capacity and level of parasitisation in Biomphalaria glabrata, susceptibility of different snails to infection, cercarial and metacercarial infectivity in relation to some first and second intermediate host-related factors, cercarial shedding, metacercarial longevity

Hydrogen ion concentration

Eiler H et al
1981 Am J Vet Research 42 (3) Mar 498-502 Wa
effect of pH on survival rate of adult Oster-tagia ostertagi, effect of O. ostertagi extract on hydrochloric acid secretion in rat stomach, effect of cimetidine (HCl secretion blocker) compared with that of O. ostertagi extract

Hydrogen ion concentration

de Groot ER et al
1980 Immunol Commn 9 (5) 515-528 Wm
Crithidia luciliae, high-avidity human antibody to double-stranded DNA (dsDNA) could be virtually completely dissociated from kinetoplast dsDNA at pH 12 and low-avidity antibody at pH 11

Hydrogen ion concentration

Gupta V; Agarwal SK
1979 Indian J Helminth 29 (1-2) Mar-Sept 1977
93-103 Issued Feb 28 Wa
Gastrothylax crumenifer, in vitro survival in 5 basic salt solutions and in presence of simple carbohydrates, effect of pH, absorption of carbohydrates through cuticle under aerobic conditions

Hydrogen ion concentration

Jarroll EL; Bingham AK; Meyer EA
1981 Applied and Environment Microbiol 41 (2) Feb 483-487 Wa
Giardia lamblia, effect of chlorine on cyst viability under variety of conditions of temperature, pH, chlorine-cyst contact time, and chlorine concentration, epidemiological implications

Hydrogen ion concentration

Kobiler D; Mirelman D
1981 J Infect Dis 144 (6) Dec 539-546 Wa
Entamoeba histolytica trophozoites, adhesion to monolayers of host cells is dependent on time, temperature, pH, and concentration and is mediated by carbohydrate binding protein (lectin) in the parasite membrane, adhesion is inhibited by such mechanisms as glucosamine-containing glycoconjugates, IgA, sera from patients with amoebiasis and IgG fraction from these sera

Hydrogen ion concentration

Langham ME; Kramer TR
1980 Tropenmed u Parasitol 31 (1) Mar 59-66 Wa
Onchocerca volvulus, in vitro effect of diethylcarbamazine on motility and survival of microfilariae; preliminary studies include information on effect of pH on microfilarial survival

Hydrogen ion concentration

Lutz PL; Iversen ES; Tocci PM
1981 J Parasitol 67 (2) Apr 280-281 Wa
Hirudinella ventricosa, protonephridial fluid, pH, chloride ion concentration, osmotic pressure, amino acid composition

Hydrogen ion concentration

Osuna Carrillo A et al
1977 Rev Iber Parasitol 37 (3-4) July-Dec 365-374 Wa
Taenia hydatigena, in vitro evagination, effect of 4 pH values and 3 different dissolved O₂ tensions

Hydrogen ion concentration

Ouhelli H et al
1979 Rev Elevage et Med Vet Pays Trop 32 (4) 347-352 Wa
parasites of horses, distribution in stomach, relationship to inter-specific interactions and to pH: region de Settat (Maroc)

Hydrogen ion concentration

Ramajo Martin V
1979 Rev Iber Parasitol 39 (1-4) Jan-Dec 251-260 Wa
Schistosoma bovis miracidia, effect of temperature and pH on survival and activity, application to transmission dynamics: Salamanca province, Spain

Hydrogen ion concentration

Weik SMK; Weik RR; John DT
1980 Proc Helminth Soc Washington 47 (2) July 270-272 Issued Aug 25 Wa
Naegleria fowleri, N. gruberi, effect of inoculum size and pH on growth in vitro

- Hygiene See Sanitation and hygiene
- Hyperparasitism
Canning EU; Olson AC jr
1980 J Parasitol 66 (1) Feb 154-159 Wa
Nosema lepecrearii sp. n. hyperparasitic in
Lepocreadium manteri (vitelline system) from
Leuresthes tenuis (gut), prevalence and site of
infection, development: San Diego Co., Cali-
fornia
- Hyperparasitism
Costa CAF; Bradley RE
1980 J Invert Path 35 (2) Mar 175-181 Wa
Nosema algerae, a mosquito pathogen, experi-
mental hyperparasitism of Fasciola hepatica in
Lymnaea cubensis; results seem to question the
host range as a factor in the taxonomy of
microsporidia
- Hyperparasitism
Freymuller E; Camargo EP
1981 J Protozool 28 (2) May 175-182 Wa
trypanosomatids with and without endosymbionts,
ultrastructural differences (intraflagellar
structure, peripheral mitochondrial branching,
kinetoplast DNA fibrils)
- Hyperparasitism
Fukuda T; Yamamoto S
1981 Japan J Med Sc and Biol 34 (2) Apr 103-107
Wa
Stellantchasmus falcatus, neorickettsia-like
organism isolated from metacercariae
- Hyperparasitism
Goetz P; Boman A; Boman HG
1981 Proc Royal Soc London Biol Sc (1188) 212
July 14 333-350 Wa
Neoaplectana carpocapsae and its associated
bacterium in Hyalophora cecropia (exper.),
symbiotic relationship between nematode and
bacteria and its survival value against induced
insect immunity
- Hyperparasitism
Kaya HK; Hara AH
1980 J Invert Path 36 (3) Nov 389-393 Wa
Neoaplectana carpocapsae and its associated
bacterium, infectivity to 3 species of lepi-
dopterous pupae
- Hyperparasitism
Kritscher E
1980 Ann Naturh Mus Wien 83 1979 641-650 Issued
Dec Wa
Acanthocephalus lucii found attached to pro-
glottids of Proteocephalus macrocephalus in
Anguilla anguilla (intestine), case of pseudo-
hyperparasitism: Neusiedlersee
- Hyperparasitism
Lai PF; Canning EU
1980 Internat J Parasitol 10 (4) Aug 293-301
Wa
Nosema algerae derived from Anopheles
stephensi, replication in Pieris brassicae,
susceptibility of Schistosoma mansoni to
infection in relation to spore dose and age of
trematodes, effect of infection on cercaria
production, histology
- Hyperparasitism
Lewis JW; Ball SJ
1980 J Parasitol 66 (6) Dec 948-953 Issued May 6
1981 Wa
Trypanosoma cobitis in Hemicleipsis marginata,
ultrastructure of epimastigotes, presence of
bacteria-like bodies in cytoplasm
- Hyperparasitism
Lewis JW; Ball SJ
1981 Ann Trop Med and Parasitol 75 (5) Oct
533-538 Wm
Trypanosoma cobitis epimastigotes in culture,
ultrastructure, occurrence of micro-organisms
in cytoplasm
- Hyperparasitism
Lewis JW; Ball SJ
1981 Internat J Parasitol 11 (2) Apr 121-125 Wa
Trypanosoma cobitis, presence of bacteria-like
micro-organisms in all stages of life cycle
- Hyperparasitism
LoVerde PT; Amento C; Higashi GI
1980 J Infect Dis 141 (2) Feb 177-185 Wa
Salmonella typhimurium, in vitro association
with 3 human Schistosoma spp., sex of worms,
mechanism of interaction between Salmonella and
surface tegument of Schistosoma, scanning elec-
tron microscopy
- Hyperparasitism
Luetzen J; Nielsen K
1975 Vidensk Medd Dansk Naturh Forening 138 Dec
171-199 Wa
Echineulima spp., sea urchins, mode of attach-
ment, structure of alimentary tract, probosci-
deal movements and feeding, reproductive or-
gans, oviposition, possible hermaphroditism,
sporozoans found in E. mittrei (mantle and
digestive glands)
- Hyperparasitism
Olson AC jr
1978 Proc Helminth Soc Washington 45 (2) July
155-157 Issued Aug 30 Wa
Lepocreadium manteri sp. n., hyperparasitized
by unidentified microsporidan: San Diego Bay,
San Diego Co., California
- Hyperparasitism
Owczarzak A; Stibbs HH; Bayne CJ
1980 J Invert Path 35 (1) Jan 26-33 Wa
Schistosoma mansoni mother sporocysts destroyed
in vitro by penetrating amoebae, Nuclearia sp.,
isolated from Biomphalaria glabrata, ultra-
structural study, possible role in snail resis-
tance to S. mansoni
- Hyperparasitism
Payne WL et al
1980 J Parasitol 66 (1) Feb 150-153 Wa
Sulcascaris sp. and its protozoan hyperparasite
Urosporidium spisuli surveyed in Spisula soli-
dissima and in processed clam products (that
may also contain meat of Artica islandica),
decrease in nematode contamination of clams and
in hyperparasitism compared to previous sur-
veys: U.S. Atlantic coast
- Hyperparasitism
Poinar GO jr; Hess RT; Cole A
1980 Intervirology 14 (5-6) 316-320 Wa
Mermithidae, iridovirus in tissues of nematode
parasitic in Porcellio scaber and Armadillidium
vulgare, first report of known virus replicat-
ing in a nematode: California
- Hyperparasitism
Smit FGAM
1978 Entom Month Mag (1356-1359) 113 May-Aug
1977 155 Issued Sept 11 Wa
Palaeopsylla soricis, presence of undescribed
tylenchoid and Hymenolepis scutigera in abdo-
minal cavity: Wiltshire, England

Hyperparasitism

Wright KA

1979 Proc Helminth Soc Washington 46 (2) July
213-223 Issued Aug 14 Wa

Rhigonema infecta in Narceus annularis (ileum), associated with fungus Enterobryus elegans, attachment of fungus holdfast to millipede and nematode cuticles, scanning and transmission electron microscopy; fungus only rarely found on Johnstonia sp. and Aorurus sp. in N. annularis (posterior hindgut); extensive bacterial flora present: Georgian Bay, Ontario

Hypersensitivity, Delayed See Immunity, Cell-mediated

Hypersensitivity, Immediate See Immunity, Allergy

Hypobiosis See Development

Icterus See Jaundice

Identification See Diagnosis

Illumination See Light

Immobilization test See Immunity, Immobilization

Immune complexes See Immunity, Immune complexes

Immunity [See also Resistance, Host]

Immunity

Abbas AK; James SL; Sher A
1981 J Immunol 126 (3) Mar 1022-1024 Wm
Schistosoma mansoni, immunogenicity of haptenated skin-stage vs. lung-stage schistosomula in vitro, observations suggest that maturation of schistosomula in vivo is accompanied by decline in their immunogenicity, may be adaptive mechanism to promote survival in host environment

Immunity

Abdel Wahab KSE et al
1978 J Egypt Med Ass 61 (3-4) 263-283 Wm
Schistosoma mansoni-infected mice superinfected with one or more Coxsackie type virus, changes in induced pathology and in mouse spleen lymphocyte responses (measured by lymphocyte migration inhibition test)

Immunity

Abouzckham AA; Buttner A
1980 Ann Parasitol 55 (2) Mar-Apr 199-207 Wa
Schistosoma mansoni, mice, development of hepatic granulomas in challenge infections, effect of time between initial and challenge infections, effect of size of initial infecting dose

Immunity

Ackerman S et al
1981 J Parasitol 67 (5) Oct 737-740 Wa
Dermacentor variabilis, host albumin, transferrin, and IgG were detectable in hemolymph of ticks after feeding, IgG retained antibody activity

Immunity

Ackerman S; Floyd M; Sonenshine DE
1980 J Med Entom 17 (5) Sept 30 391-397 Wa
Dermacentor variabilis-infested Rattus norvegicus (exper.), immunization with extracts derived from whole ticks vs. tick midguts, effect on tick responses (temporal dynamics of attachment/detachment; body weights of engorged females; egg production and egg hatching) indicates resistance may be functioning internally within the tick, not in host tissues at bite site

Immunity

Ackerman SJ et al
1981 J Immunol 127 (3) Sept 1093-1098 Wm
Wuchereria bancrofti, human, eosinophilia and elevated serum levels of eosinophil major basic protein and Charcot-Leyden crystal protein after treatment with diethylcarbamazine

Immunity

Ackers JP
1979 Immunol Aspects Infect Dis 77-115 Wa
normal immune responses to protozoal infections, review

Immunity

Adams DB
1981 Internat J Parasitol 11 (4) Aug 309-317 Wa
Haemonchus contortus, sheep during primary infection and during recovery from infection which followed anthelmintic treatment, changes in blood leukocytes, bone marrow, and lymphoid organs, in vitro reactivity of blood lymphocytes to parasite antigen, haemagglutinating antibody response to rat erythrocytes, immunological basis for selective unresponsiveness to parasite antigen has yet to be clarified

Immunity

Adams DB; Beh KJ
1981 Internat J Parasitol 11 (5) Oct 381-386 Wa
Haemonchus contortus, sheep undergoing sequence of primary, secondary, then tertiary infection, induction of acquired immunity, haemagglutinating antibody titres

Immunity

Adams DB; Merritt GC; Cripps AW
1980 Austral J Exper Biol and Med Sc 58 (2) Apr 167-177 Wa
Trichostrongylus colubriformis, immune sheep undergoing challenge infection, intestinal lymph and local antibody and immunoglobulin response, failure to transfer passive protection with either immune serum or immune intestinal lymph

Immunity

Adams DB; Rothwell TLW
1980 Cellular Immunol 55 (1) Sept 15 1-11 Wa
Trichostrongylus colubriformis, guinea pigs, adoptive transfer of protective immunity, results suggest that both recirculating lymphocytes and sessile elements in lymph nodes are concerned with immunological memory for the parasite

Immunity

Aggarwal A et al
1980 Ann Trop Med and Parasitol 74 (3) June 369-371 Wa
Giardia lamblia, corticosteroid/irradiation-treated immune-depressed mice were more susceptible to infection which indicates presumed role of cellular and humoral immunity in giardiasis

Immunity

Ahmed JS et al
1981 Tropenmed u Parasitol 32 (1) Mar 55-57 Wa
Trypanosoma b. brucei, T. congolense, influence of infection on formation of E, EA, and EAC rosettes with peripheral blood lymphocytes from calves

Immunity

Aikat BK et al
1979 Indian J Med Research 70 Oct 583-591 Wa
Kala-azar, humans, immunological responses: Bihar

Immunity

Aikawa M et al
1981 J Immunol 126 (6) June 2494-2495 Wm
Plasmodium berghei, protective antigen of sporozoites is a differentiation antigen

Immunity

Aikawa M et al
1981 J Protozool 28 (3) Aug 383-388 Wa
Plasmodium gallinaceum, interaction of monoclonal antibodies with gametes, electron microscopic study

Immunity

- Akiyama T et al
1981 J Dermat 8 (1) Feb 43-46 Wm
Onchocerca volvulus, increased levels of IgG and IgE in infected Guatemalan patients, no differences found in IgA and IgM levels, quantitative determinations using laser immunoassay or radioimmunosorbent assay

Immunity

- Albers GAA
1981 Mededel Landbouwhogeschool Wageningen 81 (1) 118 pp Wa
Cooperia oncophora, calves (exper.), genetic resistance to infection

Immunity

- Albright JW; Albright JF
1981 Infect and Immun 33 (2) Aug 364-371 Wa
Trypanosoma musculi, various strains of inbred mice, differences in resistance to infection, analysis of possible mechanisms, concluded that variations in immune responsiveness to parasite antigens (probably not associated with H-2 complex and possibly in concert with variations in a non-immunological mechanism) are responsible

Immunity

- Alcantara A; Brener Z
1978 Acta Trop 35 (3) Sept 209-219 Wa
Trypanosoma cruzi, Y vs. CL strain, uptake by and further development in mouse peritoneal macrophages, effect of opsonization

Immunity

- Alexander J; Phillips RS
1980 Exper Parasitol 49 (1) Feb 34-40 Wa
Leishmania mexicana, L. tropica major, mice, adoptive transfer of immunity

Immunity

- Ali-Khan Z; Siboo R
1980 Ztschr Parasitenk 62 (3) 255-265 Wa
Echinococcus multilocularis, mice infected with subcutaneous alveolar hydatid cysts, intense plasmacellular infiltration in paracortex of draining lymph nodes

Immunity

- Al Karmi TO; Faubert GM
1981 J Parasitol 67 (5) Oct 685-691 Wa
Trichinella spiralis, T. pseudospiralis, intra muscular larvae, morphology and mobility studied by scanning electron microscopy, closed circuit television, and video tape recording, absence of capsule around or host cellular reaction to T. pseudospiralis

Immunity

- Al-Khalidi NW; Weisbrode SE; Dubey JP
1980 Am J Vet Research 41 (9) Sept 1549-1551 Wa
Toxoplasma gondii, ponies (exper.), pathogenicity, serologic responses, effect of corticosteroids, and distribution in various tissues

Immunity

- Allan D et al
1981 Parasite Immunol 3 (2) Summer 137-142 Wa
Echinococcus granulosus equinus, BALB/c mice infected either by protoscolices or cyst-passage exhibit non-specific suppression that is capable of causing marked and significant suppression to sheep erythrocytes when their mesenteric lymph node cells are adoptively transferred but there is a significant decrease in numbers of Thy-1 cells in these MLNC transplants, possible function of Ly-2,3⁺ cells not only as suppressor but as alloreactive cytotoxic cells discussed as possible autoimmune explanation for longevity of parasite within mouse model

Immunity

- Allison AC et al
1979 Trop Dis Research Ser (1) 151-182 Wa
Babesia microti, mice, role of spleen in protection against infection, review

Immunity

- Allison AC; Eugui EM
1981 Am J Path 102 (1) Jan 114-120 Wa
theileriosis, lymphoid organ changes in infected cattle, establishment of lymphoid cell lines containing parasites, humoral and cell-mediated immunity, symposium presentation

Immunity

- Altaif KI; Al-Abbassy SN; Abboud HB
1980 Parasitology 80 (2) Apr 233-240 Wa
Haemonchus contortus, Awassi sheep, response to primary infection and subsequent challenge

Immunity

- Andreassen J
1981 Parasitology 82 (4) July 153-159 Wa
Immunity to adult cestodes, Workshop Proceedings, 3. European Multicolloquium on Parasitology

Immunity

- Andreassen J; Hopkins CA
1980 J Parasitol 66 (6) Dec 898-903 Issued May 6 1981 Wa
Hymenolepis diminuta, immunologically mediated rejection from rats

Immunity

- Anosa VO
1980 Zentralbl Vet Med Reihe B 27 (3) 169-180 Wa
Trypanosoma brucei in splenectomised and intact mice (exper.), parasitaemia, plasma volumes, leucocyte and bone marrow cell counts, moribund state

Immunity

- Anteonis A et al
1980 Compt Rend Acad Sc Paris 290 s D Sc Nat (14) Apr 14 979-981 Wa
Trichinella spiralis, ultrastructural study of destruction of new born larvae by normal peritoneal cells (eosinophils and macrophages) in presence of immune serum

Immunity

- Anwar ARE; et al
1980 J Immunol 124 (3) Mar 1122-1129 Wm
Schistosoma mansoni, human eosinophil- and neutrophil-mediated killing of schistosomula in vitro, enhancement of complement-dependent damage by mast cell-derived mediators and formyl methionyl peptides

- Immunity**
Ardehali S et al
1980 Ann Trop Med and Parasitol 74 (4) Aug 439-445 Wa
cutaneous leishmaniasis, human, chronic (lupoid) form, clinical aspects, histology, skin tests with leishmanin and PPD, indirect fluorescent antibody and direct agglutination tests: Iran
- Immunity**
Aryanpour J; Hafizi A; Modabber F
1980 Infect and Immun 27 (3) Mar 1038-1040 Wa
Toxoplasma gondii-infected thymectomized, irradiated, and bone marrow-reconstituted (T-deprived) mice, antibody titers, lack of IgM suppression by IgG antibody
- Immunity**
Auriault C et al
1981 Cellular Immunol 62 (1) July 15 15-27 Wa
Schistosoma mansoni, interaction between macrophages and schistosomula: role of non-specific IgG peptides or aggregates on modulation of beta-glucuronidase release and cytotoxicity against schistosomula, parasite proteolytic enzymes responsible for presence of inhibitory IgG peptides
- Immunity**
Auriault C et al
1981 Parasite Immunol 3 (1) Spring 33-44 Wa
Schistosoma mansoni, proteolytic cleavage of IgG bound to Fc receptor of schistosomula
- Immunity**
Aust-Kettis A; Sundqvist KG
1980 Scand J Immunol 12 (5) Nov 443-451 Wa
Entamoeba histolytica, redistribution and internalization of anti-amoeba antibodies at parasite surface, distinction between surface-bound and internalized antibodies
- Immunity**
Aust-Kettis A; Thorstensson R; Sundqvist KG
1981 Scand J Immunol 13 (5) 473-481 Wa
Entamoeba histolytica, fate of antibodies after binding to cell surface
- Immunity**
Baillenger J et al
1981 Ann Parasitol 56 (3) 317-327 Wa
Strongyloides ratti, rats, repeated infections, parasitemia and corticosteronemia
- Immunity**
Baillenger J; Chanraud JB; Cabannes A
1981 Ann Parasitol 56 (3) 329-338 Wa
Strongyloides ratti, rats, reinfection after spontaneous recovery, parasitemia and corticosteronemia
- Immunity**
Ballet JJ et al
1981 Infect and Immun 33 (3) Sept 758-762 Wa
Plasmodium falciparum in continuous cultures, parasite-derived mitogenic activity for human T cells
- Immunity**
Banks KL
1980 J Parasitol 66 (1) Feb 34-37 Wa
Trypanosoma congolense adhesion to host red blood cells followed by immune response to parasite may damage infected host by 'innocent bystander' mechanisms
- Immunity**
Bany J
1980 Bull Acad Polon Sc Cl II s Sc Biol 28 (1-2) 95-104 Wa
Trichinella spiralis, T. pseudospiralis, antigenic similarities to host as reflection of host-parasite specificity, discussion of the endoparasite as a natural graft
- Immunity**
Barrabes A et al
1980 Ann Parasitol 55 (6) Nov-Dec 671-677 Wa
Schistosoma mansoni, castrated female hamsters, effect of administration of estradiol, testosterone, or progesterone on intensity of parasitism and on rate of circulating antibodies (indirect immunofluorescence), no relationship between level of serum antibodies and number of worms
- Immunity**
Barrabes A et al
1981 J Pharm Belg 36 (2) Mar-Apr 91-96 Wa
Schistosoma mansoni in golden hamsters (ex-per.), effects of 2 anti-estrogens (tamoxifene, clomifene) on intensity of infection and serum specific antibody levels, indirect immunofluorescence test
- Immunity**
Barriga OO
1980 J Parasitol 66 (5) Oct 730-734 Wa
Trichinella spiralis, responses of B-cells to mitogens and antigen in mice receiving isogenic splenocytes from animals treated with parasite extract, simultaneous stimulatory and inhibitory effects on immune system of recipients
- Immunity**
Bautista CR; Kreir JP
1980 Tropenmed u Parasitol 31 (3) Sept 313-324 Wa
Babesia microti, action of macrophages and immune serum on growth of parasites in short-term cultures
- Immunity**
Bawden MP et al
1979 Bull World Health Organ 57 suppl 1 205-209 Wa
Plasmodium berghei, rats, mice, vaccination with irradiated sporozoites, serological evaluation of the antigen and of antibody responses using indirect fluorescent antibody test
- Immunity**
Bazin H; et al
1980 J Immunol 124 (5) May 2373-2377 Wm
Schistosoma mansoni, rats, effect of neonatal injection of anti- μ antibodies on immunoglobulin levels, on in vitro cytotoxicity assays, on immunity to primary infection, and on immunity to reinfection
- Immunity**
Behbehani K; Pan SC; Unanue ER
1981 Clin Immunol and Immunopathol 19 (2) May 190-195 Wm
Trypanosoma cruzi-infected mice, marked increase in Ia-bearing macrophages, part of influx is mediated by immune T cells
- Immunity**
Behnke JM; Parish HA
1981 Parasite Immunol 3 (3) Autumn 249-259 Wm
Nematospiroides dubius, mice, passive transfer of immunity with immune serum (IS) or immune mesenteric lymph node cells (IMLNC), greater protection in mice which received both IS + IMLNC

Immunity

Behnke JM; Parish HA; Hagan P
1980 J Helminth 54 (3) Sept 173-182 Wa
Nematospiroides dubius, mice, course of primary infection with irradiated worms, male worms more susceptible to irradiation than females, worm survival related to extent of damage caused at time of irradiation but not dependent on host sex, number of worms inoculated, nor host immune response

Immunity

Bell RG; McGregor DD
1980 Infect and Immun 29 (1) July 186-193 Wa
Trichinella spiralis, parabiotic rats used to demonstrate requirement for 2 discrete stimuli for induction of intestinal rapid expulsion response: immunologically specific systemic component (induced by preadults); nonspecific local intestinal component (induced by adult trichinae or by Heligmosomoides polygyrus)

Immunity

Bell RG; McGregor DD
1980 Infect and Immun 29 (1) July 194-199 Wa
Trichinella spiralis, rats, coinduction of rapid expulsion response by using antigenic extracts of larvae and intestinal stimulation with unrelated parasite (Heligmosomoides polygyrus)

Immunity

Bender AP et al
1981 Vet Rec 108 (2) Jan 10 41 Wa
Dirofilaria immitis, allogenic spleen cells killed microfilariae of another dog whose spleen cells could not kill its own microfilariae, may indicate that some form of immunosuppression is required for maintenance of microfilaraemia; culture medium in which microfilariae maintained motility for 44 days and 3 hours

Immunity

Ben-Ismail R et al
1980 Vox Sanguinis 38 (3) Mar 165-168 Wa
fascioliasis, hydatidosis, humans, anti-P₁ allohemagglutinins, automated assay, IgM nature

Immunity

Bennett CE; Hughes DL; Harness E
1980 Parasite Immunol 2 (1) Spring 39-55 Wa
Fasciola hepatica, changes in tegument during killing of adult flukes surgically transferred to sensitized rats

Immunity

Bentley AG; Carlisle AS; Phillips SM
1981 Am J Trop Med and Hyg 30 (1 pt 1) Jan 102-112 Wa
Schistosoma mansoni, rats, initial and challenge infections, cellular response in lungs and liver, ultrastructural analysis

Immunity

Bentley AG; Carlisle AS; Phillips SM
1981 Am J Trop Med and Hyg 30 (4) July 815-824 Wa
Schistosoma mansoni in resistant CDF rat and more susceptible BALB/c mouse. primary and challenge exposures, ultrastructural analysis of cellular response, inflammatory responses in skin

Immunity

Bernard S; Haase M; Guidot G
1980 Berl u Munchen Tierarztl Wchnschr 93 (24) Dec 15 482-485 Wa
trypanosomiasis, trypanotolerant and trypano-sensitive cattle breeds, antibody survey using enzyme linked immunosorbent assay and indirect immunofluorescence, high percentage of serologically positive cattle does not correlate with results obtained by direct isolation of trypanosomes; ability of trypanotolerant breeds to limit number of parasites in blood stream cannot be correlated with the concentration of antibodies and must involve another unknown immune mechanism: Upper Volta

Immunity

Bhopale KK; Johri GN
1981 J Hyg Epidemiol Microbiol and Immunol 25 (1) 1-5 Wa
Hymenolepis nana, mice exposed to single and repeated low-level infections, stimulation of immunity

Immunity

Bhopale MK; Menon S; Kulkarni L
1980 J Helminth 54 (2) June 97-104 Wa
Necator americanus in infant rabbits, complete development, humoral antibody, leukocyte response, serum protein changes, suitable laboratory model

Immunity

Bickle Q et al
1980 Exper Parasitol 50 (2) Oct 222-232 Wa
Schistosoma mansoni, mice, influence of host's sex, age, and strain on resistance to reinfection

Immunity

Biggar RJ; Collins WE; Campbell CC
1980 Am J Trop Med and Hyg 29 (5 pt 1) Sept 720-724 Wa
malaria, infants, frequency of transplacental malarial antibodies, their duration and protectiveness, clinical and serological response to primary infection, indirect immunofluorescent technique using antigens of Plasmodium falciparum, P. ovale, and P. malariae: Accra, Ghana

Immunity

Blackwell J; Freeman J; Bradley D
1980 Nature London (5742) 283 Jan 3 72-74 Wm
Leishmania donovani, mice, influence of H-2 complex on acquired resistance

Immunity

Bloom BR; Tanowitz H; Wittner M
1979 Immune Mech and Dis 69-100 Wm; Wa
mechanisms for escape of immune surveillance by parasites, review (old-time genetic engineering; antigenic variation; antigenic mimicry and concomitant immunity; learning to live in your macrophages; jamming the immune response; subversion of the immune system)

Immunity

Blum K; Cioli D
1981 Parasite Immunol 3 (1) Spring 13-24 Wa
Schistosoma mansoni, age-dependent susceptibility to immune elimination of schistosomula artificially introduced into preinfected mice

Immunity

Bos HJ; Leijendekker WJ; van den Eijk AA
1980 Exper Parasitol 50 (3) Dec 342-348 Wa
Entamoeba histolytica, analysis of cytotoxic antigen fraction, serum effects on contact-dependent and toxin-induced lysis of hamster kidney cell monolayers

Immunity

Bout D et al
1980 Parasitology 80 (2) Apr 247-256 Wa
Schistosoma mansoni, mice, humoral immune response, kinetics of classes and sub-classes of both total immunoglobulins and specific antibodies; use of original radio-immunoabsorbent test

Immunity

Bout DT et al
1981 J Immunol 127 (1) July 1-5 Wm
Schistosoma mansoni, in vitro killing of schistosomula by lymphokine-activated mouse macrophages

Immunity

Bradley DJ
1979 Acta Trop 36 (2) June 171-179 Wa
Leishmania donovani in susceptible and resistant mouse strains, parasite and host cell kinetics studied by radioisotope labelling

Immunity

Brandt de Oliveira, R; Voltarelli JC; Meneghelli UG
1981 Parasite Immunol 3 (2) Summer 165-169 Wa
Strongyloides stercoralis, patient with hypogammaglobulinaemia but with no abnormality in cell-mediated immunity, severe persistent infection in spite of repeated courses of thiabendazole therapy, first evidence of relevant role of humoral immune response in human defenses against strongyloidiasis

Immunity

Brener Z
1980 Advances Parasitol 18 247-292 Wa
Trypanosoma cruzi, human, immunity, extensive review: antigenic constitution; natural immunity; humoral immune response (immunoglobulins; role of antibodies in host resistance; spleen and host resistance; complement; interferon); cell-mediated immune response (tests in vitro; delayed hypersensitivity; CMI and resistance; cytotoxicity mechanisms; macrophages); effects of immunosuppressors in Chagas' disease; immunodepression in course of Chagas' disease; evasion of immune response; auto-immune reactions; vaccination

Immunity

Brener Z et al
1979 Trop Dis Research Ser (1) 121-135 Wa
Trypanosoma cruzi, human, role of spleen in Chagas' disease, review

Immunity

Breniere S; Viens P
1980 Canad J Microbiol 26 (9) Sept 1090-1095 Wa
Trypanosoma musculi, pattern of infection and antibody production in baby mice, transfer of immunity from mother mice to litter through milk, specific antibody classes involved

Immunity

Briaud M et al
1981 Lancet London (8242) 2 Aug 15 358 Wa
Giardia lamblia, humans, may be an important model for study of gut immunity involving both humoral and cellular immune response

Immunity

Brooks, BO; Reed ND
1980 Infect and Immun 27 (1) Jan 94-96 Wa
Trypanosoma musculi, absorption of ablastic activity from mouse serum by using parasite population rich in dividing forms

Immunity

Brooks BO; Reed ND
1981 Exper Parasitol 52 (1) Aug 49-52 Wa
Trypanosoma musculi, mice, development of passive hemagglutination technique to measure antibody, assay used to investigate specific antibody responses of nude vs. normal mice

Immunity

Brossard M et al
1981 Acta Trop 38 (1) Mar 55-70 Wa
Ornithodoros moubata, immune response of rabbits to repeated infestations by female ticks, appears to have little adverse effect on tick; demonstration of linear relationship between a) weight of unfed and engorged females and b) weight of engorged females and number of deposited eggs

Immunity

Brown AP; Burakoff SJ; Sher A
1980 J Immunol 124 (5) May 2516-2518 Wm
Schistosoma mansoni, specificity of alloreactive T lymphocytes that adhere to lung stage schistosomula

Immunity

Brown J; Smalley ME
1981 Clin and Exper Immunol 46 (1) Oct 106-109 Wa
Plasmodium falciparum, polymorphonuclear neutrophil leucocytes (PMN) from children with acute infection significantly inhibited parasite growth in vitro in homologous and in non-immune serum, phagocytosis of schizonts was observed, PMN from uninfected children and uninfected adults had no effect on parasite growth

Immunity

Brown KN
1976 Receptors and Recognition s A 1 119-175 Wa
Trypanosoma brucei, Plasmodium spp., Schistosoma mansoni, Hymenolepis nana, Onchocerca volvulus, specificity in host-parasite relationship, reactions which occur at host-parasite interface, review

Immunity

Brown KN; Hills LA
1979 Bull World Health Organ 57 suppl 1 135-138 Wa
Plasmodium berghei, rats rendered anemic by phenylhydrazine treatment at time of immunization showed significantly greater protection than rats given antigen alone or phenylhydrazine alone, this enhanced response could be adoptively transferred with spleen cells, possibility that autoimmune responses to modified red cell antigens might be involved in protective immunity to malaria

Immunity

Brown KN; Hills LA
1981 Tropenmed u Parasitol 32 (2) June 67-72 Wa
Plasmodium berghei, protective immunity in mice and rats is significantly enhanced by phenylhydrazine treatment, this effect generates memory, can be transferred with spleen cells, and can have both enhancing and suppressive action on protective immune response in recipients, implications for role of erythrocyte destruction in protective immunity to malaria

Immunity

Brown PJ et al
1981 Vet Immunol and Immunopath 2 (2) Apr 189-198 Wa
Trichinella spiralis-infected thymectomised and normal mice, intestinal mast cell response, parasite kinetics

Immunity

Brown PJ; Charley-Poulain J; Pery P
1981 Vet Immunol and Immunopath 2 (4) Aug 343-352 Wa
Nippostrongylus brasiliensis, rats, infection and reinfection, production of bile IgA and serum IgG antibodies

Immunity

Brown SJ; Knapp FW
1981 Parasitology 83 (1) Aug 213-223 Wa
Amblyomma americanum on guinea pigs, effect of acquired host resistance on tick feeding, color, and survival ability, histological responses of resistant hosts to tick feeding

Immunity

Bueding E; Hawkins J; Cha YN
1981 Agents and Actions 11 (4) July 380-383 Wm
Schistosoma mansoni, mice, antischistosomal effects of cyclosporin A (new selective immunosuppressive agent), synergistic antischistosomal effects of cyclosporin A with subcurative dose of amoscanate, evidence suggests antischistosomal effects are mediated through stimulation of host mechanisms directed against parasite

Immunity

Burden DJ et al
1981 Parasitology 83 (2) Oct 249-252 Wa
Fasciola hepatica, rats, technique for study of gut penetration by juvenile flukes, involves ligation of small sections of small intestine and introduction of artificially excysted flukes into these gut loops, more flukes reached body cavity in naive rats than in resistant rats

Immunity

Burgess DE; Hanson WL
1980 Cellular Immunol 52 (1) June 176-186 Wa
Trypanosoma cruzi, mice, T-cell dependence of primary immune response, effects of depletion of T cells and Ig-bearing cells on immunological memory

Immunity

Bushara HO et al
1980 Am J Trop Med and Hyg 29 (3) May 442-451 Wa
Schistosoma bovis, cattle, experimental demonstration of naturally acquired resistance, gross clinical observations, body weights, hematology, pathophysiology, parasitology, histopathology: Kosti, Sudan

Immunity

Butterworth AE; Vadas MA
1979 Pract Tissue Culture Applic 287-307 Wa
Schistosoma mansoni, in vitro culture, applications in immunological studies, review

Immunity

Buxton D
1980 J Med Microbiol 13 (2) May 307-311 Wa
Toxoplasma gondii, congenitally athymic nude mice, infection with normally avirulent cyst-producing strain, much less able to cope with infection than their hirsute littermates

Immunity

Buxton D et al
1980 J Comp Path 90 (2) Apr 331-338 Wa
Toxoplasma gondii in mice infected with louping-ill virus may stimulate 2 independent mechanisms: increased susceptibility to the virus and antiviral activity, possibly mediated by toxoplasma stimulation of interferon production

Immunity

Cacciapuoti B et al
1981 Boll Ist Sieroterap Milanese 60 (2) May 31, 121-128 Wa
Toxoplasma, prevalence of infection in mothers in labor and their newborn babies vs. prevalence of antitoxoplasma antibodies (indirect immunofluorescence and modified complement fixation tests) in the same pairs, hypothesis of long-lasting passive congenital immunity to Toxoplasma infection: Bergamo, Italy

Immunity

Calderon J; Munoz ML; Acosta HM
1980 J Exper Med 151 (1) Jan 1 184-193 Wa
Entamoeba spp., surface redistribution and release of antibody-induced caps

Immunity

Callow LL; Kanhai GK; Vandenberghe A
1981 Trop Animal Health and Prod 13 (2) May 79-82 Wa
Babesia bovis, demonstration of close serological relationship between strains occurring in Australia and Mozambique using indirect fluorescent antibody test, practical implication is that Australian vaccine should protect cattle being introduced into southern Africa from B. bovis-free environments

Immunity

Campbell GH et al
1979 Bull World Health Organ 57 suppl 1 219-225 Wa
Plasmodium falciparum, microculture technique that can be used as in vitro assay for growth and reinvasion inhibition, inhibition of growth by Aotus serum, method should facilitate study of immune effector mechanisms

Immunity

Camus D; Capron A
1980 Acta Gastroenter Belg 43 (1-2) Jan-Feb 17-30 Wm
immunology of digestive parasitoses, recent advances, aspects of immunological mechanisms controlling host-parasite relationships

Immunity

Capron A et al
1980 Am J Trop Med and Hyg 29 (5 pt 1) Sept 849-857 Wa
Schistosoma mansoni, rats, evidence for participation of anaphylactic antibodies in antibody-dependent cell-mediated cytotoxicity to schistosomes (IgE-macrophage interaction and IgG2a-eosinophil interaction), immune mechanisms regulating effector cell function, in vivo relevance, review

Immunity

Capron A; Dessaint JP; Capron M
1980 J Allergy and Clin Immunol 66 (2) Aug 91-96 Wa
Schistosoma mansoni, components of immune response to schistosomes, evidence for role of anaphylactic antibodies in regulation of effector cell function, regulation of immune effector mechanisms, review

Immunity

Capron M et al
1980 Parasite Immunol 2 (3) Autumn 223-235 Wa
Schistosoma mansoni, humans (from Burundi and Brazil), Erythrocybus patas, inverse relationship between cytotoxic antibodies and circulating schistosome antigens, probable transfer of cytotoxic antibodies from mother to child through placenta, possible mechanisms for inhibitory role of circulating immune complexes on complement-dependent cytotoxic activity

Immunity

Capron M et al
1981 Nature London (5793) 289 Jan 1-8 71-73 Wa
Schistosoma mansoni, demonstration that mast cell mediators like ECF-A (eosinophil chemotactic factor of anaphylaxis) tetrapeptides can not only promote eosinophil recruitment but also increase IgG-mediated eosinophil cytotoxicity against Schistosoma targets by enhancing expression of eosinophil IgG Fc receptors

Immunity

Caristan A et al
1980 Compt Rend Acad Sc Paris 290 s D Sc Mat (3) Jan 21 243-246 Wa
Trypanosoma musculi, liberation of hydrogen peroxide by peritoneal macrophages from infected mice, correlation with course of parasitemia, possible role in defense against parasite

Immunity

Carlier Y et al
1980 Am J Trop Med and Hyg 29 (1) Jan 74-81 Wa
Schistosoma mansoni-infected African parturients, their uninfected newborn children, infected men, and infected non-pregnant women, evaluation of circulating soluble antigens (CSA) by sandwich radioimmunoassay, of circulating antibodies (CAB) by indirect hemagglutination, and of immune complexes (CIC) by Clq binding test, results indicate probable transplacental transfer of CSA from mother to fetus and possible modulation of CSA level by specific CAB and CIC formation

Immunity

Carswell F et al
1981 Am J Clin Nutrition 34 (7) July 1292-1299 Wa
parasitic infections, nutritional status, and globulin titers in 2 populations of school children, parasites, notably malaria, are important determinants of serum antibodies in children in the tropics and mild undernutrition probably has little effect: Tanzania

Immunity

Caulfield JP et al
1980 J Cell Biol 86 (1) July 46-63 Wa
Schistosoma mansoni, adherence of human neutrophils and eosinophils to schistosomula preincubated with antischistosomal sera with or without complement, evidence for membrane fusion between cells and parasites

Immunity

Caulfield JP et al
1980 J Cell Biol 86 (1) July 64-76 Wa
Schistosoma mansoni, partial and complete detachment of neutrophils and eosinophils from schistosomula, evidence for establishment of continuity between fused and normal parasite membrane

Immunity

Centurion C; Weiland G; Seubert S
1981 Berl u Munchen Tierarztl Wchnschr 94 (11-12) June 1 238-241 Wa
Ornithodoros moubata, immunized and non-immunized rabbits, no differences in weight gain and weights of replete ticks, course of drop off, and drop off and moulting rate; reaginic antibodies to soluble salivary gland antigen not demonstrable by passive cutaneous anaphylaxis test; intensive antibody formation occurred in immunized and non-immunized rabbits, enzyme-linked immunosorbent assay; no immunity to 2nd nymphal instars developed

Immunity

Cesari IM; Polanco N
1980 Exper Parasitol 50 (2) Oct 195-200 Wa
Schistosoma mansoni, L-lysyl residues in agglutination of mouse erythrocytes by acid phospholipids of parasite membranes, possible role for lysyl-phospholipid interactions in host-parasite relationship

Immunity

Chandanani RE et al
1981 Indian J Med Research 73 Suppl Jan 45-49 Wa
Plasmodium knowlesi-infected rhesus monkeys, (acute, protracted and reinfection stages), changes in peripheral lymphocyte counts and their transformation

Immunity

Chandrasekaran B; Ghirnikar SN; Harinath BC
1980 Indian J Exper Biol 18 (10) Oct 1179-1180 Wa
Wuchereria bancrofti, effect of diethylcarbamazine and diethylcarbamazine-N-oxide on microfilariae in vitro in presence of immune sera and leukocytes

Immunity

Chang KP
1981 Am J Trop Med and Hyg 30 (2) Mar 334-339 Wa
Leishmania donovani, antibody-mediated inhibition of phagocytosis in amastigote-human phagocyte interactions in vitro

Immunity

Chapman CB; Rajasekariah GR; Mitchell GF
1981 Am J Trop Med and Hyg 30 (5) Sept
1039-1042 Wa
Fasciola hepatica, mice and rats dosed with
infective metacercariae of different single
snail-derived clones and challenged with same
or different clonal parasites, no better resis-
tance seen with parasites of homologous clone
than with heterologous clone challenge

Immunity

Cheng TC; Guida VG
1980 J Invert Path 35 (2) Mar 158-167 Wa
Schistosoma haematobium vector Bulinus
truncatus rohlfisi, hemocyte morphology study as
preliminary to cellular immunity study

Immunity

Chernin J
1981 J Helminth 55 (3) Sept 209-222 Wa
Taenia crassiceps in males and females of sev-
eral different strains of rats, host growth
curves, volume, antigenicity, and size of meta-
cestodes

Immunity

Chhabra MB; Mahajan RC; Ganguly NK
1980 Indian Vet J 57 (8) Aug 627-631 Wa
Toxoplasma gondii, RH strain vs. local human
isolates, mice (exper.), antibody response
and serum protein alterations determined by
indirect haemagglutination test and electro-
phoresis respectively, rise in gamma-globulins
in later stages appeared to indicate develop-
ing immune response

Immunity

Chinchilla M; Guerrero OM; Portilla E
1980 Rev Biol Trop 28 (1) July 109-119 Issued
Sept Wa
Leishmania mexicana, L. braziliensis, hamsters
immunized with dead antigen and non-immunized
hamsters, effect of treatment with cortisone
and challenge with live parasites

Immunity

Christensen BM
1981 Tr Roy Soc Trop Med and Hyg 75 (3) 439-443
Wa
Dirofilaria immitis, active immune response of
Aedes trivittatus against developing larvae,
possible role of immune response in limiting
parasite burdens of D. immitis in A. trivitta-
tus

Immunity

Christensen NO et al
1981 J Parasitol 67 (2) Apr 164-166 Wa
Echinostoma revolutum-infected mice, homologous
immunotolerance, decreased resistance to Schis-
tosoma mansoni

Immunity

Chulay JD et al
1981 Am J Trop Med and Hyg 30 (1 pt 1) Jan
12-19 Wa
Plasmodium falciparum, inhibitory effects of
immune monkey serum on synchronized cultures,
findings support hypothesis that immune serum
agglutinates merozoites and thereby inhibits
their invasion into uninfected erythrocytes

Immunity

Chulay JD; Haynes JD; Diggs CL
1981 J Infect Dis 144 (3) Sept 270-278 Wa
Plasmodium falciparum in vitro used to detect
inhibitory antibody in immune Aotus trivirga-
tus griseimembra serum and to compare in vitro
inhibition with in vivo resistance to infec-
tion

Immunity

Cifarelli F et al
1979 Ann Sclavo 21 (3) May-June 347-353 Wm
Entamoeba histolytica, determination of intes-
tinal secretory IgA in apparently healthy
persons with acute or chronic amoebiasis and
in carriers of amoebiasis

Immunity

Cioli D et al
1980 Cellular Immunol 53 (2) Aug 1 246-256 Wa
Schistosoma mansoni, rats, resistance to rein-
fection in various host strains and in thy-
mectomized hosts, peripheral eosinophilia,
liver morphology

Immunity

Claas FHJ; Deelder AM
1980 Acta Leidensia 48 23-27 Wa
Schistosoma mansoni, mice of two congenic in-
bred strains, considerable differences in mor-
tality and in antibody titer, findings suggest
that I-region of H-2 complex may influence
immune response to infection

Immunity

Clark IA et al
1981 Infect and Immun 32 (3) June 1058-1066 Wa
Plasmodium vinckei petteri-infected mice given
small injection of endotoxin, release of mac-
rophage-derived mediators (tumor necrosis fac-
tor, lymphocyte-activating factor, type I in-
terferon), possible importance in pathogenesis
of acute malaria

Immunity

Clarkson AB jr; Mellow GH
1981 Science (4517) 214 Oct 9 186-188 Wa
Trypanosoma lewisi, serum of lactating rats
that have never been infected contains rheu-
matoid factor-like IgM which amplifies spe-
cific IgG response to parasite and accounts for
unusual resistance of previously uninfected
lactating rats and their suckling pups, similar
rheumatoid factor-like IgM induced late in
usual course of infection in nonlactating rats
amplifies earlier IgG response and terminates
infection, first description of rheumatoid fac-
tor (which is classified as autoimmune anti-
body) acting in protective manner, possible
implications for T. cruzi infection

Immunity

Clayton CE
1980 Tr Roy Soc Trop Med and Hyg 74 (1) 125-126
Wa
Trypanosoma musculi, culture system for in
vitro studies of immunity

Immunity

Clayton CE et al
1980 Infect and Immun 28 (3) June 824-831 Wm
Trypanosoma b. brucei, mice, cellular
proliferation and functional depletion in
blood, peritoneum, and spleen related to
changes in bone marrow stem cells

Immunity

Coelho PMZ; Gazzinelli G; Pellegrino J
1980 Parasitology 81 (2) Oct 349-354 Wa
Schistosoma mansoni, host antigen occurrence on worms recovered from variety of laboratory vertebrate animals

Immunity

Colley DG
1981 J Immunol 126 (4) Apr 1465-1468 Wm
Schistosoma mansoni, mice, T lymphocytes that contribute to immunoregulation of granuloma formation in chronic infection

Immunity

Colley DG
1981 Fed Proc 40 (5) Apr 1440-1442 Wa
immunoregulatory aspects of parasitic infections, minisymposium summary

Immunity

Colley DG; Freeman GL jr
1980 Am J Trop Med and Hyg 29 (6) Nov 1279-1285 Wa
Schistosoma mansoni in CBA/J vs. C57BL/6 mice, differences in adult worm burden requirements for establishment of resistance to reinfection, differences in size of egg-induced hepatic granulomas

Immunity

Collins GH; Sutton RH; Charleston WAG
1980 N Zealand Vet J 28 (8) Aug 156-158 Wa
Sarcocystis sp. in goats infected with dog-derived sporocysts, haematology, indirect fluorescent antibody test, pathology

Immunity

Conley FK
1980 Cancer Research 40 (4) Apr 1240-1244 Wa
Toxoplasma gondii-infected rats with ethylnitrosourea-induced central nervous system tumors, lack of tumor inhibition by chronic parasitic infection as opposed to protective mechanisms exhibited in infected mice, inflammatory component produced by Toxoplasma organism in brain may be necessary prerequisite for tumor inhibition

Immunity

Conley FK; Jenkins KA
1981 Infect and Immun 31 (3) Mar 1184-1192 Wa
Toxoplasma gondii, immunohistological study of anatomic relationship of parasite antigens to inflammatory response in brains of chronically infected mice, use of peroxidase-antiperoxidase staining technique

Immunity

Contreras CE et al
1980 Clin and Exper Immunol 42 (3) Dec 403-411 Wa
Plasmodium berghei in 5 strains of mice, immunopathological aspects: course of infection, detection of soluble malarial antigens, serum-specific antibody levels, circulating immune complexes, serum C3 levels, infection of nude mice

Immunity

Cook JA; Holbrook TW; Parker BW
1980 J Reticuloendothel Soc 27 (6) June 567-573 Wa
Leishmania donovani, mice, protective effect of glucan, potential value of glucan as adjuvant in immunotherapeutic prevention of and/or treatment of visceral leishmaniasis

Immunity

Cook RM
1980 Vet Parasitol 7 (1) June 3-9 Wa
Trypanosoma brucei, soluble complexes of trypanosomes with untreated or heat-inactivated hyperimmune serum or mouse plasma and live trypanosomes treated with normal mouse plasma both resulted in significantly increased chemotactic responses of murine peritoneal exudate cells

Immunity

Cook RM
1981 Internat J Parasitol 11 (2) Apr 149-156 Wa
Trypanosoma brucei, effects of immune sera on promoting attachment and subsequent ingestion of trypanosomes by peritoneal exudate cells, attachment did not appear to be mediated by variant specific antibodies

Immunity

Corrier DE; Wagner GG; Adams LG
1981 Am J Vet Research 42 (1) Jan 19-21 Wa
Anaplasma marginale, calves, recrudescence induced by immunosuppression with cyclophosphamide, suggests that humoral immunity may contribute significantly in maintaining a state of equilibrium in Anaplasma-host relationship and that suppression of humoral immune response may alter course and outcome of infection in Anaplasma carriers

Immunity

Corsini AC; Oliveira OLP; Costa MG
1980 Ztschr Parasitenk 64 (1) 85-93 Wa
Trypanosoma cruzi, highly resistant mice, humoral suppression to sheep red blood cells in both acute and chronic stages of infection, importance of timing between infection and antigen presentation, parasitaemia, xenodiagnosis

Immunity

Corsini AC; Vilela MMS; Piedrabuena AE
1981 Tropenmed u Parasitol 32 (2) June 82-86 Wa
Trypanosoma cruzi, human, chronic Chagas' disease patients, serum levels of IgM, IgG, IgA, complement, number of circulating T and B lymphocytes, no evidence of immune complexes, unimpaired delayed type hypersensitivity reactions to various antigens, humoral suppression to typhoid vaccine

Immunity

Court JP; Storey DM
1981 Tropenmed u Parasitol 32 (3) Sept 161-164 Wa
Litomosoides carinii, host or host-like antigens are present on adults and microfilariae from Sigmodon hispidus and Mastomys natalensis

Immunity

Crane GG
1979 Trop Dis Research Ser (1) 245-258 Wa
tropical splenomegaly syndrome, serology and relationship to malaria, review

Immunity

Croft SL; Schnur LF
1979 Ann Trop Med and Parasitol 73 (6) Dec 535-546 Wa
Leishmania braziliensis braziliensis vs. L. hertigi hertigi, light and electron microscopic study of agglutinated bodies formed on growing promastigotes in their homologous antisera to determine role of leishmanial excreted factor in Noguichi-Adler phenomenon

Immunity

Crowle PK; Reed ND
1981 Infect and Immun 33 (1) July 54-58 Wa
Nippostrongylus brasiliensis, evaluation of ability of mast cell-deficient W/W^v anemic mice to accumulate mucosal mast cells, produce worm-specific IgE antibody, and reject worms, results indicate that mucosal mast cells are not absolute requirement for rejection

Immunity

Culbertson CG; Harper K
1980 Am J Trop Med and Hyg 29 (5 pt 1) Sept 785-794 Wa
Naegleria fowleri, *Acanthamoeba culbertsoni*, *Entamoeba histolytica*, immune reactions between specific antisera, formalized stained protein A staphylococci, and pathogenic live amebic trophozoites, comparison of this new technique (coagglutination tests) with immunofluorescence for amebic identification and measurement of serum antibody

Immunity

Cunningham DS et al
1981 Exper Parasitol 51 (2) Apr 257-268 Wa
Trypanosoma cruzi in relatively resistant vs. highly susceptible strain of mice, antibody response to previously unencountered antigens, autoantibody activity, proposed that *T. cruzi*-associated antigens differentially affect B-cell-responsive and -responding clones, unlikely that nonspecific induction of immunoglobulin synthesis is purely responsible for immunosuppressed condition of both susceptible and resistant mice, immunopotentiating effect of *T. cruzi* demonstrated in 2 ways, possible significance of polyclonal activation in experimental Chagas' disease

Immunity

Cunningham DS et al
1981 J Parasitol 67 (4) Aug 475-480 Wa
Trypanosoma cruzi-released decomplementing factor, partial characterization

Immunity

Cunningham DS; Benavides GR; Kuhn RE
1980 J Immunol 125 (5) Nov 2317-2321 Wm
Trypanosoma cruzi-infected mice vs. mice administered *T. cruzi*-induced suppressor substance, differences in regulation of humoral responses, interactions between T cells and B cells

Immunity

Cursons RTM; et al
1980 Infect and Immun 29 (2) Aug 401-407 Wa
normal human sera, presence of antibodies (mainly IgG and IgM) to *Acanthamoeba* spp. and *Naegleria* spp., presence of specific neutralizing factor against *Acanthamoeba* spp. but not *Naegleria* spp.; possible role of humoral immunity in defense against pathogenic free-living amoebae: New Zealand

Immunity

D'Alessandro PA; Clarkson AB jr
1980 Exper Parasitol 50 (3) Dec 384-396 Wa
Trypanosoma lewisi, significant reductions in ablative activity can be achieved through adsorption of immune serum with IgG-negative trypanosomes from immunosuppressed hosts, direct evidence that ablative is an avid and adsorbable antibody

Immunity

Damian RT et al
1981 Am J Trop Med and Hyg 30 (4) July 836-843 Wa
Schistosoma mansoni, multiply-infected *Papio cynocephalus*, antibody responses, immunoglobulin classes (enzyme-linked immunosorbent assay, slide flocculation, circumoval precipitation, passive cutaneous anaphylaxis, and opsonization tests), immediate hypersensitivity responses (cercarial dermatitis, direct skin testing with adult worm antigen)

Immunity

Danforth HD et al
1980 J Protozool 27 (2) May 193-202 Issued July 17 Wa
Plasmodium berghei, *P. knowlesi*, sporozoites, attachment to, interiorization, and fate within macrophages in vitro in presence of normal or immune serum

Immunity

Dash KM
1981 Internat J Parasitol 11 (3) June 201-207 Wa
Oesophagostomum columbianum, *O. venulosum*, sheep (exper.), single and mixed infections, interactions studied by comparing establishment, development, and distribution of each species, results discussed in relation to changes in incidence of the two species in sheep on the Northern Tablelands of New South Wales

Immunity

Davidson WR et al
1980 J Wildlife Dis 16 (4) Oct 499-508 Wa
Haemonchus contortus in *Odocoileus virginianus*, monthly (Oct.-Mar.) prevalence and intensity of infection in fawns and adults, haemonchosis/malnutrition syndrome, geographic distribution, worm recovery rates, prepatent periods, and egg production in immunized vs. nonimmunized deer exposed to challenge suggested a naturally-acquired immunity: Georgia; South Carolina; Florida

Immunity

Davies AJS et al
1980 J Parasitol 66 (5) Oct 705-721 Wa
biological significance of immune response and its role in facilitating symbiosis with special reference to parasites, 1. Stoll-Stunkard Endowment Fund Lecture

Immunity

Dawkins HJS et al
1980 Internat J Parasitol 10 (2) Apr 125-129 Wa
Strongyloides ratti, 11 inbred strains of mice and 1 outbred strain, susceptibility to infection, effect of host age, host sex, dose, and route of injection, resistance to challenge infection; C57Bl/6 and CBA mice may provide useful model hosts

Immunity

Dawkins HJS; Grove DI
1981 Immunology 43 (2) June 317-322 Wa
Strongyloides ratti, mice, transfer of resistance to infection with serum and cells

Immunity

Dawkins HJS; Grove DI
1981 Internat J Parasitol 11 (1) Feb 89-96 Wa
Strongyloides ratti, mice, quantitation of course of primary and secondary infections

Immunity

Dawkins HJS; Muir GM; Grove DI
1981 Internat J Parasitol 11 (1) Feb 97-103 Wa
Strongyloides ratti, mice, primary and secondary infections, histopathological appearances in skin, lungs, and small intestine

Immunity

Dean DA; Bukowski MA; Cheever AW
1981 Am J Trop Med and Hyg 30 (4) July 806-814 Wa
Schistosoma mansoni in 10 strains of mice. relationship between acquired resistance. portal hypertension, and lung granulomas

Immunity

Dean DA; Bukowski MA; Clark SS
1981 Am J Trop Med and Hyg 30 (1 pt 1) Jan 113-120 Wa
Schistosoma mansoni, acquired resistance in infected or irradiated cercaria-immunized mice and in normal mice to which the former had been surgically joined (parabiologic partners), results provide evidence that resistance induced by normal infection and irradiated cercarial immunization differ in some fundamental way

Immunity

Dean DA; Cioli D; Bukowski MA
1981 Am J Trop Med and Hyg 30 (5) Sept 1026-1032 Wa
Schistosoma mansoni, mice, resistance induced by normal and irradiated worms, ability of various stages to serve as inducers and targets

Immunity

Deelder AM et al
1980 Exper Parasitol 50 (1) Aug 16-32 Wa
Schistosoma mansoni, 2 circulating polysaccharide antigens: characterization, immunological responses in mouse, hamster, and human infections, involvement in production of specific antibodies and in circulating antigen-antibody complexes, fate in body of host

Immunity

Denburg JA; Befus AD; Bienenstock J
1980 Immunology 41 (1) Sept 195-202 Wa
Nippostrongylus brasiliensis, rats, in vivo kinetics of intestinal mast cell hyperplasia, growth and differentiation in vitro of mast cells from mesenteric lymph nodes of infected rats

Immunity

Denham DA; Suswillo RR
1980 J Trop Med and Hyg 83 (4) Aug 151-156 Wa
Brugia spp., susceptibility of kittens born to non-infected and infected mothers

Immunity

Desbiens C; Viens P
1981 Parasitology 83 (1) Aug 109-113 Wa
Trypanosoma musculi in CBA mice, initial control of parasitaemia appears to be due to trypanocidal mechanism rather than reproduction-inhibiting factor (ablastin)

Immunity

Despommier DD
1981 Parasite Immunol 3 (3) Autumn 261-272 Wm
Trichinella spiralis, protection-inducing antigens from muscle larva, partial purification and characterization by molecular sizing chromatography and preparative flatbed isoelectric focusing

Immunity

Dessaint JP et al
1980 Internat J Nuclear Med and Biol 7 (2) 187-193 Wa
Schistosoma mansoni, antibody-dependent cell-mediated effector systems, contribution of radioisotope techniques to evaluation of immunity, review

Immunity

Dessein A et al
1981 Parasitology 82 (3) June 357-374 Wa
Schistosoma mansoni, immune evasion, loss of susceptibility to antibody- or complement-dependent eosinophil attack by schistosomes cultured in medium free of macromolecules

Immunity

Dessein AJ et al
1981 J Exper Med 153 (2) Feb 1 423-436 Wa
Trichinella spiralis, rats, selective suppression of IgE antibody response diminishes resistance and eosinophil response to infection

Immunity

DeVaney JA; Ziprin RL
1980 Poultry Science 59 (1) Jan 34-37 Wa
Ornithonyssus sylviarum-infested roosters and hens (exper.), correlation of sera antibodies with level of mite population

Immunity

DeVaney JA; Ziprin RL
1980 Poultry Science 59 (8) Aug 1742-1744 Wa
Ornithonyssus sylviarum-infested and -reinfested White Leghorn hens (exper.), degree and duration of acquired immunity related to initial level of infestation

Immunity

De Waele M; Thielemans C; Van Camp B
1981 N England J Med 305 (4) July 23 228 Wa
Toxoplasma gondii-infected patient, cell-surface phenotypes of peripheral lymphocytes, infection triggers proliferation and activation of T-cytotoxic or T-suppressor cells or both

Immunity

Dineen JK
1978 Epidemiol and Control Gastrointest Parasites Sheep Australia 121-135 Wa
gastrointestinal helminths, sheep, general nature and characteristics of immunity, manifestations of resistance, present situation and future prospects of vaccination, review: Australia

Immunity

Dineen JK; Windon RG
1980 Internat J Parasitol 10 (4) Aug 249-252 Wa
Trichostrongylus colubriformis challenge of lambs (vaccinated responders and non-responders and unvaccinated controls), effects of immune response(s) on parasite as measured by worm counts, worm lengths, numbers of eggs in utero, and male/female sex ratios

Immunity

Dissanayake S; de Silva LVK; Ismail MM
1980 Tr Roy Soc Trop Med and Hyg 74 (4) 542-544
Wa
Wuchereria bancrofti, human, antifilarial antibody in maternal and umbilical cord blood determined by indirect immunofluorescence, enzyme-linked immunosorbent assay, and radioimmunoassay, antibodies were predominantly of IgG type presumably passively transferred from mother, specific IgM antibody detected in some cord blood samples probably in response to transplacental transfer of filarial antigens: Sri Lanka

Immunity

D-Miailhe AC; Viens P
1980 IRCS J Med Sc 8 (6) June 365 Wa
Toxoplasma gondii in T cell-deprived mice (exper.), relationship between antibody levels (measured by indirect immunofluorescent antibody technique) and brain cyst production, concluded that parasite encystment is under control of immune response

Immunity

Dockrell HM; de Souza JB; Playfair JHL
1980 Immunology 41 (2) Oct 421-430 Wa
Plasmodium yoelii, P. berghei, relative importance of spleen and liver in immunity to blood-stage murine malaria

Immunity

Doenhoff M et al
1980 J Helminth 54 (1) Mar 7-16 Wa
Schistosoma mansoni, mice, reduction in degree of resistance to reinfection after chemotherapeutic elimination of recently patent primary infections

Immunity

Doenhoff MJ et al
1981 Tr Roy Soc Trop Med and Hyg 75 (1) 41-53
Wa
Schistosoma mansoni, immunological control of hepatotoxicity and parasite egg excretion, stage specificity of therapeutic effect of immune serum in heavily infected T-cell deprived mice, protection assessed both by recipients' serum transaminase concentrations and degree of cytoplasmic microvesicular damage in livers

Immunity

Dolan TT; Brown CGD; Cunningham MP
1980 Research Vet Sc 28 (1) Jan 132-133 Wa
Theileria parva, failure of Calmette-Guerin (BCG) organisms to protect cattle suggests that the host response to this non-specific immunization is poorly developed

Immunity

Doran TI; Herman R
1981 J Protozool 28 (3) Aug 345-350 Wa
Leishmania donovani, variance in infectivity of promastigotes cultured for 3 vs. 10 days in vitro before inoculation into hamsters, biochemical (enzyme analysis, lectin analysis) and immunological correlates of infectivity

Immunity

Doube BM; Wharton RH
1980 Experientia 36 (10) Oct 15 1178-1179 Wa
Boophilus microplus, seasonal cycle in expression of acquired resistance in cattle with previous tick experience occurs irrespective of breed and nutritional state, differences in magnitude and timing of cycle between bulls and steers at 1 locality and between steers at 2 localities: Queensland, Australia

Immunity

Downey NE
1980 Vet Rec 107 (12) Sept 20 271-275 Wa
Dictyocaulus viviparus, calves (exper.), levamisole, fenbendazole, effect against primary infection and host resistance to reinfection

Immunity

Doy TG; Hughes DL; Harness E
1980 Research Vet Sc 29 (1) July 98-101 Wa
Fasciola hepatica, selective in vitro adherence by rat eosinophils to newly excysted flukes in presence of immune serum (independent of complement, not affected by age of sensitizing infection, and not induced by artificially raised antisera to dead fluke antigens)

Immunity

Doy TG; Hughes DL; Harness E
1981 Research Vet Sc 30 (3) May 357-359 Wa
Fasciola hepatica, rats, hypersensitivity, lack of correlation between serum reaginic antibody levels and rejection of flukes

Immunity

Doy TG; Hughes DL; Harness E
1981 Research Vet Sc 30 (3) May 360-363 Wa
Fasciola hepatica, rats, hypersensitivity responses (intestinal mast cells, intestinal eosinophils, anaphylaxis, serum reagins), possible involvement in protection against challenge infection

Immunity

Duffus WPH; Franks D
1980 Clin and Exper Immunol 41 (3) Sept 430-440
Wa
Fasciola hepatica, in vitro effect of immune serum and bovine neutrophils and eosinophils on juvenile flukes

Immunity

Duffus WPH; Franks D
1981 Parasitology 82 (1) Feb 1-10 Wa
Fasciola hepatica, interaction in vitro between juvenile flukes and bovine immunoglobulins directed against fluke outer glycocalyx, indirect fluorescent antibody assay

Immunity

Duncombe VM et al
1980 Austral J Exper Biol and Med Sc 58 (1) Feb 19-26 Wa
Giardia muris, mice, effect of iron deficiency, protein deficiency, and dexamethasone on infection, re-infection, and tinidazole treatment

Immunity

Dutta GP; Singh PP
1980 Indian J Med Research 72 July 23-32 Wa
Plasmodium knowlesi, rhesus monkeys, immune status after curative or suppressive/subcurative chloroquine therapy

Immunity

El-Hawey AM et al
1978 J Egypt Med Ass 61 (5-6) 433-448 Wm
S[chistosoma] mansoni, chronic infection in Swiss albino mice, intravenous inoculation of live bacillus Calmette Guerin (BCG) vaccine produced nonspecific stimulation of cellular immunity, immunoprotection against S. mansoni infection, and enhancement of healing of bilharzial hepatic granulomas

Immunity

El-Hawey AM; Abdel-Wahab KSE; Saber MA
1978 J Egypt Med Ass 61 (3-4) 253-262 Wm
schistosomiasis, patients with simple urinary
hematobiasis, patterns in cell-mediated immune
response and humoral immune response before,
immediately after, and 4 months after nirida-
zole therapy (measurement of immediate and
delayed skin test responses, immunoglobulin
levels, urinary egg counts, lymphocyte-lympho-
blast transformation rate, evidence of eosino-
philia)

Immunity

Eling WMC
1980 Exper Parasitol 49 (1) Feb 89-96 Wa
Plasmodium berghei, mice, premunition, sterile
immunity, and loss of immunity, host age dif-
ferences

Immunity

Eling WMC
1980 Infect and Immun 30 (3) Dec 635-641 Wa
Plasmodium berghei, mice, host strain-specific
effect of splenectomy on morbidity, mortality,
and immunological responsiveness, results sug-
gest active role of spleen in generation of
(immuno)pathological reaction during primary
infection in intact animal

Immunity

Emery DL; Moloo SK
1980 Acta Trop 37 (2) June 137-149 Wa
Trypanosoma brucei, sequential cellular chang-
es in local skin reaction produced in goats by
bite of infected Glossina m. morsitans,
appears to represent essentially combination
of acute inflammatory response and immunolog-
ical reaction

Immunity

Engelkirk PG; Williams JF; Signs MM
1981 Internat J Parasitol 11 (6) Dec 463-474 Wa
Taenia taeniaeformis, evidence of rapid non-
specific cell adherence reaction to strobilo-
cerci in vitro which is enhanced by fresh serum
and is intensely destructive to distal tegu-
ment, results similar whether serum or cells
were obtained from infected or non-infected
donors, predominant cells were eosinophils,
mast cells also present

Immunity

Epstein N et al
1981 J Immunol 127 (1) July 212-217 Wm
Plasmodium knowlesi, monoclonal antibodies
against specific surface determinant on mero-
zoites block erythrocyte invasion

Immunity

Eugui EM; Allison AC
1979 Bull World Health Organ 57 suppl 1 231-238
Wa
Plasmodium chabaudi, course of infection in
different strains of mice, cross immunity be-
tween P. chabaudi and P. yoelii in different
mouse strains, changes in spleen at different
intervals after infection, natural killer ac-

Immunity

Ey PL; Prowse SJ; Jenkin CR
1981 Exper Parasitol 52 (1) Aug 69-76 Wa
Heligmosomoides polygyrus, simple method for
recovery of post-infective larvae from mouse
intestines: recovery of emergent larvae at
different times after infection, relationship
to dose, rate of emergence during incubation,
recovery of larvae from immunized mice, via-
bility of emergent larvae

Immunity

Eyre P; Boulard C; Deline TR
1980 Vet Rec 107 (12) Sept 20 280-281 Wa
Hypoderma lineatum, H. bovis, sera from calves
sensitized with larvae produced positive pas-
sive cutaneous anaphylaxis reactions in test
calves, results indicate production of reaginic
(type I anaphylactic) antibodies in sensitized
calves

Immunity

Eysker M
1981 Ztschr Parasitenk 65 (3) 343-351 Wa
Haemonchus contortus, effects of pregnancy and
lactation on survival and development of single
dose of larvae which were conditioned for in-
hibited development and of such a primary in-
fection on resistance to reinfection

Immunity

Facer CA
1980 Clin and Exper Immunol 39 (2) Feb 279-288
Wm
Plasmodium falciparum, Gambian children, asso-
ciation between direct Coombs antiplobulin
positivity and malaria, antigen specificity of
erythrocyte-bound IgG, mechanism of erythrocyte
sensitization, results add to and confirm major
role of immune complex formation in immuno-
pathology of falciparum malaria

Immunity

Facer CA
1980 Clin and Exper Immunol 41 (1) July 81-90
Wa
Plasmodium falciparum, Gambian children, direct
antiglobulin reactions, IgG subclass and Gm
allotype distribution of red cell-bound IgG
molecules, association with anemia

Immunity

Farmer SG
1981 Parasite Immunol 3 (3) Autumn 227-234 Wm
Nippostrongylus brasiliensis-infected rats,
propulsive activity of small intestine, pos-
sible relationship to mechanism of worm expul-
sion

Immunity

Fauble V; Boulard C
1979 Compt Rend Acad Sc Paris 290 s D Sc Mat
(13) Mar 31 911-914 Wm
Hypoderma sp., cattle, demonstration of anaphy-
lactic antibodies

Immunity

Fayez MA et al
1978 J Egypt Med Ass 61 (7-8) 463-470 Wm
schistosomiasis, humans with hepatic bilharzial
cirrhosis, increased levels of serum antibody
titers to Escherichia coli in persons who had
port-caval shunt surgery, supports hypothesis
that immunoglobulins increase after establish-
ment of surgical shunt in patients with cirrho-
sis

Immunity

Ferrante A; Thong YH
1980 Immunol Letters 2 (1) Aug 37-41 Wm
Naegleria fowleri, immunized and non-immunized
mice, accumulation of neutrophils and macro-
phages, unique phagocytic process in neutro-
phil-mediated killing of amoeba

Immunity

Ferreira GG; Argueles E; Oliveira-Lima A
1979 Rev Inst Med Trop S Paulo 21 (6) Nov-Dec
297-301 Wm
T[rypanosoma] cruzi, depression of blood
monocyte chemotaxis in human chronic Chagasic
infection

Immunity

Ferrucci M; Dall'Ara G
1980 Ann Sclavo 22 (4) July-Aug 606-623 Wm
toxoplasmosis and rubella, antibody prevalence
survey comparing prepuberal girls and adult
fecund women, epidemiologic and prophylactic
applications: Ferrara, Italy

Immunity

Fischer E et al
1981 Clin and Exper Immunol 46 (1) Oct 89-97 Wa
Schistosoma mansoni-infected mice, autoanti-
bodies and polyclonal non-specific B cell
activation

Immunity

Fletcher TC; White A; Baldo BA
1980 Parasite Immunol 2 (4) Winter 237-248 Wa
Bothriocephalus scorpii, antigenic determinants
reactive with C-reactive protein (CRP) and with
antiserum to phosphorylcholine, this C sub-
stance causes skin reaction when injected into
Scophthalmus maximus, no evidence for CRP being
toxic to worms, possibility that worms exploit
host CRP for their own survival

Immunity

Flisser A; Perez-Montfort R; Larralde C
1979 Bull World Health Organ 57 (5) 839-856 Wa
Taenia spp., immunology of human and animal
cysticercosis, review

Immunity

Flisser A; Woodhouse E; Larralde C
1980 Clin and Exper Immunol 39 (1) Jan 27-37 Wa
Cysticercus cellulosae, human, evaluation of
immunoelectrophoresis as diagnostic tool (about
50% non-responders), cysticercus antigens rec-
ognized by man, human immunoglobulins among
anti-cysticercus antibodies

Immunity

Font WF
1980 J Invert Path 36 (1) July 41-47 Wa
marine cercariae that do not use molluscs as
second intermediate hosts, unencysted Leuco-
chloridiomorpha constantiae metacercariae, in
vitro effects of cellular and humoral factors
of Crassostrea virginica hemolymph: attraction
of hemocytes to dead but not to living cer-
cariae, encapsulation of dead cercariae by
hemocytes, plasma (cell-free hemolymph) was
apparently not toxic to these cercariae

Immunity

Francis DH; Buening GM; Amerault TE
1980 Am J Vet Research 41 (3) Mar 362-367 Wa
Anaplasma marginale, cattle, evaluation of po-
tential of dodecanoic acid conjugation of
vaccines in limiting isoimmune response;
characterization of humoral immune responses
to Anaplasma and erythrocyte components of
Anaplasma vaccine

Immunity

Freeman RR; Parish CR
1981 Exper Parasitol 52 (1) Aug 18-24 Wa
Plasmodium yoelii, role of antibody in mainte-
nance of immunity in BALB/c mice, serum trans-
fer experiments

Immunity

Fucs R; Barcinski MA
1981 J Parasitol 67 (4) Aug 463-467 Wa
Herpetomonas samuelpessoai, dependence on mac-
rophages of guinea pig T-cell immune response,
demonstration of cross-reactivity at cellular
level between H. samuelpessoai and Trypanosoma
cruzi antigens

Immunity

Fujisaki K; Takeuchi S; Kitaoka S
1980 Japan J Vet Sc 42 (5) Oct 587-593 Wa
Haemaphysalis longicornis, rabbits repeatedly
infested with female ticks, development of
acquired resistance and production of
precipitating and complement-fixing antibodies

Immunity

Fujisaki K; Takeuchi S; Kitaoka S
1981 Eisei Dobutsu (Japan J San Zool) 32 (1)
Mar 15 1-6 Wa
Haemaphysalis longicornis, localization of an-
tigenic substances in tick organs using rabbit
antiserum in double gel-diffusion and indirect
immunofluorescence tests, no resistance de-
veloped in rabbits

Immunity

Fujita K; Tsukidate S
1981 Immunology 42 (3) Mar 363-370 Wa
Dirofilaria immitis, preparation of highly
purified allergen, reaginic antibody formation
in different strains of mice

Immunity

Furukawa T; Niwa A; Miyazato T
1981 Internat J Parasitol 11 (4) Aug 287-300 Wa
Hymenolepis nana, structural changes of onco-
sphere associated with postembryonic develop-
ment in unimmunized mice, damage to larvae
possibly attributable to host immunity in immu-
nized mice, ultrastructural level, interaction
between host cells and parasite

Immunity

Gamal-Eddin FM; Aboul-Atta AM
1979 J Egypt Soc Parasitol 9 (2) Dec 505-540 Wa
infected snail hepatopancreas antigen, for
active immunization against Schistosoma mansoni,
with new records of abnormal morphogenesis and
orientation mechanism among recovered worms

Immunity

Ganguly NK et al
1981 Ann Trop Med and Parasitol 75 (3) June 347-
351 Wa
Giardia lamblia-infected mice (thymectomized
and irradiated vs. normal), lymphocyte sub-
populations, trophozoite counts

Immunity

Gannon J
1980 Lab Animals 14 (3) July 189-192 Wa
Encephalitozoon cuniculi, course of infection
in immunodeficient vs. immunocompetent mice,
IgG and IgM antibody response, histopathology

Immunity

Garb KS; Stavitsky AB; Mahmoud AAF
1981 J Immunol 127 (1) July 115-120 Wm
Schistosoma japonicum, mice, dynamics of anti-
gen- and mitogen-induced responses, in vitro
comparison between hepatic granulomas and
splenic cells, kinetics recall spontaneous
modulation of various clinical and pathologic
parameters in natural disease

Immunity

Gasbarre LC; Finerty JF; Louis JA
1981 Parasite Immunol 3 (3) Autumn 273-282 Wm
Trypanosoma brucei brucei-infected CBA/N mice
(strain with B cell deficiency) vs. conven-
tional mice, survival and level of parasiti-
semia, non-specific immune responses (poly-
clonal B cell activation in spleens, cir-
culating immune complexes, immunosuppression)

Immunity

Gasbarre LC; Hug K; Louis JA
1980 Clin and Exper Immunol 41 (1) July 97-106
Wa
Trypanosoma brucei, induction of T lymphocyte-
dependent proliferative response specific for
parasite

Immunity

Gass RF; Tanner M; Weiss N
1979 Ztschr Parasitenk 61 (1) 73-82 Wa
Dipetalonema viteae third-stage larvae, de-
velopment within micropore chambers implanted
into jirds, hamsters, normal and immunized
mice; antibody production against cuticle and
common antigens by immunized mice led to in-
hibited third- and fourth-stage larvae, in-
creased larval mortality, and impaired larval
motility

Immunity

Geczy AF; Rothwell TLW
1981 Parasitology 82 (2) Apr 281-286 Wa
Trichostrongylus colubriformis, guinea pigs,
influence of genes within major histocompati-
bility complex on susceptibility to infection

Immunity

de Gee ALW; Rovis L
1981 Exper Parasitol 51 (1) Feb 124-132 Wa
Trypanosoma vivax, absence of host protein on
surface coat

Immunity

Gemmell MA; Johnstone PD
1981 Research Vet Sc 30 (1) Jan 53-56 Wa
Taenia hydatigena, sheep, duration of acquired
immunity to embryo, reorganizing larva, and
metacestode in absence of further egg infec-
tions, confirmation that original and super-
imposed cyst populations can coexist

Immunity

Ghadirian E; Meerovitch E
1981 Infect and Immun 51 (2) Feb 571-573 Wa
Entamoeba histolytica, hamsters, effect of
splenectomy on size of liver abscesses and
metastatic foci

Immunity

Ghadirian E; Meerovitch E; Hartmann DP
1980 Am J Trop Med and Hyg 29 (5 pt 1) Sept 779-
784 Wa
Entamoeba histolytica, hamsters, protection
against amebic liver abscess by immunization
with amebic antigen and some of its fractions,
splenomegaly found to accompany development of
abscesses (high degree of correlation between
weights of abscesses and of spleens), no corre-
lation between anti-amebic antibody titers and
gross pathology

Immunity

Ghose AC et al
1980 Clin and Exper Immunol 40 (2) May 318-326
Wa
Leishmania donovani, 49 active kala-azar
patients, IgA, IgG, IgM, and C3 levels, anti-
leishmanial titres in indirect haemagglutina-
tion method, IgG and IgM class-specific anti-
body titres in enzyme-linked immunosorbent
assay method, serodiagnostic potential of ELISA

Immunity

Giambrone JJ; Klesius PH
1980 Poultry Science 59 (8) Aug 1715-1721 Wa
Eimeria spp., correlation between resistance
and delayed hypersensitivity reactions in
chickens previously immunized by repeated in-
fections with living parasites or Coccivac D;
immunologic cross reactivity of E. tenella, E.
necatrix, E. maxima, and E. bovis

Immunity

Gill BS et al
1980 Research Vet Sc 29 (1) July 93-97 Wa
Theileria annulata, susceptible calves, immuno-
logical relationships among 5 Indian strains
(virulence, protection against homologous and
heterologous challenges)

Immunity

Gillet J; Jacques PJ; Herman F
1980 Advances Exper Med and Biol 121A 307-313
Wa
Plasmodium berghei, use of yeast particulate
glucan for causal prophylaxis of mouse malaria

Immunity

Gillin FD; Sher A
1981 Infect and Immun 34 (1) Oct 268-273 Wa
Trichomonas vaginalis activates alternative
complement pathway, this reaction is respon-
sible for lysis of this parasite observed in
fresh sera

Immunity

Gingrich RE
1980 Vet Parasitol 7 (3) Nov 243-254 Wa
Hypoderma lineatum, cattle, innate and acquired
resistance, effects of host age, previous in-
festation, vitamin A deficiency, route and
site of infestation

Immunity

Glauert AM; Oliver RC; Thorne KJI
1980 Parasitology 80 (3) June 525-537 Wa
interaction of human eosinophils and neutro-
phils with inert antibody-coated non-phago-
cytosable surface is closely similar to their
interaction with antibody-coated Schistosoma
mansoni schistosomula, model for studying cell-
mediated cytotoxic reactions

Immunity

Glickman LT; Dubey JP; Winslow LJ
1981 Parasitology 82 (3) June 383-387 Wa
Toxocara canis, ascarid-free dogs fed 100 or
10,000 eggs, serological response, enzyme-
linked immunosorbent assay is sensitive and
specific

Immunity

Goetz P; Boman A; Boman HG
1981 Proc Royal Soc London Biol Sc (1188) 212
July 14 333-350 Wa
Neoplectana carpocapsae and its associated
bacterium in Hyalophora cecropia (exper.),
symbiotic relationship between nematode and
bacteria and its survival value against induced
insect immunity

Immunity

Gohman Yahr M; Convit J; de Pinardi ME
1977 An Brasil Dermat 52 (3) July-Sept 325-332
Wm
leishmaniasis, humans, immunological aspects,
Montenegro skin test characteristics, general
review

Immunity

Gonzalez-Cappa SM et al
1980 Rev Inst Med Trop S Paulo 22 (6) Nov-Dec
275-280 Wm
Trypanosoma cruzi, several strains, activity
of immune sera on surface antigens

Immunity

Gonzalez Cappa SM et al
[1981] J Protozool 27 (4) Nov 1980 467-471
Issued Mar 11 Wa
Trypanosoma cruzi, mice immunized with whole
homogenate or flagellar fraction, relation of
humoral antibody response to protection evalu-
ated by direct agglutination and indirect
fluorescent antibody test as well as by lytic
and neutralizing activity against blood try-
mastigotes, histopathology

Immunity

Gorczyński RM et al
1981 Cellular Immunol 60 (2) May 15 367-375 Wa
Leishmania enrietti, macrophage subpopulations
from uninfected and immune guinea pigs of dif-
ferent strains, ability to support parasite
growth in vitro and to promote proliferation in
lymphocytes of animals recovered from primary
lesion, evidence that macrophage heterogeneity
and Ir-gene control are factors involved in
immune response of guinea pigs to infection
with L. enrietti

Immunity

Gorini P et al
1978 Riv Emoterap ed Immunoematol 25 (5-6) 207-
222 Wm
Toxoplasma gondii, rats, indications that
immune response is both humoral and cellular

Immunity

Goven AJ; Moore GW
1980 Ztschr Parasitenk 61 (3) 265-269 Wa
Trichinella spiralis, congenitally athymic
(nude) mice (exper.), absence of increased
bone marrow eosinophilia or elevation in
intestinal phospholipase B activity

Immunity

Goven BA; Dawe DL; Gratzek JB
1980 J Fish Biol 17 (3) Sept 311-316 Wa
Ichthyophthirius multifiliis, immunization of
Ictalurus punctatus using ciliary and whole
cell antigens of I. multifiliis and
Tetrahymena pyriformis, T. pyriformis ciliary
antigens provided greatest degree of protection

Immunity

Goven BA; Dawe DL; Gratzek JB
1981 Aquaculture 23 (1-4) Apr 269-273 Wa
Ichthyophthirius multifiliis, protective
immunity of Ictalurus punctatus against
challenge infections by immunization with
varying doses of Tetrahymena pyriformis
ciliary antigen

Immunity

Gray AR; Luckins AG
1980 Insect Sc and Its Applic 1 (1) 69-72 Wa
Trypanosoma congolense, 4 stocks, occurrence of
local skin reactions in calves, sheep, and rab-
bits at sites of bites of infected Glossina
morsitans, antibody responses of infected rab-
bits, local skin reaction responses in rabbits
on rechallenge with homologous vs. heterologous
stock, possible epidemiological importance of
differences between parasite stocks

Immunity

Gray AR; Luckins AG
1980 J Comp Path 90 (4) Oct 449-512 Wa
Trypanosoma congolense, cyclical transmission
to rabbits, calves, and sheep by infected Glos-
sina morsitans, local skin reactions, trypano-
some distribution in host, and pathological
changes during initial stage of infection

Immunity

Green TJ et al
1981 Infect and Immun 31 (3) Mar 1203-1208 Wa
Plasmodium falciparum, specific immune serum
inhibits dispersal of merozoites from mature
schizonts and thus interferes with their
subsequent reinvasion of new host
erythrocytes, this phenomenon is viewed as
protective mechanism against malaria which can
be measured in vitro and reflects immune
status of donor

Immunity

Greenblatt CL et al
1981 Lancet London (8218) 1 Feb 28 505-506 Wa
evidence to support hypothesis that leishmanial
parasites may utilize system of camouflage or
mimicry of host blood group antigens to evade
host defense mechanisms

Immunity

Greenwood BM; Fakunle YM
1979 Trop Dis Research Ser (1) 229-244 Wa
tropical splenomegaly syndrome, diagnostic
criteria, clinical features, treatment, patho-
genesis (hypothesis involving abnormal immune
response to malaria which results in excessive
IgM production and formation of large molecu-
lar weight immune complexes), review

Immunity

Gregory MW; Nolan A
1981 Research Vet Sc 30 (3) May 385-387 Wa
Eimeria spp., lambs, globule leucocyte and mu-
cosal mast cell populations in small intestine
(excluding lymphoid areas), globule leucocyte
and mucosal mast cell populations in mucosa
overlying Peyer's patches and in adjacent areas
of same section, % distribution of globule
leucocytes in mucosa of sections which showed
large numbers of these cells

Immunity

Grimaldi GF; Moriearty PL; Hoff R
1980 Clin and Exper Immunol 41 (2) Aug 237-242
Wa

Leishmania mexicana in C3H mice, BCG and levamisole treatment of established infections, results indicate non-specific immunostimulation is ineffective against chronic non-healing type of leishmaniasis in which host has humoral and delayed type hypersensitivity responses to parasites

Immunity

Grimaldi G jr; Moriearty PL; Hoff R
1980 Exper Parasitol 50 (1) Aug 45-56 Wa
Leishmania mexicana in C3H mice, histopathology, humoral and cellular immune responses

Immunity

Gronstol H; Overaas J
1980 Acta Vet Scand 21 (4) 523-532 Wa
Eperythrozoon ovis, lambs (exper.), resulting haemolytic anaemia and acidosis may predispose for listeric septicaemia, but not for listeric meningo-encephalitis, immune response

Immunity

de Groot ER et al
1980 Immunol Commun 9 (5) 515-528 Wm
Crithidia luciliae, high-avidity human antibody to double-stranded DNA (dsDNA) could be virtually completely dissociated from kinetoplast dsDNA at pH 12 and low-avidity antibody at pH 11

Immunity

Gross WG [i e WB] et al
1980 Poultry Science 59 (2) Feb 205-210 Wa
resistance to infectious diseases including *Eimeria necatrix* and *Ornithonyssus sylviarum* in 3 pairs of genetically selected lines of chickens

Immunity

Grosshans E et al
1980 Ztschr Hautkrankh 55 (18) Sept 15 1211-1218 Wm
rosacea, human, immunological reactions to *Demodex caprae* antigens, histogenesis of granulomatous lesions provoked by demodectic fragments in facial skin in rosacea could be based on immunological mechanism, topical acaricides may be useful in treatment

Immunity

Groupe de Travail Scientifique sur la Filariose
1981 Bull World Health Organ 59 (2) 205-212 Wa
Wuchereria bancrofti, *Brugia malayi*, *B. timori*, current knowledge on various aspects of immunodiagnosis, immunopathology, and immunization, review

Immunity

Grove DI; Dawkins HJS
1981 Parasitology 83 (2) Oct 401-409 Wa
Strongyloides ratti, mice, immunosuppression with prednisolone enhanced primary infection, permitted infection in innately resistant mice, and produced complex effects when administered during challenge infection, no evidence of autoinfection

Immunity

Grun JL; Weidanz WP
1981 Nature London (5802) 290 Mar 12 143-145 Wa
Plasmodium chabaudi adami infection in B-cell-deficient mice results in activation of T-cell-dependent immune mechanism which terminates acute malaria in similar way to that in immunologically intact mice, these immunized B-cell-deficient mice were resistant to homologous challenge and *P. vinckei* challenge but not to *P. yoelii* or *P. berghei*

Immunity

Guerra-Caceres JG et al
1980 Parasite Immunol 2 (2) Summer 121-131 Wa
onchocerciasis, humans, mechanisms of adverse reactions produced by diethylcarbamazine (Mazotti reaction), does not appear to require generation of circulating immune complexes or systemic complement activation but eosinophils may be involved

Immunity

Guggenmoos-Holzmann I; Bienzle U; Luzzatto L
1981 Internat J Epidemiol 10 (1) Mar 16-22 Wm
Plasmodium falciparum, children under age 6, incidence and severity of infection with respect to haemoglobin types and red cell glucose-6-phosphate dehydrogenase variants, results suggest that the presence of these genetic traits offers selective advantage against infections, possible mechanisms discussed

Immunity

Guhl F et al
1979 Rev Inst Med Trop S Paulo 21 (4) July-Aug 166-171 Wm
Trypanosoma cruzi-infected mice maintained at 36°C, antibody response, serum from these mice protected recipient mice against lethal infection

Immunity

Gupta S; Chandra S; Saxena KC
1980 Molec and Biochem Parasitol 1 (6) Oct 357-362 Wa
Plasmodium berghei, changes in lysosomal enzymes of peritoneal exudate cells in 2 experimental hosts, increased activities in albino rats (relatively resistant host), decreased activities in *Mastomys natalensis* (which succumbs to infection)

Immunity

Gupta S; Katiyar JC; Sen AB
1981 J Helminth 55 (2) June 101-107 Wa
Hymenolepis nana, susceptibility of rats and chemotherapeutic response to anti-cestode drugs in egg-induced vs. cysticercoid-induced infections, possible role of immunity in differences

Immunity

Gusmao RA; Stanley AM; Ottesen EA
1981 Exper Parasitol 52 (1) Aug 147-159 Wa
Brugia pahangi, inbred Lewis rats, cellular and humoral immune responses (blood leukocyte levels, antifilarial IgG and IgE antibody production, specific lymphocyte responses to mitogens and filarial antigens), findings suggest that development of specific IgE antibodies plays role in differential susceptibility to infection in these rats

Immunity

Gustowska L; Ruitenberg EJ; Elgersma A
1980 Parasite Immunol 2 (2) Summer 133-154 Wa
Trichinella spiralis, thymus-bearing vs. congenitally athymic mice, histological changes in gut, tongue, and 3 lymphoid tissues with special attention to eosinophils, specific antibody production

Immunity

de Gutierrez MV et al
1979 Acta Biochim Clin Latinoam 13 (4) Dec 421-428 Wa
Chagas disease patients, cerebrospinal fluid, physical, cytological, chemical, and immunological analysis

Immunity

Gwadz RW et al
1979 Bull World Health Organ 57 suppl 1 165-173 Wa
Plasmodium knowlesi, vaccination of rhesus monkeys with irradiated sporozoites, antibody response; P. berghei, P. knowlesi, characterization of surface antigens

Immunity

Gwadz RW; Carter R; Green I
1979 Bull World Health Organ 57 suppl 1 175-180 Wa
malaria, gamete vaccines and transmission-blocking immunity, review

Immunity

Gysin J; Fandeur T
1981 J Immunol Methods 43 (2) June 16 193-197 Wm
method for inducing production of large amounts of ascitic fluid in Saimiri sciureus, antibody titers against Plasmodium falciparum in infected monkeys were comparable in serum and ascitic fluid

Immunity

Haas B; Wenk P
1981 Tr Roy Soc Trop Med and Hyg 75 (1) 143-144 Wa
Litomosoides carinii, cotton-rats, turnover of microfilariae is more or less equal in both patent and immunized animals but in the latter nearly all microfilariae are eliminated before entering circulating blood so that patency is prevented

Immunity

Hagan P et al
1981 Parasite Immunol 3 (2) Summer 149-156 Wa
Nematospiroides dubius, stimulation of immunity in mice using larvae attenuated by cobalt 60 irradiation

Immunity

Hagiwara T; Katsube Y; Imaizumi K
1981 Japan J Vet Sc 43 (3) June 345-349 Wa
Toxoplasma, oocyst production in cats surviving after intraperitoneal inoculation of cysts, all developed dye test antibody

Immunity

Haidaris CG; Bonventre PF
1981 Infect and Immun 33 (3) Sept 918-926 Wa
Leishmania donovani, tumoricidal macrophages are insufficiently activated to kill ingested amastigotes in vitro unless an activating stimulus is maintained for several days

Immunity

Halidar JP; Saha KC; Ghose AC
1981 Tr Roy Soc Trop Med and Hyg 75 (4) 514-517 Wa
Leishmania donovani, human, post kala-azar dermal leishmaniasis, serum immunoglobulin and C3 levels, specific antibody titres in indirect haemagglutination and enzyme-linked immunosorbent assay methods, overall difference compared to serological profile of kala-azar patients: India

Immunity

Hale C; Howard JG
1981 Parasite Immunol 3 (1) Spring 45-55 Wa
Leishmania tropica major in Biozzi high and low responder lines of mice, comparative susceptibility, serum antibody levels and delayed-type hypersensitivity responses, macrophage differences

Immunity

Hales JRS et al
1981 Austral J Biol Sc 34 (1) 37-46 Wa
Boophilus microplus, calves, cutaneous hyperaemia elicited by larvae is triggered by host's immune response to larval attachment

Immunity

Hall RD et al
1978 Poultry Science 57 (6) Nov 1728-1732 Wa
Ornithonyssus sylviarum, Leghorn roosters (exper.), effect of corticosterone and inbred antibody competency on mite population development, antibody competency alone probably was not responsible for observed differences

Immunity

Hamburger J; Ben-Sasson SA
1981 Tropenmed u Parasitol 32 (1) Mar 43-47 Wa
Schistosoma mansoni, comparison of sera from chronically infected mice vs. sera from mice immunized with soluble worm antigen (antibody titers to unmodified and modified schistosomula in indirect fluorescent antibody test; passive protective activity; in vitro cytotoxic antibody activity); induction of antibodies by modified schistosomula, cross-testing of this antisera against modified and unmodified schistosomula

Immunity

Hamburger J; Savion S
1981 J Helminth 55 (1) Mar 45-48 Wa
Schistosoma mansoni, mice, enhancement of infection induced by methanol-extraction residue fraction of BCG, may prove useful for studying mechanisms by which S. mansoni evades non-specific resistance

Immunity

Handlinger JH; Rothwell TLW
1981 Internat J Parasitol 11 (1) Feb 67-70 Wa
Trichostrongylus colubriformis, resistant and susceptible guinea-pigs, resting populations of basophil and eosinophil leucocytes and mast cells and their responses to infection

Immunity

Handman E; Remington JS
1980 Infect and Immun 29 (1) July 215-220 Wa
Toxoplasma gondii, mice infected with strains of different virulence, sequence of antibody response to parasite surface antigens

Immunity

Hanna REB
1980 Exper Parasitol 50 (1) Aug 103-114 Wa
Fasciola hepatica, juvenile flukes acquired continuous layer of host IgG over surface during incubation with antiserum, but actively sloughed this layer and replaced the former glycocalyx when transferred to medium lacking antiserum; possible mechanism for protection against host immunity

Immunity

Hanna REB
1980 Exper Parasitol 50 (2) Oct 155-170 Wa
Fasciola hepatica, immunofluorescent study of antigenic changes in tegument during development in rat and sheep

Immunity

Hanson WL
1981 J Protozool 28 (1) Feb 27-30 Issued June 18 Wa
suppressive and enhancing effects of various antiprotozoal drugs on host immune response, possible procedures for enhancing immune response of host undergoing chemoprophylaxis or chemotherapy, symposium presentation

Immunity

Haque A et al
1980 Exper Parasitol 49 (3) June 398-404 Wa
Dipetalonema viteae, attempted infection with 3rd stage larvae in different mouse strains and in nude mice, microfilariae production in different mouse strains and in nude mice after implantation of adult female parasites

Immunity

Haque A et al
1981 Clin and Exper Immunol 43 (1) Jan 1-9 Wa
Dipetalonema viteae infective larvae reach reproductive maturity in rats immunodepressed by prior exposure to *Schistosoma mansoni* or its products and in congenitally athymic rats

Immunity

Harmsen AG; Jeska EL
1980 J Reticuloendothel Soc 27 (6) June 631-637 Wa
Toxoplasma gondii-infected swine vs. normal swine or Freund's complete adjuvant-injected swine, presence of IgM, IgG, and complement receptors on alveolar macrophages and their role in phagocytosis

Immunity

Haroun EM; Hammond JA; Sewell MMH
1980 Research Vet Sc 28 (3) May 377-379 Wa
Fasciola hepatica, immature and mature infections stimulating resistance in rats but not rabbits, host differences (flake numbers following challenge, peripheral eosinophil counts, serum glutamic dehydrogenase levels, response to enzyme-linked immunosorbent assays)

Immunity

Haroun EM; Hammond JA; Sewell MMH
1980 Research Vet Sc 29 (3) Nov 310-314 Wa
Fasciola hepatica, resistance in rats and rabbits following implantation of adult flukes contained in diffusion chambers

Immunity

Haroun EM; Hammond JA; Sewell MMH
1981 Research Vet Sc 30 (3) May 309-311 Wa
Fasciola hepatica, effects of transferring homologous or heterologous sera between infected donors (rats, rabbits, cattle) and naive recipient rats and rabbits

Immunity

Harrison LJS; Sewell MMH
1981 Vet Immunol and Immunopath 2 (1) Feb 67-73 Wa
Taenia saginata, 3-12 month old calves and neonatal calves (exper.), serological response, comparison of enzyme linked immunosorbent assay and indirect haemagglutination technique

Immunity

Hatcher FM et al
1981 J Immunol 127 (3) Sept 1126-1130 Wm
Trypanosoma cruzi-infected mice, increased natural killer cell activity, data not indicative of direct role for host protection by these cells

Immunity

Hauser WE jr; Remington JS
1981 Infect and Immun 32 (2) May 637-640 Wa
Toxoplasma gondii, monoclonal antibodies enhance phagocytosis and killing of tachyzoites by normal mouse peritoneal macrophages

Immunity

Hayes MM; Kierszenbaum F
1981 Infect and Immun 31 (3) Mar 1117-1124 Wa
Trypanosoma cruzi, course of infection in mice given different doses, kinetics of lymphocyte responsiveness to mitogenic stimulation, variations in T and B cell contents of spleen during infection, effects of cyclophosphamide-induced immunosuppression during chronic infection; results indicate that immunosuppression in mice is characteristic of acute (but not chronic) phase of disease and that chronicity is likely to be attained and maintained as consequence of reestablishment of normal immune responsiveness

Immunity

Heath DD; Lawrence SB
1981 Internat J Parasitol 11 (4) Aug 261-266 Wa
Echinococcus granulosus, effect of sera from sheep infected with or immunized against cysts or oncospheres and developing cysts grown in vitro, study also provides new information on early metamorphosis of oncosphere to developing cyst as well as modification of culture media of Heath & Lawrence (1976)

Immunity

Heath DD; Parmeter SN; Osborn PJ
1980 Research Vet Sc 29 (3) Nov 388-389 Wa
Taenia hydatigena, dogs, immunization by macromolecular secretions from cultured worms resulted in high serum antibody titre to antigens but no immunity was induced to challenge infection

Immunity

Heller-Haupt A; Varma MRG; Langi AO
1981 Tr Roy Soc Trop Med and Hyg 75 (1) 147-148 Wa
4 species of ixodid ticks on laboratory animals, acquired resistance to secondary infestation with same species but either partial or no resistance to infestation with another species

Immunity

Henson PM; Mackenzie CD; Spector WG
1979 Bull World Health Organ 57 (5) 667-682 Wa
Onchocerca volvulus, human, inflammatory reactions during course of natural disease and during drug (especially diethylcarbamazine) treatment, review of possible mechanisms and etiology of these reactions, recommendations for further study

Immunity

Herbert WJ; Joshua RA; White RG
1981 Tr Roy Soc Trop Med and Hyg 75 (1) 149 Wa
Trypanosoma brucei in Gallus domesticus (exper.), course of infection, self-cure, subsequent immunity to challenges that contained many variable antigen types, may be useful model host

Immunity

Herman R
1980 Infect and Immun 28 (2) May 585-593 Wa
Leishmania donovani, mice, cytophilic and oncosomic antibodies

Immunity

Hillyer GV; Sagramoso de Ateca L
1980 Am J Trop Med and Hyg 29 (4) July 598-601 Wa
Schistosoma mansoni or Fasciola hepatica in mice, antibody responses to antigen preparations from both species, Ouchterlony immunodiffusion, circumoval precipitin test, enzyme-linked immunosorbent assay, indirect hemagglutination

Immunity

Hinaidy HK
1981 Berl u Munchen Tierarztl Wchnschr 94 (7) Apr 1 121-125 Wa
Babesia divergens, cattle (nat. and exper.), immunization with formalin-killed vaccine showed highest immunogenicity in indirect fluorescent antibody test as compared with β -propiolactone- or with a lyophilized vaccine; effective immunization of cattle in endemic areas in Styria using formalin-vaccine

Immunity

Hinz E
1979 Tropenmed u Parasitol 30 (3) Sept 387-390 Wa
Echinococcus multilocularis, mice, intraperitoneal primary infection inhibits growth of subcutaneous superinfection; intraperitoneal primary infection is responsible for variations in serum proteins, white blood cell counts, and hemoglobin content

Immunity

Hoefling KK; Schroeter AL
1980 J Am Acad Dermat 3 (3) Sept 237-240 Wm
Sarcoptes scabiei, humans, direct immunofluorescence of scabies lesions revealed IgM, IgA, C3, and fibrin in cornified layer of epidermis, dermoepidermal junction, and papillary dermal vessels, findings support a humoral immune response secondary to scabetic infestation

Immunity

Hood AT; Boros DL
1980 Am J Trop Med and Hyg 29 (4) July 586-591 Wa
Schistosoma mansoni, mice, effect of splenectomy on pathophysiology, humoral and cell-mediated granulomatous responses, and liver fibrosis

Immunity

Hopkins CA
1980 Biol Tapeworm Hymenolepis diminuta 551-614 Wa
Hymenolepis diminuta, immunity, review

Immunity

Hoshika K et al
1980 Nippon Shokakibyō Gakkai Zasshi (Japan J Gastroenterol) 77 (3) Mar 368-376 Wm
Giardia lamblia in patient with reduced secretory immunoglobulin A in duodenal aspirate, pathology of parasite-induced malabsorption, flagyl therapy ineffective

Immunity

Howard RJ; Chapman CB; Mitchell GF
1980 Austral J Exper Biol and Med Sc 58 (2) Apr 201-205 Wa
Fasciola hepatica larvae, immunoglobulins are present at surface of living parasites obtained from intact, but not from nude, mice

Immunity

Hsu SYL et al
1980 Ann Trop Med and Parasitol 74 (2) Apr 179-183 Wa
Schistosoma mansoni, histopathological sections of liver and gallbladder from human case of subacute infection reveal possible mode of action of eosinophils as effector cells in destruction of schistosome eggs in granulomas in vivo

Immunity

Hsu SYL; Hsu HF; Burmeister LF
1981 Exper Parasitol 52 (1) Aug 91-104 Wa
Schistosoma mansoni, mice, vaccination with highly x-irradiated cercariae, bioengineering method used to improve immunization effect, age susceptibility to infection and duration of acquired immunity also studied

Immunity

Hudson L
1981 Tr Roy Soc Trop Med and Hyg 75 (4) 493-498 Wa
Trypanosoma cruzi, modelling the host and the parasite (in vivo and in vitro studies), immune response (immunity to infection, immunity and pathogenesis, immunization and immunoprophylaxis), monoclonal antibodies as immunological tools, review

Immunity

Huebner J; et al
1980 Ceskoslov Epidemiol Mikrobiol Imunol 29 (1) Jan 46-51 Wa
toxoplasmosis, short-term seroconversion in patients undergoing rabies vaccinations

Immunity

Huffman EM et al
1981 J Am Vet Med Ass 178 (7) Apr 1 679-682 Wa
Toxoplasma gondii, relationship of neonatal mortality in lambs to serologic status of ewe (indirect hemagglutination test)

Immunity

Hughes DL; Hanna REB; Symonds HW
1981 Exper Parasitol 52 (2) Oct 271-279 Wa
Fasciola hepatica, IgG and IgA levels in serum and bile of cattle throughout 20-week period of infection

Immunity

Hughes DL; Harness E; Doy TG
1981 Research Vet Sc 30 (1) Jan 93-98 Wa
Fasciola hepatica, rats, capability of different parasite stages to induce immunity, susceptibility of various stages to immunological attack

Immunity

Humphrey JD; Spradbery JP; Tozer RS
1980 Exper Parasitol 49 (3) June 381-397 Wa
Chrysomya bezziana, Brahman-cross steers
(exper.), gross and histopathology, clinical
syndrome, hematology and biochemistry, bacteri-
ology

Immunity

Hunter KW; et al
1980 J Immunol 125 (1) July 169-174 Wm
Plasmodium yoelii, mice, analysis of (parasit-
ized and nonparasitized) erythrocyte surface-
bound immunoglobulin by flow microfluorimetry,
could contribute to development of anemia

Immunity

Hunter KW jr et al
1981 Immunol Letters 2 (4) Jan 209-212 Wa
Plasmodium yoelii, mice, early enhancement of
natural killer cell activity (correlated with
transient early rise in serum interferon
levels) followed by marked suppression later
in course of infection, antibody-dependent
cell-mediated cytotoxicity and responses of
T and B lymphocytes to mitogens were suppressed
throughout course of infection

Immunity

Hurley JC; Day KP; Mitchell GF
1980 Austral J Exper Biol and Med Sc 58 (3)
June 231-240 Wa
Nematospiroides dubius, accelerated rejection
of intestinal worms in mice sensitized with
adult worms or worm products by various
routes, host age, sex, and strain as factors;
some slight degree of cross-sensitization with
Nippostrongylus brasiliensis

Immunity

Ibeziako PA; Okerengwo AA; Williams AIO
1980 Internat J Gynaec and Obst 18 (2) Sept-Oct
147-149 Wm
pregnant Nigerian women on malarial chemopro-
phylaxis, malarial fluorescent antibody titres
throughout pregnancy and in paired maternal
and cord blood at delivery, findings show that
if malarial prophylactics are used for pro-
longed period maternal antibody levels will
fall, leaving newborns with lowered immunity to
malaria

Immunity

Ibeziako PA; Williams AIO
1980 Brit J Obst and Gynaec 87 (11) Nov 976-982
Wm
pregnant Nigerian women on malarial chemopro-
phylaxis, immunoglobulin levels and malarial
fluorescent antibody titres at various stages
of gestation and in paired maternal and cord
sera at time of delivery, concluded that new-
born of mothers on prolonged malarial chemopro-
phylaxis may have lowered acquired immunity to
malaria

Immunity

Ikeda T; Fujita K
1980 J Parasitol 66 (2) Apr 197-204 Wa
Paragonimus ohirai, rats, relationship between
IgE titer, migration route, and parasite age,
indirect hemagglutinating antibody response not
influenced by same variables

Immunity

Iskander R; Das PK; Aalberse RC
1981 Internat Arch Allergy and Applied Immunol
66 (2) 200-207 Wa
Schistosoma mansoni and/or *S. haematobium*, hu-
mans, recent vs. chronic infections, serum im-
munoglobulin levels (IgA, IgM, IgE, IgG, IgG
subclasses), specific IgE, IgG, and IgG4 anti-
body levels to *S. mansoni* antigens, concluded
that assay of IgG4 antibodies to adult worm
antigen and soluble egg antigen provides useful
information not obtainable by determination of
total IgG or IgE antibodies

Immunity

Ismail AM et al
1976 Ain Shams Med J 27 (1) Jan 57-60 Wm
hepatic schistosomiasis with enlargement of
spleen, humans, change in immunoglobulins
after splenectomy suggests possible immunolo-
gical role of spleen in hepatic fibrotic in-
fections

Immunity

Ito A
1980 Exper Parasitol 49 (2) Apr 248-257 Wa
Hymenolepis nana in 2 different mouse strains,
time lag prior to acquisition of late immune
response directed against mouse-derived cysts,
survival of worms in primary infections induced
by eggs, mechanism of worm survival in immuniz-
ed mouse host in relation to immunogenicity of
cysts and adult worms

Immunity

Jacqueline E et al
1981 Ann Parasitol 56 (4) 395-400 Wa
Trichinella spiralis, rats (exper.) with bili-
ary secretion diverted from choledoch duct to
bladder, increased number of adult worms, in-
creased production of larvae by females, in-
creased length of females, increased number of
muscular larvae; in vitro inhibition of larvae
production by secretory IgA (SIgA) from bile,
more inhibition by immune SIgA than control
SIgA

Immunity

Jagdish S; Singh DK; Gautam OP
1980 Indian Vet J 57 (2) Feb 177-178 Wa
Theileria annulata, calves (exper.), reverin,
simultaneous infection and treatment protected
against challenge infections

Immunity

Jain P; Sawhney S; Vinayak VK
1980 Tr Roy Soc Trop Med and Hyg 74 (3) 347-350
Wa
Entamoeba histolytica, guinea pigs immunized
with low grade infection, protection against
subsequent challenge, humoral (indirect haemag-
glutination and counterimmunoelectro-
phoresis tests) and cell-mediated (macrophage
migration inhibition test) immune responses in
immunized and unimmunized animals

Immunity

Jain P; Sawhney S; Vinayak VK
1981 Tr Roy Soc Trop Med and Hyg 75 (1) 25-31
Wa
Entamoeba histolytica, guinea pigs, effect of
specific (amoebic) and non-specific
(bacterial) prior sensitization on outcome of
amoebic infection

Immunity

James MA; Alger NE
1981 Internat J Parasitol 11 (3) June 217-220
Wa
Plasmodium berghei, mice, treatment with carrageenan (reported anti-macrophage agent) conferred partial immunity

Immunity

James SL
1981 Parasitology 83 (1) Aug 147-162 Wa
Schistosoma mansoni, in vitro proliferative response to living schistosomula by T lymphocytes from infected mice

Immunity

Jenkins DC; Carrington TS
1981 Parasitology 82 (2) Apr 311-318 Wa
Nematospiroides dubius, course of primary, secondary, and tertiary infections in high and low responder Biozzi mice, results imply that host antibodies play essential role in immunity to this parasite and that resistance cannot be attributed solely to non-specific macrophage activity or cell-mediated immune reactions

Immunity

Jensen DL; Castro GA
1981 Exper Parasitol 52 (1) Aug 53-61 Wa
Trichinella spiralis, migration of rat peritoneal cells (predominantly eosinophils) toward parasite incubates, (normal or immune) rat serum, or (normal or immune) rat spleen cells, or combinations of these 3 components, results indicate generation in presence of rat serum of factors chemotactic for rat cells

Immunity

Jeong KH et al
1981 J Invert Path 38 (2) Sept 256-263 Wa
Biomphalaria spp., distribution and variation of hemagglutinating activity in hemolymph, no correlation between hemagglutinin titer and innate resistance of B. glabrata strains to Schistosoma mansoni, increase in hemagglutinin titer in B. glabrata infected with Echinostoma lindoense or sensitized and reexposed to this parasite

Immunity

Jeong KH; Lie KJ; Heyneman D
1980 J Invert Path 35 (1) Jan 9-13 Wa
Echinostoma lindoense in sensitized and resensitized Biomphalaria glabrata, leucocytosis, significant and more rapid leucocyte increase in resensitized snails

Immunity

Jepsen S; Axelsen NH
1980 Acta Path et Microbiol Scand 88C (5) Oct 263-270 Wa
Plasmodium falciparum, human, antigens and antibodies studied by immunoelectrophoretic methods

Immunity

Jørgensen RJ
1980 Vet Parasitol 7 (2) Sept 153-167 Wa
Dictyocaulus viviparus, cattle, epidemiology, infection in pasture monitored by use of tracer calves and regular pasture sampling, assessment of correlation between pasture larval contamination and pasture infectivity, influence of climate and host immunity: Denmark

Immunity

Johnson RP; Chi LW
1981 Am J Trop Med and Hyg 30 (5) Sept 952-954
Wa
Trypanosoma brucei, mice, immunization, N-methyl-N'-nitro-N-nitrosoguanidine tested as attenuating agent

Immunity

Johnson WD jr
1981 Infect and Immun 33 (3) Sept 948-949 Wa
Toxoplasma gondii, human, acute infection, chronological development of cellular immunity, dichotomy between resolution of clinical illness and responsiveness of B and T lymphocytes to toxoplasma antigens, transient period of antigen-specific immunosuppression

Immunity

Johnstone C; Leventhal R; Soulsby E JL
1981 Exper Parasitol 51 (2) Apr 243-256 Wa
Ascaris suum, T-cell responses of C57BL/6J mice in vitro and in vivo

Immunity

Jones TC
1981 Am J Path 102 (1) Jan 127-132 Wa
obligate intracellular protozoa, interactions with murine macrophages, symposium presentation: protozoal entry mechanisms and phagolysosomal system; protozoal intracellular survival and effects on macrophage function; macrophage antigen processing and genetics of immune response (includes mention of immunosuppression); lymphokine-induced microbicidal and microbistatic changes

Immunity

Jones TW et al
1981 Tr Roy Soc Trop Med and Hyg 75 (4) 560-565
Wa
Trypanosoma brucei gambiense, use of culture-derived metacyclic trypanosomes in studies on serological relationships of 5 stocks from 4 African countries

Immunity

Jong EC; Mahmoud AAF; Klebanoff SJ
1981 J Immunol 126 (2) Feb 468-471 Wm
Schistosoma mansoni, guinea pig eosinophil peroxidase or canine neutrophil peroxidase are capable of killing schistosomula in vitro when combined with hydrogen peroxide and a halide

Immunity

Justus DE; Morakote N
1981 Internat Arch Allergy and Applied Immunol 64 (4) 371-384 Wa
Trichinella spiralis, mast cell degranulation associated with sequestration and removal of parasite antigens

Immunity

Kaiser H; Skofitsch G
1981 Zool Jahrb Jena Abt Syst 108 (1) 70-83 Wa
Hexameris sp., H. lineata, Mermis nigrescens, Pheromermis sp., disc electrophoresis of proteins, reactions in gel diffusion tests with antiserum against Hexameris sp., correlation of these characters with morphologic and biologic characters, implications for taxonomy and phylogeny of Mermithidae

Immunity

- Kaji R; Kamijo T; Kojima S
1981 Immunopharmacology 3 (1) Feb 49-52 Wm
new antiallergic agent (azelastine), inhibitory effects on passive cutaneous anaphylaxis (in rats sensitized with mouse IgE antibodies) and on expulsion of *Nippostrongylus brasiliensis* from rat intestine

Immunity

- Kaliraj P; Ghirnikar SN; Harinath BC
1981 Indian J Exper Biol 19 (3) Mar 287-288 Wa
Wuchereria bancrofti, rabbits, immune response to microfilarial antigen

Immunity

- Karunakaran CS
1980 J Trop Med and Hyg 83 (5) Oct 195-201 Wa
Plasmodium falciparum, *P. malariae*, controlled chloroquine prophylaxis trial in endemic area, drug administered at intervals longer than conventionally recommended in order that inhabitants might possibly acquire immunity by allowing a subpatent parasitemia: Zambia

Immunity

- Kassai T
1979 Ang Parasitol 20 (3) Sept 123-131 Wa
immunological aspects of phylogeny of host-parasite relationships, review

Immunity

- Kassai T et al
1980 Internat J Parasitol 10 (2) Apr 115-120 Wa
Nippostrongylus brasiliensis, rats, no evidence that prostaglandins are directly involved in immune rejection

Immunity

- Katiyar JC; Gupta S; Sen AB
1980 Indian J Exper Biol 18 (11) Nov 1288-1290 Wa
Hymenolepis nana-infected rats, histamine contents of intestines, possible role of excess histamine with regard to immunity and/or physiology

Immunity

- Katz DH
1980 Immunology 41 (1) Sept 1-24 Wa
recent studies on regulation of IgE antibody synthesis in experimental animals and man, review including effects of parasitic infestation on IgE antibody system

Immunity

- Kelly, JD; Campbell NJ
1979 Research Vet Sc 27 (2) Sept 205-209 Wa
Fasciola hepatica, rats, sheep, effect of route of infection on acquired resistance

Immunity

- Kelly JD; Campbell NJ; Dineen JK
1980 Vet Parasitol 6 (4) Mar 359-367 Wa
Fasciola hepatica, rats, passage of juvenile flukes through gut was not essential for either acquisition or expression of acquired resistance

Immunity

- Kemp DH; Bourne A
1980 Parasitology 80 (3) June 487-496 Wa
Boophilus microplus, effect of histamine and other pharmacologically active chemicals on attachment and growth of larvae

Immunity

- Kemp WM; et al
1980 J Immunol 124 (2) Feb 806-811 Wm
Schistosoma mansoni, induced shedding of tegument-associated host immunoglobulins, results show parasite is capable of induced tegument-associated antigen turnover that is both rapid and selective

Immunity

- Kennedy MW
1980 Parasitology 80 (1) Feb 49-60 Wa
Trichinella spiralis, mice, primary, secondary, and tertiary infections, effects of host immune response on worm longevity, fecundity, and position in intestine

Immunity

- Kennedy MW
1980 Parasitology 80 (1) Feb 61-72 Wa
Trichinella spiralis, *Nippostrongylus brasiliensis*, immunologically-mediated non-specific interactions between intestinal phases of the two species in the mouse

Immunity

- Kennedy MW; Bruce RG
1981 Parasitology 82 (1) Feb 39-48 Wa
Trichinella spiralis, mice, reversibility of effects of host immune response on intestinal phase worms following transplantation to new host mice

Immunity

- Kerboeuf D; Jolivet G
1980 Ann Recherches Vet 11 (2) 185-193 Wa
Heligmosomoides polygyrus, (*Nematospiroides dubius*) mice, effect of repeated anthelmintic treatments with or without repeated infections on host receptivity to subsequent infections

Immunity

- Khoury PB et al
1981 Cellular Immunol 59 (2) Apr 233-245 Wa
Schistosoma mansoni, mice, cellular responses against cercarial immunogens in regional draining lymph nodes and spleen: kinetics and characterization of T- and B-rosette forming cells, kinetics and characterization of maturational stages of B lymphocyte populations (capacity to form rosette forming cells, rosette-antibody forming cells, plaque forming cells, immunoglobulin classes)

Immunity

- Khoury PB; Phillips SM
1981 Am J Trop Med and Hyg 30 (2) Mar 394-401 Wa
Schistosoma mansoni, mice, cellular responses of lymphoid organs that drain pulmonary and hepatic phases of primary infection and also cellular responses of spleen: kinetics and characterization of T and B rosette forming cells, kinetics and characterization of B cell subpopulations (capacity to form rosette forming cells, rosette-antibody forming cells, and plaque forming cells; nature of surface and/or secreted immunoglobulins), these local immune responses seem to occupy significant role in mediation of protective immunity and host morbidity

Immunity

Khoury PB; Phillips SM

1981 Cellular Immunol 59 (2) Apr 246-255 Wa
Schistosoma mansoni, mice, cellular responses
against egg immunogens in regional draining
lymph nodes and spleen: kinetics and charac-
terization of T- and B-rosette forming cells,
kinetics and characterization of B-cell sub-
populations (capacity to form rosette forming
cells, rosette-antibody forming cells, plaque
forming cells, immunoglobulin classes)

Immunity

Kierszenbaum F

1980 J Parasitol 66 (4) Aug 673-675 Wa
Trypanosoma cruzi, protection of congenitally
athymic mice by passive antibody transfer

Immunity

Kierszenbaum F

1981 Immunology 44 (3) Nov 641-648 Wa
Trypanosoma cruzi, mice, variation in lympho-
proliferative responses to T. cruzi antigens,
nature of specific immunological deficiency
characteristic of acute phase of disease and
no longer detectable during chronic period

Immunity

Knight R et al

1979 Ann Trop Med and Parasitol 73 (6) Dec 563-
576 Wa
Wuchereria bancrofti, human, clinical findings,
microfilaria counts, filarial serology, and
filarial skin tests for different age groups
and each sex; prevalence of non-filarial para-
sites, various serological parameters, mean
IgE levels, and mean eosinophil counts in dif-
ferent age groups: Middle Fly River region,
Western Papua New Guinea

Immunity

Knopf PM; Cioli D

1980 Internat J Parasitol 10 (1) Feb 13-19 Wa
Schistosoma mansoni, rats, resistance to infec-
tion with cercariae induced by transfer of live
adult worms, concurrent induction of peripheral
eosinophilia and anti-worm antibodies correlat-
ed with induction of resistance

Immunity

Kojima S; Kamiyo T; Ovary Z

1980 Cellular Immunol 50 (2) Mar 15 327-339 Wm
Nippostrongylus brasiliensis, nonspecific en-
hancement of mouse antihapten IgE antibody
response, involvement of T-cell subpopulation
and its product for the potentiation

Immunity

Kojima S; Kitamura Y; Takatsu K

1980 Immunol Letters 2 (3) Dec 159-162 Wa
Nippostrongylus brasiliensis, prolonged infec-
tion in genetically mast cell-depleted W/W^v
mice

Immunity

Krahenbuhl JL et al

1981 Infect and Immun 31 (2) Feb 716-722 Wa
Toxoplasma gondii, enhanced resistance in
muramyl dipeptide-treated mice, failure to
reveal either enhanced cytolytic antibodies
or evidence that peritoneal macrophages were
activated

Immunity

Lackie AM

1980 Parasitology 80 (2) Apr 393-412 Wa
invertebrate immunity, review

Immunity

Lackie AM

1981 Parasite Immunol 3 (3) Autumn 201-208 Wm
Hymenolepis diminuta, agglutination of onco-
spheres by serum from Periplaneta americana but
not by serum from Schistocerca gregaria, effect
of preadsorption of serum with vertebrate
erythrocytes

Immunity

Lackie AM

1981 Develop and Comp Immunol 5 (2) Spring
191-204 Wa
immune recognition in insects, review, includes
some information on insects as intermediate
hosts of parasites

Immunity

Lambert PH; Berney M; Kazymba G

1981 J Clin Invest 67 (1) Jan 77-85 Wa
Trypanosoma brucei gambiense, humans, circu-
lating immune complexes (IC) and C3, circu-
lating IC in relation to polyclonal B cell
activation, rheumatoid factor, and anti-
trypanosome antibodies, IC in cerebrospinal
fluid (CSF), origin of CSF immunoglobulins
and CSF IC

Immunity

Lamont G; Saul A; Kidson C

1981 Exper Parasitol 51 (1) Feb 74-79 Wa
Plasmodium falciparum, method for
quantitatively assaying merozoite invasion of
particular erythrocytes in vitro, technique
used to determine effect of serum from
infected patient on merozoite invasion of
erythrocytes

Immunity

Langhorne J et al

1979 Trop Dis Research Ser (1) 205-228 Wa
Plasmodium knowlesi, vaccination of previously
splenectomized Macaca mulatta with merozoites,
results of challenge infection; effects of
splenectomy on clinical immunity of immunized
M. mulatta and Callithrix jacchus which were
previously resistant to repeated challenge in-
fection; in vitro growth of parasites in pres-
ence of immune spleen cells from M. mulatta
and M. fascicularis

Immunity

Lanotte G; Rioux JA; Pratlong F

1980 Ann Parasitol 55 (6) Nov-Dec 635-643 Wa
visceral leishmaniasis in children vs. adults,
bioclinical analysis, indirect fluorescent
antibody rates; mucosal leishmaniasis, report
of 2 cases: Cevennes, France

Immunity

Lee DL; Martin J

1980 Parasitology 81 (1) Aug 27-33 Wa
Nematodirus battus, lambs, structure of para-
site intestine, changes in structure during
course of infection considered to have been
initiated by immune response

Immunity

Lee DL; Nixon PE; North ACT

1980 Proc Roy Soc London s B Biol Sc (1173) 208
July 17 409-414 Wa
Nematodirus battus, crystals found in intes-
tine, electron microscope study of molecular
structure, possible immunological significance
(may be antibody-antigen complex)

Immunity

Leke R; Viens P; Davies AJS
1981 Clin and Exper Immunol 45 (3) Sept 627-632
Wa
Plasmodium chabaudi-infected normal, T cell-deprived, or nude mice, pattern of parasitaemia, some increase in virulence associated with sustained growth of organism in deprived mice, no positive evidence for modulation of antigenicity of parasite but this is suspected to be present

Immunity

Lempereur C; Capron M; Capron A
1980 J Immunol Methods 33 (3) Apr 10 249-260 Wm
S[chistosoma] mansoni, identification and measurement of rat eosinophil phospholipase D, its activity on schistosomula phospholipids

Immunity

Leon LL et al
1980 Infect and Immun 27 (1) Jan 38-43 Wa
Trypanosoma cruzi epimastigotes, polyribosomal fraction, immunogenic and protective activity in mice

Immunity

Lewis D et al
1981 J Comp Path 91 (2) Apr 285-292 Wa
Babesia divergens, splenectomized calves (exper.), effect of imidocarb dipropionate prophylaxis on course of infection and on subsequent immunity to homologous challenge

Immunity

von Lichtenberg F; Byram JE
1980 Am J Trop Med and Hyg 29 (6) Nov 1286-1300
Wa
Schistosoma mansoni, primary and secondary infections in 4 mammalian laboratory hosts of variable natural susceptibility, leukocytic reactions to schistosomula in lungs, correlation with adult worm recoveries

Immunity

Licois D; Coudert P
1980 Ann Recherches Vet 11 (3) 273-278 Wa
Eimeria intestinalis, rabbits (exper.), immunization, unsuccessful attempts to suppress immunity using immunodepressors, an antibiotic, Escherichia coli, and Eimeria piriformis

Immunity

Liddell KG; Lucas SB; Williams H
1981 Parasitology 82 (2) Apr 205-224 Wa
Babesia divergens (strain isolated from fatal human case)-infected Meriones unguiculatus, useful laboratory host: general course of disease, cryopreservation of infected blood, host adaptation/parasite virulence during semi-continuous passage, parasite morphology, haematological, blood biochemical, and pathological findings, immunity of recovered animals to further challenge

Immunity

Lie KJ; Jeong KH; Heyneman D
1980 Ann Trop Med and Parasitol 74 (2) Apr 157-166 Wa
Schistosoma mansoni, sporocysts in Biomphalaria glabrata with strong natural resistance are encapsulated by granulocytes and killed by strong phagocytic activity, irradiated Echinostoma paraensei sporocysts suppress function of granulocytes; tissue responses associated with destruction of secondary sporocysts in snails with self-cure indicate partial suppression of granulocyte function

Immunity

Lie KJ; Mak JW; Cheong WH
1980 Southeast Asian J Trop Med and Pub Health 11 (3) Sept 328-331 Wa
Breinlia booliati, Brugia malayi, double filarial infections in mosquito hosts did not interfere with host defense responses, preliminary report

Immunity

Lindsley HB et al
1980 Am J Trop Med and Hyg 29 (3) May 348-357
Wa
Trypanosoma rhodesiense in 5 strains of inbred rats, variable severity of glomerulonephritis, correlation with immunoglobulin class-specific antibody responses to trypanosomal antigens and total IgM levels, circulating immune complexes

Immunity

Lindsley HB et al
1981 Infect and Immun 33 (2) Aug 407-414 Wa
Trypanosoma rhodesiense, rabbits, detection and composition of immune complexes (trypanosomal antigens, IgG, IgM, C3), serum IgM and IgG antibodies to trypanosomes, total IgM and IgG

Immunity

Ljungstroem I
1980 Parasite Immunol 2 (2) Summer 111-120 Wa
Trichinella spiralis, responsiveness of mouse spleen cells to various polyclonal T and B cell activators during infection

Immunity

Ljungstroem I et al
1980 Infect and Immun 30 (3) Dec 734-740 Wa
Trichinella spiralis, mice, effect of parasite infection on intestinal fluid transport in concomitant enterotoxic diarrhea (cholera) and on local and systemic antibody formation to cholera toxin immunization

Immunity

Ljungstroem I et al
1980 Scand J Infect Dis Suppl (24) 79-81 Wm
Trichinella spiralis in mice, clarification of effects of various stages of infection on enterotoxin-induced intestinal secretion and on development of local immunity to cholera toxin

Immunity

Londner MV et al
1981 Ztschr Parasitenk 65 (2) 163-166 Wa
Plasmodium berghei, mice (exper.), adoptive transfer of immunity with spleen and bone marrow cells following busulfan and cyclophosphamide treatment

Immunity

Long E et al
1980 Parasitology 81 (2) Oct 355-371 Wa
Schistosoma mansoni, factors affecting acquisition of resistance in the mouse, effect of varying route and number of primary infections, correlation between size of primary infection and degree of resistance that is acquired

Immunity

Long E et al
1981 Ann Trop Med and Parasitol 75 (1) Feb
79-86 Wa
Plasmodium chabaudi infection in mice induces relative unresponsiveness to sheep erythrocytes in terms of serum antibody titres but fails to affect degree of acquired resistance to reinfection with *Schistosoma mansoni*. *S. mansoni* infection has inhibitory effects on *P. chabaudi* parasitaemia

Immunity

Long PL; Johnson J; Reyna P
1980 Avian Dis 24 (2) Apr-June 435-445 Wa
Eimeria spp., broiler chicks (nat. and exper.), use of sentinel birds to monitor potential coccidial challenge, technique may be used to monitor effectiveness of anticoccidial drugs or the immune status of chickens

Immunity

Long PL; Johnson J; Wyatt RD
1980 Poultry Science 59 (10) Oct 2221-2224 Wa
Eimeria tenella, broiler chickens (exper.), clinical effects in partially immune vs. susceptible hosts, presence of severe cecal lesions in partially resistant birds, results suggest at least 3 stages of immunity

Immunity

Louis JA et al
1981 J Immunol 126 (5) May 1661-1666 Wm
Leishmania tropica major, role of H-2 gene complex in interactions between antigen-presenting macrophages and *Leishmania*-immune T lymphocytes

Immunity

Luffau G; Pery P; Petit A
1981 Vet Parasitol 9 (1) Oct 57-67 Wa
Haemonchus contortus, sheep with AA vs. BB hemoglobin types infected once or several times before challenge, attempt to distinguish between self-cure and resistance to reinfection phenomena

Immunity

Lugetti G et al
[1980] Riv Parasitol Roma 39 (2-3) 1978
187-192 Issued Jan Wa
adherence reaction between *Toxocara canis* L2 previously sensitized with immune serum and peritoneal macrophages from normal guinea pigs

Immunity

Lumley AM; Lee DL
1981 Exper Parasitol 52 (2) Oct 183-190 Wa
Nippostrongylus brasiliensis, rats, *Nematodirus battus*, lambs, high-dose or low-dose infections, worm expulsion, changes in weight of male and female worms during course of infection, consequences of weight changes discussed with relevance to expression of enzyme activities of these nematodes on a weight of individual nematode basis

Immunity

Macario AJL; Stahl W; Miller R
1980 Clin and Exper Immunol 41 (3) Sept 415-422 Wa
Toxoplasma gondii, mice with chronic infection, lymphocyte subpopulations in thymus, spleen, and peripheral and mesenteric lymph nodes, physiological pattern of change with host age, pattern was distinctive for each lymphoid organ

Immunity

Macaskill JA et al
1980 Immunology 40 (4) Aug 629-635 Wa
Trypanosoma brucei, immunological clearance of ⁷⁵Se-labelled trypanosomes in mice is largely accomplished by antibody-mediated hepatic phagocytosis which (at least in passively immunized animals) is dependent on opsonization involving C3, no evidence for role of intravascular lysis or activated macrophages

Immunity

MacAskill JA et al
1981 Immunology 43 (4) Aug 691-698 Wa
Trypanosoma brucei, mice infected with ⁷⁵Se-labelled trypanosomes, acute fulminating infections were result of inability of host to achieve effective levels of circulating antibody to cope with massive parasitaemias, not due to impaired macrophage function, no evidence that parasite caused any significant suppression of antibody responses, comparison with parasite strain which caused more chronic infection

Immunity

McClelland G
1980 Exper Parasitol 49 (2) Apr 175-187 Wa
Phocanema decipiens in *Phoca vitulina* and *Halichoerus grypus* (both nat. and exper.), parasite growth, reproduction, survival (in sensitizing and challenge infections), and sex ratio; parasite incidence in free-living hosts varied seasonally and with host age: Nova Scotia

Immunity

McClelland G
1980 Exper Parasitol 49 (3) June 405-419 Wa
Phocanema decipiens in *Phoca vitulina* and *Halichoerus grypus* (nat. and exper.), pathology, resistance to reinfection: Nova Scotia

Immunity

MacDonald TT; Murray M; Ferguson A
1980 Exper Parasitol 49 (1) Feb 9-14 Wa
Nippostrongylus brasiliensis-infected rats, kinetics of mast cells and globule leucocytes at small intestinal sites and in heterotopically transplanted isografts of intestine

Immunity

McDonald V; Phillips RS
1980 Exper Parasitol 49 (1) Feb 26-33 Wa
Plasmodium chabaudi, adoptive transfer of immunity with different spleen cell populations and development of protective activity in serum of lethally irradiated recipient mice

Immunity

McDonald V; Sherman IW
1980 Clin and Exper Immunol 42 (3) Dec 421-427 Wa
Plasmodium chabaudi-immunized mice, lack of correlation between delayed-type hypersensitivity (DTH) and host resistance, DTH depression in immunized challenged mice coincided

Immunity

McDonald V; Sherman IW
1980 Exper Parasitol 49 (3) June 442-454 Wa
Plasmodium chabaudi, mice, immunization, protection, humoral and cell-mediated responses, passive transfer experiments, depressed delayed-type hypersensitivity reactions but increased titers of malarial antibody after challenge

Immunity

de Macedo MS; Mota I
1980 Immunology 40 (4) Aug 701-708 Wa
antigenic competition in IgE antibody production, establishment of parameters involved in primary and secondary responses, *Ascaris suum* and DNP-Asc among antigens used

Immunity

McGowan MJ et al
1980 J Parasitol 66 (1) Feb 42-48 Wa
Amblyomma maculatum, performance of ticks fed on immunized vs. nonimmunized *Oryctolagus cuniculi*

Immunity

McGowan MJ; Barker RW
1980 Bull Entom Soc Am 26 (1) Mar 17-25 Wa
tick-host resistance and immunological relationships, selected bibliography

Immunity

McGreevy PB et al
1980 Am J Trop Med and Hyg 29 (4) July 553-562 Wa
Brugia malayi, natives living in endemic area, indirect fluorescent antibody technique used to determine class of anti-sheath immunoglobulins and prevalence and titer of each class in different age groups, anti-sheath antibodies related to amicrofilaremia but not to filarial disease: South Kalimantan, Borneo

Immunity

McGuinness TB; Kemp WM
1981 Exper Parasitol 51 (2) Apr 236-242 Wa
Schistosoma mansoni, complement-dependent receptor on dorsal tegumental surface of adult male parasites

Immunity

McHardy N
1980 Vet Parasitol 7 (4) Dec 287-296 Wa
Anaplasma marginale, cattle, serological responses (complement fixation and capillary tube agglutination tests) following treatment with gloxazone

Immunity

Machnicka B; Choromanski L
1979 Bull Acad Polon Sc Cl II s Sc Bio1 27 (9) 739-748 Wa
Trypanosoma cruzi-generated immunosuppression, influence on *Hymenolepis diminuta* development in mice, diminished humoral and cellular responses to *H. diminuta*, tapeworms not expelled

Immunity

Mackenzie CD et al
1980 European J Immunol 10 (8) Aug 594-601 Wm
Trichinella spiralis, *Nippostrongylus brasiliensis*, various stages in life cycle, activation of complement and induction of antibodies by cuticle, effects of eosinophils, macrophages, neutrophils, and mast cells on viability of these nematodes following cellular attachment to cuticle via antibodies and/or C

Immunity

McLaren DJ
1980 Trop Med Research Studies Ser (1) 229 pp Wm
Schistosoma mansoni, parasite surface in relation to host immunity, monograph

Immunity

McLeod R et al
1980 Cellular Immunol 54 (2) Sept 1 330-350 Wa
Toxoplasma gondii, in vitro effects of human peripheral blood monocytes, monocyte-derived macrophages, and spleen mononuclear phagocytes on parasites

Immunity

McMyne PS; Strejan GH
1981 Cellular Immunol 58 (2) Mar 1 312-322 Wm
evolution of delayed hypersensitivity, lymphotoxin, IgE, and IgG antibody production in rats following primary and secondary immunizations with DNP-*Ascaris* conjugates and different adjuvants

Immunity

Maddison SE et al
1981 Am J Trop Med and Hyg 30 (3) May 609-615 Wa
Schistosoma mansoni, B-cell-deficient mice acquired as high a level of resistance to challenge infection as did intact control mice but had markedly suppressed IgM and IgG levels

Immunity

Mahoney DF; Wright IG; Goodger BV
1980 Ztschr Parasitenk 62 (1) 39-45 Wa
Babesia bovis, changes in haemolytic activity of serum complement during acute infection of susceptible and immunized *Bos taurus* (exper.), activity of alternative pathways, effect of kinin inhibition

Immunity

Makinde AA; Ezeh AO
1981 Brit Vet J 137 (5) Sept-Oct 485-488 Wa
Toxoplasma gondii, cattle, serological survey, indirect haemagglutination test: Nigeria

Immunity

Mancini PE; Patton CL
1981 Molec and Biochem Parasitol 3 (1) May 19-31 Wa
Trypanosoma brucei brucei, parasite strain-related pattern of cyclic 3',5'-adenosine monophosphate changes during parasite developmental cycle in normal and immunosuppressed rats, possible regulatory role of cyclic AMP in differentiation of trypanosomes

Immunity

Mangold BL; Knopf PM
1981 Parasitology 83 (3) Dec 559-574 Wa
Schistosoma mansoni, rats, host protective humoral immune responses, kinetics of hyperimmune serum-dependent sensitivity and elimination of schistosomes in passive transfer system

Immunity

Marinov R; Dranga A; Mircea M
1979 Bacteriol Virusol Parazitol Epidemiol Bucuresti 24 (4) Oct-Dec 235-238 Wa
P[lasmodium] malariae, humans, acute vs. latent infections, efficiency of radical treatment measured by antibody response

Immunity

Martin J
1981 Parasitology 83 (1) Aug 43-50 Wa
Nippostrongylus brasiliensis, acetylcholinesterase activity in male and female worms during course of primary infection in normal and in protein-deficient rats, possible reasons for changes in enzyme production, may be related to immune response

Immunity

Martin J; Lee DL
1980 Parasitology 81 (3) Dec 573-578 Wa
Nematodirus battus-infected lambs, scanning electron microscopy of duodenal mucosa, position of nematode within intestine, possible role of villus atrophy and of mucus in worm rejection

Immunity

Martin J; Lee DL
1980 Parasitology 81 (3) Dec 587-592 Wa
Nematodirus battus, changes in structure of male worm reproductive system during rejection from lambs

Immunity

Martinez-Cairo C, S et al
1979 Arch Invest Med 10 (3) 121-126 Wm
Entamoeba histolytica, children, serum antibodies, coproantibodies, immunoglobulin classes in fecal material

Immunity

Martinez Cairo C, S et al
1980 Bol Med Hosp Inf 37 (1) Jan-Feb 93-106 Wm
acute human infections including amebic liver abscess, % distribution of T and B lymphocytes in peripheral blood

Immunity

Masake RA et al
1981 Clin and Exper Immunol 43 (3) Mar 583-589 Wa
Trypanosoma congolense, in vitro response to mitogens of leucocytes from infected cattle

Immunity

Masake RA; Morrison WI
1981 Am J Vet Research 42 (10) Oct 1738-1746 Wa
Trypanosoma vivax-infected Boran cattle (exper.), spleen and lymph nodes, gross and histopathologic changes, membrane and intracytoplasmic immunoglobulin, deposits of immunoglobulin, in vitro proliferative response to mitogens of cells obtained from these organs, plasma immunoglobulin concentrations, evidence for existence of intact orderly immune response, results question relative importance of immunodepression in bovine trypanosomiasis

Immunity

Mas Bakal P; in't Veld N
1979 Acta Leidensia 47 37-44 Wa
Toxoplasma (RH and Burk strains), mice (exper.), suspected toxoplasmosis in patients, value of circulating antigen, antibody, and parasitaemia in distinguishing acute, latent, and superinfections, enzyme-linked immunosorbent assay, Sabin Feldman dye test

Immunity

Mason PR; Forman L
1980 J Parasitol 66 (6) Dec 888-892 Issued May 6 1981 Wa
Trichomonas vaginalis, in vitro effect of asexually cultured parasites and their secretions on polymorphonuclear leucocyte chemotaxis

Immunity

Mattern P et al
1980 Infect and Immun 28 (3) June 812-817 Wm
Trypanosoma equiperdum, T. gambiense, rabbits, anti-immunoglobulins, heterophil agglutinins, influence of therapy

Immunity

Mazingue C et al
1980 Internat Arch Allergy and Applied Immunol 63 (2) 178-189 Wa
Schistosoma mansoni, in vitro and in vivo inhibition of mast cell degranulation by factor obtained from parasite, this factor also inhibited IgG2a antibody-dependent eosinophil cytotoxicity against schistosomula, could partly explain low incidence of clinical allergic manifestations observed in parasitic diseases and might represent escape mechanism of parasite to antibody-dependent eosinophil cytotoxicity mechanism

Immunity

Megafu U; Ugwuegbulam I
1981 Internat J Fertility 26 (2) 132-134 Wa
Toxoplasma gondii, incidence of positive indirect hemagglutination test in Ibo women with recurrent abortions, comparison of high and low socioeconomic groups: Nigeria

Immunity

Melo AL; Pereira LH; Chamone M
1980 Tr Roy Soc Trop Med and Hyg 74 (6) 827 Wa
Schistosoma mansoni, previously infected mice, failure to recover larvae from peritoneal cavity in second infection, this Larvae Disappearing Reaction is probably result of immunological reaction and appears to involve adherence of cercariae to peritoneum

Immunity

Mendis KN; Targett GAT
1981 Tr Roy Soc Trop Med and Hyg 75 (1) 158-159 Wa
Plasmodium yoelii, mice, immunization to produce transmission-blocking immunity, nature of anti-gamete immunity produced by vaccination, factors that determine infectivity of gametocytes in non-vaccinated animals

Immunity

Mesfin GM; Bellamy JEC
1980 Vet Parasitol 7 (2) Sept 87-93 Wa
Eimeria falciformis var. pragensis, immunogenicity of different life-cycle stages evaluated with indirect fluorescent antibody reaction

Immunity

Meyers TR; Millemann RE; Fustish CA
1980 J Parasitol 66 (2) Apr 274-281 Wa
Margaritifera margaritifera-infected Oncorhynchus kisutch vs. O. tshawytscha, hematology, infection intensities, parasite growth, histopathology, in vitro tests (attachment to excised gills; survival in fish mucus and plasma), serology

Immunity

Michel JF
1969 Folia Parasitol 16 (4) 361-363 Wa
Dictyocaulus filaria, sheep (exper.), pattern of daily worm loss via bronchial mucus, phenomenon due to accidental displacement of worms from their position in bronchioles rather than a consequence of an immune response

Immunity

Miller KL; Smithers SR
1980 Exper Parasitol 50 (2) Oct 212-221 Wa
Schistosoma mansoni, attrition of challenge infection in mice immunized with highly irradiated live cercariae

Immunity

Miller KL; Smithers SR; Sher A
1981 Parasite Immunol 3 (1) Spring 25-31 Wa
Schistosoma mansoni, response of immune mice to challenge infection which bypasses the skin, evidence for two mechanisms of immunity

Immunity

Minami T et al
1980 National Inst Animal Health Quart Tokyo 20 (2) Summer 44-52 Wa
Theileria sergenti, comparison of Japanese and Russian strains in cattle: morphology, clinical and hematologic findings, transmission by Haemaphysalis longicornis, serology in complement fixation and indirect fluorescent antibody tests

Immunity

Minter-Goedbloed E
1981 Tr Roy Soc Trop Med and Hyg 75 (3) 345-349 Wa
Trypanosoma b. brucei and T. b. rhodesiense in chickens infected as embryos or as adult birds, acquired resistance against reinfection, implications of findings with regard to potential role of chickens and other birds as reservoir hosts

Immunity

Minter-Goedbloed E; Croon JJAB
1981 Tr Roy Soc Trop Med and Hyg 75 (3) 350-353 Wa
Trypanosoma cruzi, insusceptibility of chickens, mainly due to humoral factors but high body temperature may also play some part

Immunity

Miremad-Gassmann M
1981 Acta Trop 38 (2) June 137-147 Wa
Moniliformis moniliformis, antigenic analysis of metabolic and somatic antigens, localization of antigens, IgG antibody response in primary infections and reinfections in Rattus norvegicus, modification of antigens during infection, worm expulsion (after 4 weeks in female hosts and 8 weeks in male hosts), resistance to reinfection

Immunity

Miremad-Gassmann M
1981 Ann Parasitol 56 (4) 407-421 Wa
Moniliformis moniliformis, rats, infection and re-infection, worm expulsion, worm growth, worm localization/migration in host intestine, differences between male and female worms

Immunity

Mishaeva NP; Votikov VI; Tarasenko AB
1981 Zhurnal Mikrobiol Epidemiol i Immunobiol (3) Mar 35-39 Wa
Ixodoidea, laboratory animals, transfer of resistance to tick attachment and feeding with serum and lymphocytes obtained from animals immune to uninfected ticks, effect on transmission of tick-borne encephalitis virus

Immunity

Mitchell GBB et al
1981 Research Vet Sc 30 (2) Mar 246-247 Wa
Fasciola hepatica, rats, successful passive transfer of resistance by immune serum (from sheep) and transfer factor (from rats but not from sheep or calves)

Immunity

Mitchell GBB; Armour J
1981 Research Vet Sc 30 (3) May 343-348 Wa
Fasciola hepatica, sheep, effect of prior nematode and cestode infection on course of infection, investigation of cross-immunizing properties of these parasites per se and modification of any protective effect conferred by immunomodulatory compound levamisole

Immunity

Mitchell GF et al
1981 Austral J Exper Biol and Med Sc 59 (5) Oct 539-554 Wa
Leishmania tropica, resistance and abrogation of resistance to cutaneous leishmaniasis in reconstituted BALB/c nude mice

Immunity

Mitchell GF et al
1981 Internat J Parasitol 11 (4) Aug 267-276 Wa
Schistosoma japonicum, susceptibility of mice of various strains, infection characteristics, radioisotopic lung assay for granuloma formation, anti-egg circumoval precipitin responses

Immunity

Mitchell GF; Curtis JM; Handman E
1981 Austral J Exper Biol and Med Sc 59 (5) Oct 555-565 Wa
Leishmania tropica, various means of increasing resistance to cutaneous leishmaniasis attempted in genetically susceptible BALB/c mice, aspects of mouse strain variation in susceptibility examined

Immunity

Mitchell GF; Rajasekariah GR; Rickard MD
1980 Immunology 39 (4) Apr 481-489 Wa
Taenia taeniaeformis, proposed mechanism of immunologically-mediated genetically-based mouse strain variation in resistance; evidence that both IgG1 and IgG2 fractions of 'immune serum' are required for full expression of passive protection of nude mice

Immunity

Molinari JA; Carrick L; Lubiniecki AS
1979 Tropenmed u Parasitol 30 (4) Dec 429-433 Wa
Trichinella spiralis-infected mice, protection against sarcoma-180 ascites tumors under selected conditions of larval dose and challenge interval

Immunity

Molineaux L et al
1980 Am J Trop Med and Hyg 29 (5 pt 1) Sept 725-737 Wa
malaria, human, analysis of prevalence, incidence, and parasite density by season and age with respect to relationships among 3 Plasmodium spp. present, possible (immunological) explanations for observed excess of double infections of P. falciparum and P. malariae and of seasonal alternation between these 2 species: Garki District, Kano State, Nigeria

Immunity

Moqbel R
1980 Parasite Immunol 2 (1) Spring 11-27 Wa
Strongyloides ratti, primary, secondary, and repeated infections of rats, histopathological changes with special reference to tissue eosinophils and mesenteric mast cells, effect of immunosuppression

Immunity

Moqbel R; McLaren DJ
1980 *Exper Parasitol* 49 (2) Apr 139-152 Wa
Strongyloides ratti, rats, changes in function, morphology, and ultrastructure of adult worms during course of primary and secondary infections

Immunity

Moqbel R; McLaren DJ; Wakelin D
1980 *Exper Parasitol* 49 (2) Apr 153-166 Wa
Strongyloides ratti, rats, transplantation experiments used to assess reversibility or irreversibility of immune damage sustained by worms during primary and secondary infections, implications for understanding phenomenon of autoinfection

Immunity

Moqbel R; Wakelin D
1981 *Parasite Immunol* 3 (3) Autumn 181-189 Wm
Strongyloides ratti, rats, adoptive transfer of immunity with mesenteric lymph node cells

Immunity

Moser G; Wassom DL; Sher A
1980 *J Exper Med* 152 (1) July 1 41-53 Wa
Schistosoma mansoni, studies of antibody-dependent killing of schistosomula employing haptenic target antigens, evidence that loss in susceptibility to immune damage undergone by developing schistosomula involves change unrelated to masking of parasite antigens by host molecules

Immunity

Mukerji K et al
1981 *J Biosc* 3 (1) Mar 77-82 Wa
Ascaris lumbricoides, guinea pigs, immunization, immediate hypersensitivity following challenge, characterization of cytotoxic antibodies, skin tests in *Ascaris*-positive human subjects, concluded that guinea pig is suitable model for testing human *Ascaris* allergens

Immunity

Mullink JWMA; Ruitenber EJ; Kruizinga W
1980 *Lab Animals* 14 (2) Apr 127-128 Wa
Spirochaeta muris infection in rats does not alter immune response to tetanus toxoid

Immunity

Munday BL
1981 *Vet Parasitol* 9 (1) Oct 17-26 Wa
Sarcocystis ovis, ewes (exper.), premature parturition, pathological findings; previous infection with *S. gigantea* did not protect from subsequent challenge with *S. ovis*

Immunity

Murphy JR
1980 *Infect and Immun* 27 (1) Jan 68-74 Wa
Plasmodium yoelii, mice, immunological characteristics of protracted state of immunity; little evidence of heterologous immunity to *P. berghei*

Immunity

Murphy JR
1981 *Infect and Immun* 33 (1) July 199-211 Wa
Plasmodium berghei, nonspecific resistance in some strain B6D2 (but not strain A or ICR) mice generated in response to *Mycobacterium bovis* infection or *Corynebacterium parvum* stimulation, protected mice have capacity to produce humoral factor with anti-*P. berghei* activity

Immunity

Murphy JR; Carter PB; MacDonald TT
1980 *Infect and Immun* 29 (2) Aug 827-830 Wa
Plasmodium berghei, failure of vaccination with formalized blood parasites to protect athymic nu/nu mice; course of infections in vaccinated-protected nu/+ mice varied markedly

Immunity

Murray HW; Cohn ZA
1980 *J Exper Med* 152 (6) Dec 1 1596-1609 Wm
Toxoplasma gondii, macrophage oxygen-dependent antimicrobial activity, enhanced oxidative metabolism as expression of macrophage activation

Immunity

Murray HW; Nathan CF; Cohn ZA
1980 *J Exper Med* 152 (6) Dec 1 1610-1624 Wm
Toxoplasma gondii, macrophage oxygen-dependent antimicrobial activity, role of endogenous scavengers of oxygen intermediates

Immunity

Murrell KD
1980 *Exper Parasitol* 50 (3) Dec 417-425 Wa
Strongyloides ratti, resistance to challenge infection in previously infected rats, sites of elimination of migrating challenge worms in immunized rats, single vs. multiple immunizations with live larvae, immunization with heat-killed infective larvae, expulsion of adult worms from gut of resistant rats

Immunity

Murrell KD
1981 *J Parasitol* 67 (2) Apr 167-173 Wa
Strongyloides ratti, rats, protective role of IgG

Immunity

Musallam R et al
1980 *Immunology* 40 (3) July 343-352 Wa
Schistosoma mansoni, serum protein concentrations during infection in intact and T-cell deprived mice, IgG and antibodies specific for heterologous erythrocytes

Immunity

Musoke AJ et al
1981 *Parasite Immunol* 3 (2) Summer 97-106 Wa
Trypanosoma brucei, cattle, specific antibodies to variable surface glycoproteins, results suggest that polyclonal B cell stimulation leading to dysfunction in control of IgM and IgG production may not be responsible for high levels of these immunoglobulins in bovine trypanosomiasis

Immunity

Musumeci S et al
1981 *Tr Roy Soc Trop Med and Hyg* 75 (2) 304-305 Wa
visceral leishmaniasis, children, haematological data (including immunoglobulin levels), lymphocyte subpopulations, K cell activity

Immunity

Nagasawa H et al
1980 *Immunobiology* 157 (4-5) Dec 307-319 Wa
Toxoplasma gondii, mouse spleen cell-derived *Toxoplasma* growth inhibitory factor, separation from macrophage migration inhibitory factor

Immunity

- Narayanan K et al
1981 J Ass Physicians India 29 (2) Feb 169-172
Wm
Leishmania donovani, human, humoral and cell-mediated responses of 3 cases showed disturbances of T-cells, subpopulations of T-cells, and evidence of circulating immune complexes of nonpathogenic nature

Immunity

- Neilson JTM; Crandall CA; Crandall RB
1981 Acta Trop 38 (3) Sept 309-318 Wa
Dipetalonema viteae-infected hamsters (3 strains differing in susceptibility), serum immunoglobulin and antibody levels, passive transfer of resistance with serum or cells

Immunity

- Nelson WA; Kozub GC
1980 J Med Entom 17 (4) July 31 291-297 Wa
Melophagus ovinus, sheep (exper.), evidence that acquired host resistance is locally mediated and lost with subsequent non-exposure, suggestion of an immune component, histopathological studies show inflammatory reaction with eosinophils in high numbers

Immunity

- Ngwenya BZ
1980 Parasitology 81 (1) Aug 17-26 Wa
Nippostrongylus brasiliensis- or Trichinella spiralis-infected lactating vs. nulliparous mice, depressed lysophospholipase B levels in intestine, reduced numbers of bone-marrow eosinophils, relation to worm expulsion

Immunity

- Niederle JY; Shaddock JA
1980 Infect and Immun 27 (3) Mar 995-1002 Wa
Encephalitozoon cuniculi, control of infections by rabbit macrophages, phagocytic killing is potentiated by specific (antibody) and non-specific (complement) humoral factors

Immunity

- Niederle JY; Shaddock JA; Schmidt EC
1981 J Infect Dis 144 (3) Sept 249-253 Wa
Encephalitozoon cuniculi, selected inbred strains of mice showed marked differences in susceptibility and resistance to infection, immune system plays major role in determining course of infection as does genetics, infection can modulate host's immune system

Immunity

- Norby SWC; Alger NE
1981 Exper Parasitol 51 (1) Feb 104-115 Wa
Plasmodium berghei in in vitro spleen cultures containing various combinations of T lymphocytes, B lymphocytes, and macrophages, primary and secondary immune responses, IgG and IgM titers

Immunity

- Nozais JP
1979 Afrique Med (168) 18 Mar 179-182 Wm
Schistosoma mansoni, children, relationships between host age, host sex, fecal egg count, splenomegaly, and fluorescent antibody levels: Cote d'Ivoire

Immunity

- Nuessen ME; Jeska EL
1981 J Infect Dis 143 (1) Jan 71-75 Wa
Ascaris suum juveniles, carbohydrate-like substances on parasite surfaces plus presence of magnesium cations involved in attachment of phagocytic cells to parasites, probably early nonspecific mechanism of host resistance not dependent on presence of antibody or complement

Immunity

- Nuti M; Elmi Abdullhai S; Thamer G
1978 Parassitologia 20 (1-3) Dec 153-159 Wa
Schistosoma haematobium patients, prevalence of hepatitis B surface antigen (HBsAg), e antigen, anti-HBs antibodies, and anti-e antibodies, relationship not resolved: Somalia

Immunity

- Nwaorgu OC; Connan RM
1980 J Helminth 54 (3) Sept 223-232 Wa
Strongyloides papillosus, migration in rabbits following infection by oral and subcutaneous routes; prolonged presence of larvae in muscles may be analogous to arrested development of other nematodes, immunity is unimportant factor in aetiology of arrested development in this case since deliberate immunization resulted in very few larvae in muscles upon challenge

Immunity

- Oakley GA
1980 Vet Rec 107 (8) Aug 23 166-170 Wa
Dictyocaulus viviparus, calves (exper.), comparative efficacy of levamisole and diethyl-carbamazine citrate and development of protective immunity following treatment

Immunity

- Oaks JA; Kayes SG
[1980] J Parasitol 65 (6) Dec 1979 969-970 Issued Apr 2 Wa
Toxocara canis, method for artificial hatching and culture of second stage larvae, immunological applications

Immunity

- O'Donnell IJ et al
1980 Austral J Biol Sc 33 (1) Mar 27-34 Wa
Lucilia cuprina, fly-struck sheep, serum IgG antibodies to larval antigens in solid-phase radioimmunoassay, more severe myiasis in previously struck vs. unstruck sheep when subjected to standard larval challenge, immunosuppressive therapy reduces extent of myiasis

Immunity

- O'Donnell IJ; Mitchell GF
1980 Internat Arch Allergy and Applied Immunol 61 (2) 213-219 Wa
Ascaris lumbricoides (var. suum), investigation of antigens using radioimmunoassay and sera of naturally infected humans with particular emphasis on antigens which induce and bind IgG antibodies

Immunity

- Ogilvie BM; Askenase PW; Rose ME
1980 Immunology 39 (3) Mar 385-389 Wa
Nippostrongylus brasiliensis, Trichinella spiralis, basophils and eosinophils in 3 strains of rats and in athymic (nude) rats following infection

- Immunity
Olds GR et al
1980 J Exper Med 151 (6) June 1 1557-1562 Wa
Schistosoma mansoni, role of arginase as mediator of increased schistosomula killing by activated macrophages
- Immunity
Olds GR; et al
1981 J Immunol 127 (4) Oct 1538-1542 Wm
Schistosoma mansoni, influence of schistosomiasis and tuberculosis on capacity of human monocytes to kill schistosomula
- Immunity
Olds GR; Mahmoud AAF
1980 J Clin Invest 66 (6) Dec 1191-1199 Wa
Schistosoma mansoni, mice, eosinophil-mediated destruction of schistosome eggs within host granulomatous response
- Immunity
Olobo JO et al
1980 Austral J Exper Biol and Med Sc 58 (6) Dec 595-601 Wa
Leishmania tropica in mice of susceptible and resistant genotypes, course of infection, antibody responses, immunoglobulin isotype analysis of sera
- Immunity
Olveda RM; Olds GR; Mahmoud AAF
1981 Am J Path (471) 104 (2) Aug 150-158 Wa
Schistosoma mansoni-infected and uninfected mice, quantification of pulmonary inflammatory response around schistosomula, correlation with acquired resistance, augmented inflammation and enhanced protection induced by prior sensitization with dead schistosomula or eggs and by adoptive transfer of serum, serum activity shown to reside in fraction containing IgG₁
- Immunity
Onaga H; Ishii T
1980 Japan J Vet Sc 42 (2) Apr 211-219 Wa
Eimeria tenella, enhancing effects of chicken anti-E. tenella serum on phagocytosis of sporozoites and merozoites by chicken peritoneal macrophages; relationship between antibodies and complement and fate of parasites ingested by macrophages
- Immunity
Ortiz-Ortiz L; et al
1980 J Immunol 124 (1) Jan 121-126 Wm
Trypanosoma cruzi, mice, polyclonal B lymphocyte activation, may be responsible for abnormalities in immunoglobulin synthesis and secretion, possible role in etiology of autoimmune disease
- Immunity
Osaki H; Furuya M; Oka M
1979 Zentralbl Bakteriol 1 Abt Orig Reihe A 245 (1-2) Oct 254-261 Wa
Trypanosoma gambiense, immunogenicity and property of antigens obtained from infected mouse blood, resistance of immunized mice against challenge infections
- Immunity
Osborn PJ; Heath DD; Parmeter SN
1981 Research Vet Sc 31 (1) July 90-92 Wa
Taenia ovis, lambs, immunization by injection of vaccine prepared from T. ovis eggs, significant degree of resistance to oral challenge
- Immunity
Oster CN; Koontz LC; Wyler DJ
1980 Am J Trop Med and Hyg 29 (6) Nov 1138-1142 Wa
Plasmodium yoelii, P. chabaudi adami, mice, effects of splenectomy, congenital asplenia, and splenic reconstitution on course of infection
- Immunity
Ottaway CA et al
1980 Immunology 41 (4) Dec 963-971 Wm
Trichinella spiralis, mice, primary enteric infection, alteration in nature of connection between regional blood flow and localization of lymphoblasts in small intestine
- Immunity
Ottesen EA
1979 Immune Mech and Dis 215-233 Wm; Wa
filariasis, human, immune responses discussed in relation to penetration stage of infection, persistence of infection, and pathology, review
- Immunity
Ottesen EA; Poindexter RW
1980 Am J Trop Med and Hyg 29 (4) July 592-597 Wa
Schistosoma mansoni, human, humoral suppressive factors which inhibit lymphocyte proliferative responses to parasite antigens
- Immunity
Ouaisi MA; Haque A; Capron A
1981 Parasitology 82 (1) Feb 55-62 Wa
Dipetalonema viteae, in vitro interaction between rat macrophages and microfilariae in presence of IgE antibody, probable sequence of events leading to killing of microfilariae by macrophages
- Immunity
Owen RL
1980 Tr Roy Soc Trop Med and Hyg 74 (4) 443-445 Wa
giardiasis, immune response in clinical and experimental infections, review
- Immunity
Owen RL; Allen CL; Stevens DP
1981 Infect and Immun 33 (2) Aug 591-601 Wa
Giardia muris, normal and nude mice (exper.), phagocytosis of parasites by macrophages in Peyer's patch epithelium, close physical association of lymphoblasts and macrophages containing parasite remnants suggests that this macrophage activity represents intraepithelial antigen processing as well as intestinal defense mechanism
- Immunity
Ozeretskovskaia NN et al
1979 Trop Dis Research Ser (1) 259-271 Wa
Echinococcus granulosus, E. multilocularis, patients with normal spleens vs. patients with enlarged spleens, clinical data, severity of disease, renal damage, serum immunoglobulin levels, total serum protein content and proteinogramme, phytohaemagglutinin skin test, levels of antibodies to DNA, specific anti-parasite antibodies, effect of prolonged treatment with mebendazole
- Immunity
Parish CR et al
1979 Infect and Immun 26 (2) Nov 422-426 Wm
different murine infections (including Plasmodium berghei and P. yoelii), ability to modify existing serum levels of carbohydrate-defined Ia antigens

Immunity

Pearson RD; Steigbigel RT
1981 J Immunol 127 (4) Oct 1438-1443 Wm
Leishmania donovani, phagocytosis and killing of promastigotes by human polymorphonuclear leukocytes by H₂O₂-peroxidase-halide system

Immunity

Peralta JM et al
1980 J Parasitol 66 (2) Apr 342-344 Wa
Trypanosoma cruzi, mice infected with different strains, antibodies detected by different immunodiagnostic tests

Immunity

Peresan G; Cioli D
1980 Am J Trop Med and Hyg 29 (6) Nov 1258-1262 Wa
Schistosoma mansoni, mice, resistance to cercarial challenge after adult worm transfer

Immunity

Perez H; Pocino M; Malave I
1981 Infect and Immun 32 (2) May 415-419 Wa
Leishmania mexicana-infected mice, nonspecific immunodepression (to sheep erythrocytes), specific responses (as exemplified by protective immunity to challenge infection and delayed hypersensitivity responses to parasite antigens) were apparently unaffected

Immunity

Perrin LH; Dayal R; Rieder H
1981 Tr Roy Soc Trop Med and Hyg 75 (1) 163-165 Wa
Plasmodium falciparum, characterization of antigens present in various erythrocytic developmental stages which are recognized by sera of individuals with varying degrees of immunity

Immunity

Perrudet-Badoux A et al
1980 J Parasitol 66 (4) Aug 671-673 Wa
Trichinella spiralis, course of infection in athymic nude rats, reaction pattern supports concept of thymus-dependence of host response to Trichinella

Immunity

Perrudet-Badoux A et al
1981 Vet Parasitol 8 (1) Feb 89-94 Wa
Trichinella spiralis, action of combination of normal rat peritoneal exudate cells and specific antibodies on new-born larvae in vitro, infectivity for mice of new-born larvae after in vitro pre-treatment with immune serum

Immunity

Pery P et al
1979 Ann Immunol 130C (6) Nov-Dec 879-888 Wa
Nippostrongylus brasiliensis, rats, primary infection, anti-phosphorylcholine antibodies in serum and in mucosal extracts, location of phosphorylcholine antigens in different parasite developmental stages

Immunity

Pesanti EL
1980 J Infect Dis 141 (6) June 775-780 Wa
Pneumocystis carinii, in vitro effects of antiprotozoal drugs, immune serum, and medium enriched with macrophage lysosomal enzymes on viability

Immunity

Philipp M et al
1981 J Exper Med 154 (1) July 1 210-215 Wa
Trichinella spiralis, rats, primary serum antibody response to stage-specific surface antigens, these antigens could be targets for stage-specific antibody-dependent eosinophil-mediated destruction of this parasite

Immunity

Philipp M; Parkhouse RME; Ogilvie BM
1980 Nature London (5782) 287 Oct 9 538-540 Wa
Trichinella spiralis, surface of cuticle expresses protein molecules which change qualitatively following moulting and quantitatively during growth within one stage, surface proteins are released in vitro at rate which depends on conditions of culture (including presence of immune serum)

Immunity

Phillips SM; Reid WA
1980 Internat J Nuclear Med and Biol 7 (2) 173-186 Wa
Schistosoma mansoni, rats, effect of exposure to various immunizing regimens upon subsequent resistance, studies on mechanism for development of optimal protective immunity

Immunity

Piessens WF et al
1980 Am J Trop Med and Hyg 29 (4) July 563-570 Wa
Brugia malayi, human, anti-microfilarial sheath antibodies of different immunoglobulin classes detected by indirect immunofluorescence, antibodies promoting adherence of buffy coat cells to microfilariae, immunoglobulin on microfilariae isolated from blood of microfilaremic individuals, correlation of serum antibodies and cellular responses to microfilarial antigens with clinical status of single individuals: South Kalimantan, Indonesia

Immunity

Piessens WF et al
1981 Acta Trop 38 (3) Sept 227-234 Wa
Brugia malayi-infected patients, effect of diethylcarbamazine treatment on immune responses to filarial antigens, partially reverses state of cellular unresponsiveness to parasite antigens associated with patent filarial infections

Immunity

Pike AW; Chappell LH
1981 Exper Parasitol 51 (1) Feb 35-41 Wa
Hymenolepis diminuta, worm loss and worm weight loss in long-term 1-, 2-, 5-, or 50-worm infections of the rat

Immunity

Pinder M et al
1981 Immunology 44 (1) Sept 51-60 Wa
Theileria parva parva, proliferation and lymphocyte stimulatory capacity of infected lymphoblastoid cells before and after elimination of intracellular parasites

Immunity

Pizzi P. T
1979 Rev Med Chile 107 (2) Feb 180-181 Wm
parasitic infections, antigenic characteristics of parasites, immune responses of hosts, behavior of parasites in evading host immune responses, general review

Immunity

Playfair JHL
1979 Bull World Health Organ 57 suppl 1 245-246
Wa
Plasmodium yoelii, role of macrophages in lethal infection and in mice protected by immunization

Immunity

Poltera AA
1980 Tr Roy Soc Trop Med and Hyg 74 (6) 706-715
Wa
human African trypanosomiasis, endstage lesions in brain and heart; Trypanosoma brucei brucei in mouse model, sequential features in humoral immunology and immunopathology with emphasis on cardiac and cerebral lesions, occurrence of relapses after ethidium bromide or melarsoprol treatment, responsiveness of parasite to melarsoprol in spite of repeated relapses, shift in distribution of parasite in central nervous system after melarsoprol relapse, symposium presentation

Immunity

Poltera AA et al
1980 Clin and Exper Immunol 40 (3) June 496-507
Wa
Trypanosoma brucei brucei, successful induction of cerebral trypanosomiasis in ordinary laboratory mice, parasitaemia and serology, histopathology, immunohistology, electronmicroscopic studies, evolution of brain lesions after ethidium bromide treatment

Immunity

Poulter LW
1980 Clin and Exper Immunol 39 (1) Jan 14-26 Wa
Leishmania enriettii, guinea pigs, adoptive immunization, evidence that basis of protective immune response may change during course of disease from purely cell-mediated mechanism to one involving protective antibody

Immunity

Poulter LW
1980 Clin and Exper Immunol 40 (1) Apr 25-35
Wa
Leishmania enriettii, guinea pigs, intramacrophage localization of parasite protects it from innate and some acquired resistance but does not prevent induction of specific cell-mediated and humoral immunity, metastatic spread of disease may be cause rather than result of suppressed CMI

Immunity

Poulter LW; Pearce MT
1980 Clin and Exper Immunol 42 (2) Nov 211-218
Wa
Leishmania enriettii, guinea-pigs with diffuse cutaneous leishmaniasis, development and decay of protective acquired cell-mediated immunity, loss of ability to resist challenge infection not associated with reduction in serum antibody levels, progressive disease is associated with local suppression of macrophage effector function

Immunity

Powell MB et al
1980 Am J Vet Research 41 (6) June 877-882 Wa
Otodectes cynotis, cats (nat. and exper.), reaginic hypersensitivity, precipitating antibodies, hematologic indices; mode of feeding requires ingesting feline tissue fluids and is route by which parasite antigens are presented to host

Immunity

Powell MR; Kuhn RE
1980 J Parasitol 66 (3) June 399-406 Wa
Trypanosoma cruzi in highly susceptible and relatively resistant mouse strains, measurement of cytolytic antibody using terminal radio-labeling procedure

Immunity

Prasad R et al
1980 Internat J Parasitol 10 (2) Apr 93-96 Wa
Litomosoides carinii, albino rats, thiamine deficiency, greater susceptibility to infection, synergistic role in immunosuppressive effect of infection; antibody-dependent adhesion of splenic cells to microfilariae

Immunity

Pritchard DI; Eady RP
1981 Immunology 43 (3) July 409-416 Wm
Ascaris suum, athymic nude (rnu/rnu) rats, primary and secondary infections, development of eosinophilia

Immunity

Prowse SJ; Mitchell GF
1980 Austral J Exper Biol and Med Sc 58 (6) Dec 603-605 Wa
Nematospiroides dubius in SJL/J (resistant) and C57BL/6 (susceptible) mice and their F₁ hybrids, development of resistance to infection, strain and sex differences

Immunity

Przyjalkowski Z; Cabaj W; Kontny E
1979 Zentralbl Bakteriol 1 Abt Suppl (7) 181-187 Wa
Trichinella pseudospiralis, germfree and conventional mice, course of infection, hematological and serological changes, humoral response determined by immunodiffusion and hemagglutination tests; ". . . it seems unjustified to distinguish the two types of Trichinella [spiralis and pseudospiralis] as separate species only on the basis of the presence of the envelope sheathing T. spiralis larvae"

Immunity

Purnell RE et al
1979 J South African Vet Ass 50 (4) Dec 339-344
Wa
Babesia divergens, isolation, cryopreservation, and characterisation of isolates, preparation of irradiated blood-derived vaccine, subsequent inoculation into calves produced immune response without pathogenic effects, field trials: British Isles

Immunity

Purnell RE et al
1981 Vet Rec 108 (2) Jan 10 28-31 Wa
Babesia divergens, calves inoculated with irradiated infected blood were completely protected against field challenge, clinical, serologic, and haematologic results: Dorset

Immunity

Purnell RE; Lewis D; Young ER
1980 Brit Vet J 136 (5) Sept-Oct 452-456 Wa
Babesia divergens, splenectomized calves (exper.), imidocarb dipropionate given as prophylactic dose prior to infection, subsequent reactions of calves to homologous challenge

Immunity

Quinn TC; Wyler DJ
1980 Am J Trop Med and Hyg 29 (1) Jan 1-4 Wa
Plasmodium berghei, rats, reversibility of crisis, critically important role of spleen in maintaining crisis, findings discussed in relation to alterations in splenic clearance of infected erythrocytes observed during crisis

Immunity

Radulescu S; Meyer EA
1981 Infect and Immun 32 (2) May 852-856 Wa
Giardia lamblia, ability of peritoneal rabbit macrophages from immunized and nonimmunized animals to phagocytose trophozoites in presence of hyperimmune serum, IgG purified from hyperimmune serum, normal serum, or no serum, correlation between ability of antibody to enhance in vitro phagocytosis and to agglutinate antigen

Immunity

Rajasekariah GR; Howell MJ
1980 Research Vet Sc 29 (1) July 124-125 Wa
Fasciola hepatica, rats, assay of glutamate dehydrogenase as measure of liver damage and hence of resistance to challenge infection

Immunity

Rajasekariah GR; Howell MJ
1981 Internat J Parasitol 11 (1) Feb 59-65 Wa
Fasciola hepatica in susceptible (5-week-old) vs. age-resistant (25-week-old) rats, worm recovery, histopathology, haematological changes, precipitating antibody titres

Immunity

Ramalho-Pinto FJ; Smithers SR
1981 Parasite Immunol 3 (3) Autumn 219-226 Wm
Schistosoma mansoni-infected mice, suppressor T cells in specific control of carrier response to TNP-schistosomula

Immunity

Rangel HA et al
1981 Tropenmed u Parasitol 32 (2) June 87-92 Wa
Trypanosoma cruzi, isolation and characterization of proteinase common to epimastigote, trypomastigote, and amastigote forms of different strains, induction of antibodies by proteinase

Immunity

Rehbein G et al
1981 Tropenmed u Parasitol 32 (2) June 101-104 Wa
Theileria annulata-infected calves, peripheral blood lymphocytes assayed for E, EA, and EAC rosette formation

Immunity

Reich CI; Zorzopulos J
1980 Exper Parasitol 50 (2) Oct 272-277 Wa
Boophilus microplus, cattle, production of antienzymes to larval tick phosphomonoesterases, kinetics suggest immunosuppression mechanism operates during normal infestation; antigenic ability of 2 subcellular fractions of larval extracts to induce antiphosphomonoesterases in guinea pigs

Immunity

Rener J et al
1980 Proc National Acad Sc Biol Sc 77 (11) Nov 6797-6799 Wa
Plasmodium gallinaceum, 2 anti-gamete monoclonal antibodies synergistically block transmission of malaria by preventing fertilization in Aedes aegypti

Immunity

Rezai HR; Farrell J; Soulsby EL
1980 Clin and Exper Immunol 40 (3) June 508-514 Wa
[Leishmania] donovani, parasite burdens in liver and spleen of various strains of mice, development of resistance, development of antibody, skin reactivity, adoptive transfer of cells and antibody

Immunity

Ribeiro RD et al
1980 Rev Brasil Biol 40 (1) Feb 51-58 Wa
Trypanosoma cruzi, 3 strains isolated from Callithrix jacchus were pathogenic for white mice, experimental infection of T[riatom]a infestans, T. vitriceps, and R[hodnius] neglectus, role of C. jacchus as wild reservoir; blood trypomastigotes of monkey strain not inactivated by normal human serum and cross immunity tests showed that mice recovered from infections with monkey strains had high resistance against re-infection by Y strain of T. cruzi: Estado de Bahia, Brasil

Immunity

Rickman LR
1981 Tr Roy Soc Trop Med and Hyg 75 (1) 122-123 Wa
Trypanosoma b. brucei. T. b. rhodesiense, effects of serum samples from some African game animals in blood incubation infectivity test, implications for role of wild fauna as reservoirs of trypanosomes pathogenic to man and to his domestic animals

Immunity

Ridley DS; et al
1980 Tr Roy Soc Trop Med and Hyg 74 (4) 508-514 Wa
leishmaniasis, human, cutaneous and mucocutaneous forms, histological classification, attempted correlation with clinical and immunological findings: Brazil

Immunity

Rieckmann KH et al
1979 Bull World Health Organ 57 suppl 1 139-151 Wa
Plasmodium knowlesi, rhesus monkeys, immunization with 3 nonviable blood-stage antigens, response to challenge, haematology, indirect fluorescent antibody test, IgG values, radioimmunoassay values, opsonization and merozoite inhibition tests, B and T cell values, lymphocyte transformation test, intradermal skin test

Immunity

Rifaat MA; Abdel Aal TM
1975 Ain Shams Med J 26 (1) Jan 39-44 Wm
Schistosoma mansoni-infected mice, serum protein changes at different stages of infection, testing for CHR

Immunity

Rimoldi MT et al
1981 Immunology 42 (4) Apr 521-527 Wa
Trypanosoma cruzi, sequence of phagocytosis and cytotoxicity by human polymorphonuclear leucocytes in presence of specific antibody

Immunity

Rimoldi MT; Olabuenaga SE; de Bracco MME
1981 J Protozool 28 (3) Aug 351-354 Wa
Trypanosoma cruzi, phagocytosis by human polymorphonuclear leukocytes assayed by radioisotopic method in presence or absence of anti-T. cruzi antibodies

Immunity

Robertson RH
1980 Canad J Zool 58 (2) Feb 245-251 Wa
cattle infected with both *Hypoderma lineatum*
and *H. bovis* or only *H. lineatum*, antibody
production followed using the tanned-cell
hemagglutination technique, variation in
production according to host age

Immunity

Roberts-Thomson IC et al
1980 Gut 21 (5) May 397-401 Wm
human and murine giardiasis, in humans with
prolonged *Giardia lamblia* infection genetic
markers were analyzed, higher than expected
frequency of certain antigens and phenotypes
were observed; in infected inbred strains of
mice several genes appeared to influence sus-
ceptibility to prolonged infection with *G.*
muris

Immunity

Robineau M; Sereni D
1978 Bull Soc Path Exot 71 (1) Jan-Feb 85-89 Wa
Dracunculus medinensis, 42-year-old man, case
report, acute arthritis of knee with intra-
articular presence of microfilariae, immunol-
ogy: France (native of Africa)

Immunity

Robson J et al
1981 Trop Animal Health and Prod 13 (1) Feb 1-11
Wa
Theileria parva, *T. mutans*, cattle continually
exposed to natural infection, parasitological
and serological response, indirect fluorescent
antibody test, *T. parva* cell culture schizont
antigen more reliable and specific than piro-
plasm antigen: Uganda

Immunity

Rockey JH et al
1981 Arch Opthh Chicago 99 (10) Oct 1831-1840
Wa
Toxocara canis, *Ascaris suum*, passively sensi-
tized guinea pigs and animals infected intra-
vitreally with ascarid larvae, role of IgE
antibodies and mast cells in immunopathology
of eye

Immunity

Rocklin RE et al
1980 J Immunol 125 (5) Nov 1916-1923 Wm
Schistosoma mansoni, Kenyan children,
cell-mediated (CMI) and humoral immune
responses, results imply that several factors
affect CMI response during course of infection
including factors present in serum (possibly
antigen-antibody complexes) and presence of
antigen-specific suppressor cells

Immunity

Rodriguez AM et al
1981 Infect and Immun 31 (2) Feb 524-529 Wa
Trypanosoma cruzi, rats treated with anti-
rabbit antiserum, immunoglobulin levels, spe-
cific anti-parasite antibodies, complement
levels, parasitemia and mortality, results in-
dicate essential role of antibodies, probably
in association with complement or effector
cells or both, in immunity to acute Chagas'
disease

Immunity

Rondelaud D; Barthe D
1980 Ztschr Parasitenk 61 (2) 187-196 Wa
Fasciola hepatica-infected *Lymnaea truncatula*
(exper.), ameobocytic reaction, relationship to
uniform and fluctuating temperatures, host age,
and food supply

Immunity

Rondelaud D; Barthe D
1981 Ztschr Parasitenk 65 (3) 331-341 Wa
Fasciola hepatica-infected vs. non-infected
Lymnaea truncatula, localization and charac-
teristics of amoebocyte-producing organ, effects
of breeding temperature, drying of habitat sed-
iment, and snail body volume on organ develop-
ment

Immunity

Rose AH; Turner KJ
1980 Internat Arch Allergy and Applied Immunol
61 (3) 271-277 Wm
Balb/c mice, effect of low protein diet on IgE
antibody responses to ovalbumin and *Ascaris*
suum body fluid proteins

Immunity

Rose ME; Ogilvie BM; Bradley JWA
1980 Internat Arch Allergy and Applied Immunol
63 (1) 21-29 Wa
Eimeria acervulina, chickens, *E. nieschulzi*,
rats, intestinal mast cell response to primary
and challenge infections, comparison with hel-
minth infections (*Nippostrongylus brasiliensis*
in rats, *Raillietina cesticillus* in chickens);
some properties of chicken mast cells

Immunity

Rosenberg YJ
1981 Cellular Immunol 61 (2) July 1 416-424 Wm
ability of nonspecific T-cell stimulators (in-
cluding *Plasmodium yoelii* infection) to induce
helper-cell-dependent increases in either poly-
clonal or isotype-restricted Ig production in
mice

Immunity

Roth RL; Levy DA
1980 Exper Parasitol 50 (3) Dec 331-341 Wa
Nippostrongylus brasiliensis-infected rats,
peripheral leukocyte responses, correlation of
basophils with blood histamine concentrations

Immunity

Rothwell TLW
1981 J Parasitol 67 (4) Aug 592-593 Wa
Trichostrongylus colubriformis, lack of cross-
protection in guinea pigs vaccinated with other
Trichostrongylus spp. or other nematode genera,
protection stimulated only by injection of an-
tigens from homologous species

Immunity

Rothwell TLW et al
1980 Internat J Parasitol 10 (1) Feb 43-49 Wa
Trichostrongylus colubriformis, immunity
against infection in guinea-pigs and sheep,
comparison with *Nippostrongylus brasiliensis*
infection in rats

Immunity

Roubin R et al
1981 J Reticuloendothel Soc 29 (6) June 423-432
Wm
markers of macrophage heterogeneity, altered
frequency of macrophage subpopulations after
various pathologic stimuli in mice (including
Plasmodium berghei infection)

Immunity

- Rubaire-Akiiki CM; Mutinga MJ
1980 Bull Animal Health and Prod Africa 28 (1)
Mar 35-47 Wa
Rhipicephalus appendiculatus on rabbits, histopathological skin reactions associated with acquired resistance, Arthus type of immediate hypersensitivity is superimposed on and enhances physiopathological reactions of skin, implications for transmission of disease agents by this vector

Immunity

- Rubaire-Akiiki CM; Mutinga MJ
1980 Bull Animal Health and Prod Africa 28 (1)
Mar 49-59 Wa
Rhipicephalus appendiculatus on rabbits, immunological reactions associated with acquired resistance, homocytotropic and precipitating antibody formation

Immunity

- Rudin W et al
1980 Tropenmed u Parasitol 31 (2) June 194-200
Wa
Dipetalonema viteae, ultrastructural aspects of antibody-dependent cell-mediated destruction of microfilariae in vitro and within micropore chambers in vivo, correlation between degree of adherence and degree of microfilarial damage, contribution of different cell types to destruction process

Immunity

- Ruebush MJ; Hanson WL
1980 Am J Trop Med and Hyg 29 (4) July 507-515
Wa
Babesia microti of human origin in mice, resistance to and recovery from primary infection is modulated by T lymphocytes, depressed B cell function and normal T cell function are correlates of this infection

Immunity

- Ruebush MJ; Hanson WL
1980 Cellular Immunol 52 (2) July 1 255-265 Wa
Babesia microti, human-derived Peabody strain, adoptive transfer of immunity from infected mice to naive mice with lymph node and spleen cells, evidence for T-lymphocyte dependence of immunologic memory

Immunity

- Ruebush TK II et al
1981 Am J Trop Med and Hyg 30 (1 pt 1) Jan 291-292 Wa
Babesia microti-infected humans, development and persistence of antibody, indirect immunofluorescent test

Immunity

- Ruebush TK II et al
1981 Am J Trop Med and Hyg 30 (3) May 555-559
Wa
Babesia microti, experimental transmission to Macaca mulatta by Ixodes dammini, parasitemia and antibody levels, seems likely that I. dammini is vector of human B. microti infections

Immunity

- Ruff MD et al
1980 Poultry Science 59 (9) Sept 2008-2013 Wa
Eimeria spp., male broilers (exper.), efficacy of narasin vs. monensin in floor pens, effect on host immunity to reinfection

Immunity

- Ruff MD; Chute MB
1980 Poultry Science 59 (4) Apr 697-701 Wa
Eimeria spp., Hubbard breeder pullets (exper.), interrelationship of feeding regimen (ad libitum vs. restricted), anticoccidial drug efficacy, and development of coccidial immunity

Immunity

- Ruitenbergh EJ et al
1980 Internat Arch Allergy and Applied Immunol 62 (1) 104-110 Wa
Trichinella spiralis infection in mice genetically selected for high and low antibody production, specific antibody response, histopathological changes in small intestine with emphasis on macrophages, intestinal mast cells, globule leucocytes, and eosinophils

Immunity

- Ruitenbergh EJ; Buys J
1980 Vet Immunol and Immunopath 1 (3) Aug 199-214 Wa
Trichinella spiralis, mice, effects of pregnancy on course of infection and associated histopathological changes in thymus and small intestine (litter size, thymus atrophy and thymus mast cells, worm expulsion, recovery of muscle larvae, intestinal mast cells and globule leucocytes, intestinal eosinophils, antibody production, blood eosinophilia)

Immunity

- Ruitenbergh EJ; Elgersma A
1980 Brit J Exper Path 61 (3) June 285-290 Wa
Trichinella spiralis, rats, single or double infections, kinetics of globule leucocytes in the intestinal epithelium, independence of globule leucocytes from intestinal mast cells

Immunity

- Rumjanek FD; McLaren DJ
1981 Molec and Biochem Parasitol 3 (4) Aug 239-252 Wa
Schistosoma mansoni, modulation of schistosomular surface lipid composition by serum, possible role in general adaptation of parasite to host and simultaneous acquisition of protection against immune damage

Immunity

- Ryning FW; Krahenbuhl JL; Remington JS
1981 Immunology 42 (4) Apr 513-519 Wm
bronchoalveolar vs. peritoneal macrophages, cytotoxic (against tumor target cells) and microbicidal (against Toxoplasma gondii) function in normal, Toxoplasma-infected, and Corynebacterium parvum-treated mice

Immunity

- Rzepczyk CM; Clark IA
1981 Infect and Immun 33 (2) Aug 343-347 Wa
Plasmodium vinckei petteri from mice in which endotoxicity was induced showed reduced in vitro incorporation of hypoxanthine, results implied that injection of lipopolysaccharide induced release of mediators with cytostatic effect on parasite

Immunity

- Salata E; Rangel HA
1980 Rev Inst Med Trop S Paulo 22 (5) Sept-Oct 231-241 Wm
Trypanosoma cruzi, mice infected with Y vs. Nicaragua strains, mortality rate, persistence of parasitemia, level of various serum protein components

Immunity

Salman SK; Brown PJ
1980 J Comp Path 90 (3) July 447-455 Wa
Nippostrongylus brasiliensis, active or inactive larvae injected subcutaneously or intravenously to uninfected or immune rats, lung pathology, granuloma formation in immune animals, changes in numbers of mast cells and eosinophils

Immunity

Samuel AM et al
1978 Indian J Med Research 68 Sept 444-449 Wa
tropical eosinophilia, human, immunoglobulin levels, cell-mediated immune response to 4 helminth antigens, evidence of sensitization to filarial antigen, effect of diethylcarbamazine treatment

Immunity

Samuelson JC
1979 Proc 37 Ann Meet Electron Microsc Soc America (San Antonio Texas Aug 13-17) 156-157 Wa
Schistosoma mansoni, loss of concanavalin A binding, antischistosomal antibody binding, and complement binding from surface of schistosomula

Immunity

Samuelson JC; Sher A; Caulfield JP
1980 J Immunol 124 (4) Apr 2055-2057 Wm
Schistosoma mansoni, newly transformed schistosomula spontaneously lose surface antigens and C3 acceptor sites during culture

Immunity

Sandeman RM; Howell MJ
1980 Vet Parasitol 6 (4) Mar 347-357 Wa
Fasciola hepatica, excysted metacercariae cultured in serum taken from sheep weekly for 20 weeks following infection, formation of precipitate on tegument and in surrounding medium, comparison of amount of precipitate formed with levels of liver and bile duct enzymes in serum

Immunity

Sandeman RM; Howell MJ
1981 Research Vet Sc 30 (3) May 294-297 Wa
Fasciola hepatica, sheep, primary and challenge infections, serum enzyme and precipitating antibody levels, worm recoveries, no resistance to challenge, apparent suppression of antibody response during challenge infection; recoveries of adult flukes from rats injected with metacercariae cultured in serum from normal and infected sheep or with freshly excysted metacercariae

Immunity

Sandeman RM; Howell MJ
1981 Vet Parasitol 9 (1) Oct 35-46 Wa
Fasciola hepatica, sheep, primary and challenge infections, precipitating antibodies against excretory/secretory antigens of various developmental stages

Immunity

Sanghvi PK; Vyas M; Johri GN
1980 Indian J Exper Biol 18 (8) Aug 864-866 Wa
Nematospiroides dubius, mice, transfer of acquired immunity using singly sensitized peritoneal exudate cells

Immunity

Sanguigni S et al
1979 Ann Sclavo 21 (5) Sept-Oct 720-724 Wm
Trichomonas vaginalis, women with vaginitis, determination of secretory IgA in vaginal lavage

Immunity

dos Santos RR; Hudson L
1980 Clin and Exper Immunol 40 (1) Apr 36-41 Wa
Trypanosoma cruzi, both antibodies and cells taken from mice 15 days after infection can kill parasite-modified mammalian cells in vitro, lymphocytes taken at 60 days can kill unmodified syngeneic cells in vitro

Immunity

dos Santos RR; Hudson L
1980 Parasite Immunol 2 (1) Spring 1-10 Wa
Trypanosoma cruzi, binding of parasite antigens to membranes of infected and uninfected mammalian cells

Immunity

Sauvager F; Fabiani G; Fauconnier B
1979 Ann Microbiol 130 A (3) Apr 373-383 Wa
Plasmodium berghei, mice infected by various doses, interferon production; chloroquine treatment and splenectomy reduced Plasmodium development and interferon production

Immunity

Sayles PC et al
1981 J Parasitol 67 (4) Aug 585-586 Wa
Leishmania mexicana-infected Mystromys albicaudatus (exper.), specific antibody response, solid phase radioimmunoassay, magnitude of antibody response correlates both with time postinfection and type and progression of cutaneous lesions

Immunity

Schleger AV; Lincoln DT; Kemp DH
1981 Experientia 37 (1) Jan 15 49-50 Wa
Boophilus microplus-infected Bos taurus, mast cell histamine is translocated by eosinophils to attachment site, concentration pattern of histamine appears related to grooming behavior of host, could be important aspect of tick rejection mechanism

Immunity

Schmunis GA et al
1980 Exper Parasitol 50 (1) Aug 90-102 Wa
Trypanosoma cruzi, antibody-induced mobility of surface antigens

Immunity

Schnur LF et al
1981 Ann Trop Med and Parasitol 75 (2) Apr 131-144 Wa
Leishmania strains isolated in Old and New World from human visceral cases, dogs, and wild animals thought to be reservoirs of human visceral leishmaniasis, biochemical and serological taxonomy (nuclear and kinetoplast DNA buoyant densities, excreted factor serotypes, and electrophoretic mobilities of enzymes), ability of L. tropica-like organisms to visceralize, non-L. tropica organisms considered as essentially being single complex that is widely distributed in world

Immunity

Schreiber RD; Feldman HA
1980 J Infect Dis 141 (3) Mar 366-369 Wa
Toxoplasma gondii, human sera, activator system for antibody is identical with classical complement pathway and functions independently of properdin and the alternative complement pathway

Immunity

Scotfield AM
1980 Experientia 36 (12) Dec 15 1404-1405 Wa
Nippostrongylus brasiliensis, rats, primary vs. secondary infections, intestinal glucose absorption and metabolism, pattern of changes probably related to host immunological activity

Immunity

Scott MT
1981 Parasite Immunol 3 (3) Autumn 209-218 Wm
Trypanosoma cruzi, mice recovered from acute infection, results from cell fractionation and passive transfer studies indicate that protective immunity is predominantly B cell-mediated with T cell involvement being restricted to helper role

Immunity

Seed JR; Bogucki MS; Merritt SC
1980 Ohio State Univ Biosc Colloq (5) 131-143 Wm; Wa
trypanosomes, interactions between cell surface and immunoglobulins (host serum components, variant specific antibody), trypanosomes appear to have evolved at least 2 distinct mechanisms for escaping host's immune response, review

Immunity

Selkirk ME; Sacks DL
1980 Tropenmed u Parasitol 31 (4) Dec 435-438 Wa
Trypanosoma brucei, immunosuppression in 2 mouse strains which differ considerably in their ability to survive infection, results confirm that variation in susceptibility to infection is related to ability to mount IgM response

Immunity

Sethi KK; Brandis H
1981 Ann Immunol 132C (1) Jan-Feb 29-41 Wa
Toxoplasma gondii, in vitro immunization of mouse spleen cells, isolation and cloning of hybridomas producing monoclonal antibodies following fusion of in vitro-immunized spleen cells with mouse myeloma cells, characterization of Ig class of antibody produced by hybridomas, reactivities of monoclonal antibodies in different serological assays

Immunity

Sethi KK; Endo T; Brandis H
1981 Immunol Letters 2 (5-6) Mar 343-346 Wa
Toxoplasma gondii trophozoites pre-coated with specific monoclonal antibodies cannot survive within normal (non-immune) murine macrophages

Immunity

Sharma P; Singh K; Dutta GP
1978 Indian J Med Research 67 Mar 374-380 Wa
Entamoeba histolytica, growth patterns in axenic culture using different sera; antisera produced in rabbits analyzed for gel-diffusion precipitin bands, haemagglutinins, and growth inhibitory activity against trophozoites

Immunity

Sharma RL; Dhar DN
1979 Ztschr Parasitenk 61 (1) 53-61 Wa
Oesophagostomum columbianum, lambs, immunization using irradiated third stage larvae, effect on subsequent larval development and immune response; presence of migrating adult worms in mesentery, first report

Immunity

Shaw JJ; Lainson R
1981 Tr Roy Soc Trop Med and Hyg 75 (2) 254-257 Wa
cutaneous and mucocutaneous leishmaniasis, Chagas disease, human, IgA and IgG antibodies, Leishmania mexicana amazonensis and Trypanosoma cruzi as antigens in immunofluorescent tests

Immunity

Sheikh NA
1979 Pakistan J Scient Research Lahore 31 (3-4) 115-122 Wa
Rhipicephalus appendiculatus, rabbits (exper.), humoral response

Immunity

Sher A
1979 Immune Mech and Dis 235-251 Wm; Wa
Schistosoma mansoni-infected mouse model used to study immunity and immune evasion in schistosomiasis, review

Immunity

Sher A; Moser G
1981 Am J Path 102 (1) Jan 121-126. Wa
Schistosoma, immunologic properties of developing schistosomula, evidence suggests that evasion of host immune response involves multiple overlapping mechanisms (development of refractory tegument, permanent loss of surface antigens, masking of parasite antigens by host molecules, and possibly decrease in immunogenicity), symposium presentation

Immunity

Shirahata T; Shimizu K
1980 Microbiol and Immunol 24 (11) 1109-1120 Wa
Toxoplasma gondii, production and properties of immune interferon from spleen cell cultures of infected mice

Immunity

Shubber AH; Lloyd S; Soulsby EJJ
1981 Ztschr Parasitenk 65 (2) 181-189 Wa
Nematospiroides dubius, mice, immunization, effect of lactation on protective immune response to challenge infection, colostral transfer of immunity to offspring; Haemonchus contortus, ewes (exper.), effect of pregnancy and lactation on immune response

Immunity

Siau Y
1980 Ztschr Parasitenk 62 (1) 1-6 Wa
Myxobolus exiguus, lyophilized antigens injected into rabbits and Mugil cephalus, presence of antibodies in serum evaluated by several immunologic techniques

Immunity

Siebert AE et al
1981 Exper Parasitol 51 (3) June 418-430 Wa
Taenia crassiceps, primary and secondary infections in 2 strains of mice, serum immunoglobulin levels, cestode larval surface immunoglobulins

Immunity

Siebert AE jr; Good AH
1980 *Exper Parasitol* 50 (3) Dec 437-446 Wa
Taenia crassiceps, BALB/c and BDF1 mice, kinetics of primary and secondary infections in vivo, effect of immune serum on larvae in vitro, comparison with previous studies using C3H mice

Immunity

Singh M et al
1980 *J Helminth* 54 (2) June 147-153 Wa
Brugia malayi-infected Meriones unguiculatus, indirect fluorescent antibody technique, microfilarial and adult worm antigens, antibody levels in microfilaraemic hosts, antibody titres during course of infection and after diethylcarbamazine treatment

Immunity

Singh M et al
1980 *J Helminth* 54 (2) June 155-159 Wa
Breinlia booliati-infected rats, indirect immunofluorescent antibody technique, microfilarial and adult worm antigens, antibody levels in microfilaraemic rat sera, post-patent rat sera, and amicrofilaraemic rat sera

Immunity

Singhal KC et al
1977 *Indian J Helminth* 28 (1) Mar 1976 43-53
Issued Oct 26 Wa
Setaria cervi, intraperitoneal implantation in rats, changes in leucocyte pattern of host during a six-week period

Immunity

Sirag SB et al
1980 *Parasitology* 80 (3) June 479-486 Wa
Echinostoma revolutum, homologous and heterologous (Schistosoma spp.) resistance in infections in mice

Immunity

Smeal MG; Fraser GC; Robinson GG
1980 *Austral Vet J* 56 (2) Feb 80-86 Wa
cattle nematodes, proportions of inhibited larvae in population make-up in 3 climatic regions, seasonal trends of inhibition may be due to strain differences, climatic factors, immunity, worm density-dependence: New South Wales

Immunity

Smithers SR; Gammage K
1980 *Parasitology* 80 (2) Apr 289-300 Wa
Schistosoma mansoni, mice, new or improved techniques for recovering schistosomula from skin, lungs, and liver used to trace attrition of challenge infection in naive vs. chronically-infected hosts, evidence for 2 distinct mechanisms of immunity against re-infection

Immunity

Smithers SR; Miller KL
1980 *Am J Trop Med and Hyg* 29 (5 pt 1) Sept 832-841 Wa
Schistosoma mansoni, mice, protective immunity, evidence for 2 distinct mechanisms, review

Immunity

Smrkovski LL; Reed SG; Larson CL
1980 *Am J Trop Med and Hyg* 29 (1) Jan 16-20 Wa
Leishmania donovani, cortisone and cyclophosphamide suppress protective effects of BCG in mice challenged with amastigotes

Immunity

Snider TG III et al
1981 *Vet Parasitol* 8 (2) May 173-183 Wa
Ostertagia ostertagi, calves (exper.), single doses of larvae followed by increasing multiple inoculation series, fecal egg counts, plasma pepsinogen levels, inhibited larval development, abomasal lesions, host immunological response suggested by lymphoid cell infiltration in mucosa

Immunity

Sogandares-Bernal F et al
1981 *J Parasitol* 67 (4) Aug 591-592 Wa
Mesocostoides corti tetrathyridia in Macaca fascicularis (omentum, liver, peritoneal cavity) (exper.), 500-fold increase in parasite burden in splenectomized vs. intact host, detection of circulating antigens in serum

Immunity

Sollod AE; Frank GH
1979 *Am J Vet Research* 40 (5) May 658-664 Wa
Trypanosoma congolense, cattle (exper.), humoral immune response to nontrypanosomal antigens, peripheral blood lymphocyte responsiveness, no evidence that immunodepression is major pathologic mechanism in acute bovine infection

Immunity

Srivastava VML et al
1980 *Tr Roy Soc Trop Med and Hyg* 74 (1) 104-105 Wa
Litomosoides carinii in Sigmodon hispidus vs. albino rats, difference in pattern of hepatic glycogen appears to have some bearing on host immune status

Immunity

Stagno S et al
1980 *Pediatrics Am Acad Pediat* 66 (1) July 56-62 Wa
Pneumocystis carinii pneumonia, immunocompetent infants, diagnosis by counterimmunoelectrophoresis or by open lung biopsy

Immunity

Stek M jr; Dean DA; Clark SS
1981 *Am J Trop Med and Hyg* 30 (5) Sept 1033-1038 Wa
Schistosoma mansoni, attrition of challenge worms in irradiation-attenuated cercaria-immunized mice as function of site and time

Immunity

Stromberg BE
1980 *J Immunol* 125 (2) Aug 833-836 Wm
Ascaris suum, potentiation of reaginic (IgE) antibody response to ovalbumin in guinea pigs using soluble parasite metabolic product

Immunity

Stumpf JL; Gilbertson DE
1980 *J Invert Path* 35 (2) Mar 217-218 Wa
Schistosoma mansoni-infected Biomphalaria glabrata, differential leukocytic response of hemocytes (significant increase of granulocytes, constant level of hyalinocytes)

Immunity

Suemura M et al
1980 *J Immunol* 125 (1) July 148-154 Wm
Nippostrongylus brasiliensis, regulatory role of IgE-binding factors from rat T-lymphocytes, mechanism of enhancement of IgE response by IgE-potentiating factor

Immunity

Sulzer AJ et al
1981 Ann Trop Med and Parasitol 75 (4) Aug
375-381 Wm
Plasmodium vivax, human, malaria antibody (indirect immunofluorescence) and parasitaemia patterns in one immune (native Jivaro Indians) and one non-immune (oil field workers) population in malarious area of northern Peru

Immunity

Suzuki T; Damian RT
1981 Am J Trop Med and Hyg 30 (4) July 825-835
Wa
Schistosoma mansoni-infected Papio cynocephalus, development of antibodies to adult worm, egg, and cercarial antigens during acute and chronic infections, immunoglobulin classes, enzyme-linked immunosorbent assay, radioallergosorbent, indirect hemagglutination, circumoval precipitin, and slide flocculation tests

Immunity

Tabel H et al
1981 Tropenmed u Parasitol 32 (3) Sept 149-153
Wa
Trypanosoma vivax, T. congolense, cattle, serum levels of immunoglobulins, natural heterophile antibodies to chicken and sheep red blood cells, and complement-fixing antibodies to T. vivax, concluded that there was little evidence for polyclonal activation of lymphocytes and that decreased IgG₁ levels in T. congolense group might have been reflection of immunosuppression, complement fixation test proved to be sensitive tool for monitoring antibody response to T. vivax, analogous complement fixation test could not be set up with T. congolense

Immunity

Tabel H; Losos GJ
1980 Vet Parasitol 7 (4) Dec 297-303 Wa
Trypanosoma vivax organisms purified by DEAE-cellulose chromatography from blood of cattle do not have bovine serum proteins on their surface

Immunity

Takahashi Y; Yamada K; Sherman IW
1980 Exper Parasitol 50 (2) Oct 201-211 Wa
Plasmodium lophurae, antibody-induced movement and capping of surface membranes of erythrocyte-free malarial parasites

Immunity

Takehara HA et al
1981 Exper Parasitol 52 (1) Aug 137-146 Wa
Trypanosoma cruzi, mice, role of different antibody classes in protection against infection, passive transfer experiments

Immunity

Tamura T et al
1979 J Coll Dairying Nat Sc (17) 8 (1) Oct 89-98 Wa
Babesia gibsoni, dogs (exper.), effect of immunosuppressive treatments or splenectomy, results indicated spleen might play important role in immune mechanism and cell-mediated immunity might be related to protection

Immunity

Tanner M; Weiss N
1978 Acta Trop 35 (2) June 151-160 Wa
Dipetalonema viteae, antibody-dependent adhesion of peritoneal exudate cells to microfilariae in vitro

Immunity

Tanner M; Weiss N
1979 Tropenmed u Parasitol 30 (3) Sept 371-375
Wa
Dipetalonema viteae, hamsters, passive transfer of immunity to circulating microfilariae by spleen cells

Immunity

Tanner M; Weiss N
1981 Acta Trop 38 (3) Sept 325-328 Wa
Dipetalonema viteae, successful immunization of Meriones unguiculatus, unsuccessful immunization of hamsters; evidence for serum-dependent cytotoxicity against developing 3rd and 4th stage larvae in vitro

Immunity

Tanner M; Weiss N
1981 Tr Roy Soc Trop Med and Hyg 75 (1) 173-174
Wa
Dipetalonema viteae, larval development in micropore chambers implanted into normal, infected, and immunized Meriones unguiculatus

Immunity

Targett GA
1981 Developments Immunol 14 301-309 Wa
malaria infection, human, immunological and allergological aspects especially in relation to pathogenesis and pathology, review

Immunity

Tarleton RL; Kemp WM
1981 J Immunol 126 (1) Jan 379-384 Wm
Schistosoma mansoni adults, demonstration of IgG-Fc and C3 receptors, binding of host serum proteins to these receptors may aid parasite survival by helping to prevent immune detection

Immunity

Tavares CAP et al
1980 Parasitology 80 (1) Feb 95-104 Wa
Schistosoma mansoni artificially-transformed schistosomula, simultaneous measurement of incorporation of labelled amino acid into tegumental proteins and acquisition of protection against antibody-mediated killing either in presence or absence of serum and puromycin

Immunity

Taverne J; Dockrell HM; Playfair JHL
1981 Infect and Immun 33 (1) July 83-89 Wa
Plasmodium yoelii, P. berghei, malarial parasites may be killed by nonspecific soluble mediators that are obtained from mice given macrophage-activating agents followed by endotoxin, sera obtained from mice given endotoxin during course of infection with these parasites also contained parasite-killing factor

Immunity

Taylor DW; Siddiqui WA
1979 Bull World Health Organ 57 suppl 1 247-253
Wa
Plasmodium falciparum, cellular and humoral immune responses in Aotus trivirgatus following vaccination

Immunity

Taylor SM et al
1980 Vet Rec 106 (8) Feb 23 167-170 Wa
Babesia divergens, cattle, immunization with irradiated infected blood, protection against high level challenge with infected Ixodes ricinus at field trial site: Northern Ireland

Immunity

Taylor SM et al
1980 Vet Rec 106 (17) Apr 26 385-387 Wa
Babesia divergens, cattle immunised with known strain of parasite and subsequently exposed to tick-induced challenge with heterologous strain were not clinically affected

Immunity

Teixeira ARL
1979 Bull World Health Organ 57 (5) 697-710 Wa
Trypanosoma cruzi, humans, immune mechanisms, trends in immunological research, and prospects for immunoprophylaxis, review

Immunity

Thiermann E; Arribada A
1974 Rev Med Chile 102 (2) Feb 98-103 Wm
Toxoplasma gondii, avirulent strain, mice, serology, numbers of cysts in heart and brain tissue at various intervals after infection

Immunity

Thomas V; Sinniah B; Yap PL
1980 Southeast Asian J Trop Med and Pub Health 11 (1) Mar 119-125 Wa
Toxoplasma gondii, human, indirect fluorescent antibody prevalence in relation to age group, sex, and ethnic group, prevalence of specific IgM antibodies: Malaysia

Immunity

Thompson JP et al
[1980] J Parasitol 65 (6) Dec 1979 966-969 Issued Apr 2 Wa
Dipetalonema viteae transplanted into CBA/H vs. CBA/N mice (latter strain does not produce antibody to certain T independent immunogens), clearance of microfilariae and serum antibody response

Immunity

Thompson JP et al
1981 J Parasitol 67 (5) Oct 728-730 Wa
Brugia malayi, efficient clearance of injected microfilariae in CBA/H mice in contrast to prolonged microfilaremia in CBA/N mice, CBA/N mice have delayed IgG and deficient IgM response in comparison to CBA/H mice, development of acquired resistance in CBA/H but not in CBA/N mice

Immunity

Thompson RCA; Howell MJ
1979 Ztschr Parasitenk 61 (1) 93-98 Wa
Fasciola hepatica, effect of BCG on resistance of rats to infection

Immunity

Thong YH; Ferrante A
1980 Clin and Exper Immunol 39 (1) Jan 190-194 Wa
pyrimethamine enhances antibody and delayed-type hypersensitivity responses to sheep red cells in mice and reverses immunodepression of tumour-bearing mice

Immunity

Thong YH; Ferrante A; Secker LK
1981 Tr Roy Soc Trop Med and Hyg 75 (1) 108-109 Wa
uninfected mice treated with chloroquine, quinine, or primaquine have normal immunological responses, implications for malaria chemotherapy

Immunity

Thorne KJI et al
1981 Parasitology 83 (1) Aug 115-123 Wa
Trypanosoma dionisii, trypomastigotes are less sensitive than epimastigotes to cytotoxic effect of peroxidase and hydrogen peroxide and are therefore susceptible to high concentrations of peroxidase found in phagosome of neutrophil but resist lower levels encountered in monocyte

Immunity

Thurston JP
1968 J Zool London 154 (4) Apr 481-485 Wa
Oculotrema hippopotami on Hippopotamus amphibius (nictitating membrane, under eyelid), frequency distribution, age of host, absence of strong immune response: Western Uganda

Immunity

Todorov T et al
1979 Bull World Health Organ 57 (5) 741-750 Wa
pulmonary echinococcosis, humans, comparison of geometric mean titres of antibody response using 5 immunodiagnostic procedures and the role of certain factors in determining immunoreactivity

Immunity

Todorov T; Stoianov G
1979 Bull World Health Organ 57 (5) 751-758 Wa
echinococcosis, humans, hepatic vs. pulmonary cysts, antibody levels studied by various immunological tests before and after surgical therapy, prognosis based on changes in titres

Immunity

Tomlinson MJ et al
1980 Rev Inst Med Trop S Paulo 22 (5) Sept-Oct 219-230 Wm
Trypanosoma cruzi, dogs treated with irradiated parasites and challenged with virulent parasite strain vs. dogs receiving just challenge infection, serological and cardiac pathology

Immunity

Tosta CE; Wedderburn N
1980 Clin and Exper Immunol 42 (1) Oct 114-120 Wa
Plasmodium yoelii, immune phagocytosis of infected erythrocytes by macrophages and eosinophils, opsonizing antibodies alone in absence of macrophage activation cannot account for phagocytosis of non-parasitized erythrocytes which is probably involved in pathogenesis of malaria anemia

Immunity

Tribouley J; Tribouley-Duret J; Appriou M
1979 Compt Rend Soc Biol Paris 173 (6) 1046-1049 Wa
Schistosoma mansoni, rats, partial immunity to challenge after injection of S. mansoni antigen + Freund's incomplete adjuvant + muramyldipeptide

Immunity

Trischmann TM; Bloom BR
1980 Exper Parasitol 49 (2) Apr 225-232 Wa
Trypanosoma cruzi, passive protection of mice with immune T-cell-enriched and -depleted lymphocyte populations and unfractionated immune spleen cells

- Immunity**
 Trizio D; Della Bruna C; Isetta AM
 1980 Immunology 40 (3) July 553-558 Wa
 Schistosoma mansoni in different strains of mice, time course of modification of immune responsiveness after cercarial exposure: antibody response, mitogen responsiveness, delayed hypersensitivity; both immunostimulation and immunodepression observed
- Immunity**
 Tsuboi M et al
 1980 Rinsho Ketsueki (Japan J Clin Hematol) 21 (7) July 999-1006 Wa
 angio-immunoblastic lymphadenopathy with dysproteinemia, woman, associated with elevated anti-Toxoplasma antibody, anti-DNA antibody, and cold hemagglutinin titer, after therapy with mercaptopurine/azathioprine anti-Toxoplasma antibody titers were no longer present
- Immunity**
 Turk JL
 1979 Immunol Aspects Infect Dis 421-452 Wa
 immunology of chronic infections, review, includes sections on protozoal and helminthic infections
- Immunity**
 Uber CL; Roth RJ; Levy DA
 1980 Nature London (5779) 287 Sept 18 226-228 Wa
 Nippostrongylus brasiliensis, expulsion by mice deficient in mast cells not different from control mice, possible role of goblet cells in self-cure reaction
- Immunity**
 Underdown RJ et al
 1981 J Immunol 126 (2) Feb 669-672 Wa
 Giardia muris in C3H/He (susceptible) vs. BALB/c (resistant) mice, ability to resist 2nd infection at various times after drug cure of primary infection, ability of infected females to protect their suckling neonates from challenge infection
- Immunity**
 Urban JF Jr; Ishizaka K; Basiri H
 1980 J Immunol 124 (2) Feb 527-532 Wm
 Nippostrongylus brasiliensis-infected rats, IgE-B cell generating factor from lymph node cells, major source of this factor is IgE-, IgD-, IgM-triple bearing cells, regulation of factor formation by anti-immunoglobulin
- Immunity**
 Urquhart GM
 1980 Tr Roy Soc Trop Med and Hyg 74 (6) 726-729 Wa
 African trypanosomiasis in domestic animals, pathogenesis (anemia, tissue lesions, immunosuppression), immunology (prospects for vaccination, 'non-sterile immunity'), symposium presentation
- Immunity**
 Urquhart GM et al
 1981 Vet Rec 108 (9) Feb 28 180-182 Wa
 Dictyocaulus viviparus, calves, levamisole or fenbendazole treatment followed by reinfection, clinical signs, worm burdens, pathology, incompletely developed immune response, concluded that any system of 'control' which depends on drug therapy and reinfection is unpredictable and that vaccination offers only effective method of prophylaxis
- Immunity**
 Vadas MA
 1980 Immunogenetics 11 (3) Sept 1 215-223 Wa
 parasite immunity and the major histocompatibility complex, review
- Immunity**
 Vadas MA et al
 1980 Clin and Exper Immunol 39 (3) Mar 683-694 Wm
 Schistosoma mansoni, unpurified peripheral blood leucocytes or purified eosinophils and neutrophils from patients or from normal individuals were compared for ability to interact with antibody-coated schistosomula
- Immunity**
 Vadas MA et al
 1980 J Immunol 124 (5) Mar 1441-1448 Wm
 Schistosoma mansoni, stable and irreversible antibody-dependent adherence of eosinophils to schistosomula, adherence of neutrophils is less extensive and is readily reversible
- Immunity**
 Van Dam RH et al
 1981 Vet Parasitol 8 (1) Feb 1-11 Wa
 Trypanosoma vivax, goats (exper.), suppression of humoral and cell-mediated immunity
- Immunity**
 Van Nester D
 1981 Internat J Dermat 20 (4) May 264-269 Wa
 Sarcoptes scabiei var. hominis, life physiological activities (skin penetration, burrowing mechanism; egg hatching, moult) studied by electron microscopy, possible role of materials associated with these life activities as activators of both cellular and humoral aspects of the host's immune system
- Immunity**
 Vardhani VV; Johri GN
 1979 Pakistan J Zool 11 (2) 207-209 Wa
 Ancylostoma caninum, mice (exper.), role of immunity in releasing histamine, found in abdominal muscles, production of histamine influenced by dosage of infection
- Immunity**
 Vardhani VV; Johri GN
 1981 Internat J Parasitol 11 (2) Apr 145-147 Wa
 Ancylostoma caninum, migratory behavior and survival pattern of larvae in adoptively immunized mice
- Immunity**
 Vardhani V; Johri GN
 1981 J Hyg Epidemiol Microbiol and Immunol 25 (1) 31-34 Wa
 Ancylostoma caninum, mice infected with repeated doses of larvae, pharmacological estimation of histamine in intestine, possible source of excess histamine and role in immunity
- Immunity**
 van der Veen J; Polak MF
 1980 J Hyg Cambridge 85 (2) Oct 165-174 Wa
 Toxoplasma, human, survey, prevalence of antibodies according to age, estimates of frequency of primary maternal infection and associated risk of fetal infection: The Netherlands

Immunity

Veress B; Abdalla RE; El Hassan AM
1981 Ann Trop Med and Parasitol 75 (6) Dec 607-613 Wa

Leishmania, ultrastructural morphology of macrophage-parasite interaction as seen in Sudanese human mucosal leishmaniasis and hamster visceral leishmaniasis produced by amastigotes obtained from human mucosal lesions

Immunity

Verhave JP; Meuwissen JHET; Golenser J
1980 Internat J Nuclear Med and Biol 7 (2) 149-156 Wa

Plasmodium berghei, rats, evidence for possible dual role of macrophages (before activation as transporting agents of sporozoites to liver parenchymal cells, after activation as preventing parasite entry)

Immunity

Vieira RA
1979 Rev Iber Parasitol 39 (1-4) Jan-Dec 361-381 Wa

Ancylostoma caninum, Rattus norvegicus (exper.) simultaneously treated with prednisolone trimethylacetate and infected with parasite larvae, host natural resistance apparently not affected by hormone therapy as no adult parasites were found at necropsy

Immunity

Vinayak VK et al
1980 Trop and Geogr Med 32 (4) Dec 298-302 Wa

Entamoeba histolytica, patients with amoebic colitis or hepatic abscess, cell-mediated immune response (CMIR) and humoral antibody response studied using various serologic tests, no clear-cut correlations between CMIR and humoral antibody response were found but CMIR appears to be altered in amoebic patients during acute illness

Immunity

Vinayak VK; et al
1980 Tr Roy Soc Trop Med and Hyg 74 (4) 483-487 Wa

Entamoeba histolytica, guinea-pigs, protective effects of crude and chromatographic fractions of axenic amoebic antigen, antibody response (indirect haemagglutination, counter-current immunoelectrophoresis)

Immunity

Vinayak VK et al
1981 Tr Roy Soc Trop Med and Hyg 75 (1) 32-37 Wa

Entamoeba histolytica isolates from symptomatic and asymptomatic patients, virulence in rats compared with serological responses in rats and patients

Immunity

Vinayak VK et al
1981 Ann Trop Med and Parasitol 75 (2) Apr 265-267 Wa

Giardia lamblia, mice, adoptive transfer of immunity with immune spleen cells, immune serum failed to protect mice from infection

Immunity

Vinayak VK et al
1981 Ann Trop Med and Parasitol 75 (4) Aug 397-400 Wm

Entamoeba histolytica, rats fed low protein diet were more susceptible to infection and had severe caecal lesions compared with controls, hepatic lesions seen in one animal fed low protein diet for 14 days, malnourished rats had lower indirect haemagglutinating antibody titres than controls

Immunity

Vinayak VK; Bhatia A; Aggarwal A
1981 Indian J Med Research 73 Suppl Jan 67-72 Wa

Plasmodium berghei-infected mice immunodepressed with cortisone or whole body irradiation, immunodepression afforded protection against parasite

Immunity

Vincent AL; Sodeman WA jr; Winters A
1980 J Parasitol 66 (3) June 448 Wa

Brugia pahangi infections in normal vs. nude mice, results suggest resistance is directed against immature stages and depends upon presence of T-lymphocytes

Immunity

Viyanant V
1981 Southeast Asian J Trop Med and Pub Health 12 (2) June 194-199 Wa

Schistosoma mansoni, proteins from schistosomula stage divided into groups by molecular weight and used as antigens to immunize mice, animals immunized with 2 groups developed high degree of resistance

Immunity

Vyas S; Vardhani VV; Johri GN
1981 Indian J Exper Biol 19 (8) Aug 752-753 Wa

Ancylostoma caninum, mice, adoptive transfer of immunity with sensitized lymphoid cells

Immunity

Wakelin D
1980 Parasite Immunol 2 (2) Summer 85-98 Wa

Trichinella spiralis, course of infection in inbred and congenic mice showing rapid and slow responses to infection

Immunity

Wakelin D; Donachie AM
1980 Parasite Immunol 2 (4) Winter 249-260 Wa

Trichinella spiralis, adoptive transfer of immunity between inbred strains of mice characterized by rapid and slow immune expulsion used to analyze role of immune and inflammatory events in determining strain-characteristic time of worm expulsion

Immunity

Wakelin D; Donachie AM
1981 Immunology 43 (4) Aug 787-792 Wa

Trichinella spiralis, adoptive transfer experiments in mouse radiation chimaeras, results indicate that genetic control of worm expulsion is expressed at level of bone marrow-derived cell population and is independent of lymphocyte responsiveness

Immunity

Wakelin D; Wilson MM
1980 Internat J Parasitol 10 (1) Feb 37-41 Wa
Trichinella spiralis, immunity in irradiated mice

Immunity

Walkey M; Simmons DJC; Nasher AK
1980 J Parasitol 66 (3) June 420-423 Wa

Hymenolepis straminea, attempted infection of various rodent species, attempted infection of laboratory mice with reduced immunocompetence, results suggest role of thymus in protection

Immunity

Waller PJ; Thomas RJ
1981 Vet Parasitol 9 (1) Oct 47-55 Wa

Trichostrongylus axei, intestinal Trichostrongylus spp., grazing lambs, natural regulation of parasite populations in relation to host age, length of time of exposure to infection, and seasonal fluctuations in, and absolute levels of, larval availability on pasture

Immunity

Walzer PD; Rutledge ME
1981 J Lab and Clin Med 97 (6) June 820-833 Wa
Pneumocystis carinii, rats, antibody titers and immunoglobulin levels in serum and bronchial lavage fluid, effects of steroid administration, steroid withdrawal, and prolonged environmental exposure to P. carinii on development of these humoral immune responses

Immunity

Weil GJ; Ottesen EA; Powers KG
1981 Exper Parasitol 51 (1) Feb 80-86 Wa
Dirofilaria immitis, dogs (exper.), parasite-specific humoral (IgG (enzyme-linked immunosorbent assay) and IgE (passive cutaneous anaphylaxis) titers) and cellular (lymphocyte transformation) immune responses, results consistent with observations in other host-parasite systems which suggest that in chronic tissue helminth infections cellular responses to parasite antigens are depressed while antibody reactions to the same antigens are relatively preserved

Immunity

Weiland G et al
1981 Berl u Munchen Tierarztl Wchnschr 94 (8) Apr 15 150-153 Wa
Trypanosoma congolense, mice inoculated with parasites pretreated with anti-BoLA (Bovine Lymphocyte Antigens), altered infectivity and pathogenicity

Immunity

Weiss N
1978 Acta Trop 35 (2) June 137-150 Wa
Dipetalonema viteae, course of primary infection in 2 strains of hamster, microfilaraemia in relation to worm burden and humoral immune response, effect of neonatal thymectomy and splenectomy

Immunity

Weiss N; Tanner M
1981 Tr Roy Soc Trop Med and Hyg 75 (1) 179-181 Wa
Dipetalonema viteae, immunogenicity of surface of different larval stages, host differences, stage-specificity

Immunity

Wellde BT et al
1981 Exper Parasitol 52 (2) Oct 219-232 Wa
Trypanosoma congolense, cattle, investigations of natural and acquired resistance with reference to age resistance, self-cure, chemotherapeutic cure, blood- vs. tsetse fly-induced infections, and challenge with homologous vs. heterologous strains

Immunity

Wells RA et al
1980 Clin and Exper Immunol 39 (3) Mar 663-667 Wm
Plasmodium falciparum- or P. vivax-infected Thai adults, cold-reactive anti-lymphocytotoxic antibodies in sera, may play role in modulating immune response of patients toward malaria

Immunity

Wernsdorfer WH
1979 Bull World Health Organ 57 suppl 1 11-15 Wa
programme of Scientific Working Group on Immunology of Malaria, UNDP/World Bank/WHO Special Programme for Research and Training in Tropical Diseases

Immunity

Whitelaw DD et al
1980 Infect and Immun 27 (3) Mar 707-713 Wa
Trypanosoma congolense in susceptible mouse strain vs. trypanotolerant mouse strain, host survival, parasitemia and anemia, erythrocyte survival, plasma and erythrocyte volumes, blood biochemistry, immunoglobulin levels, immunosuppression, infectivity neutralization tests on sera, results indicate ability of resistant mice to survive is dependent on humoral antibody

Immunity

Wikel SK
1980 Ann Trop Med and Parasitol 74 (1) Feb 103-104 Wa
host resistance to tick-borne pathogens by virtue of resistance to tick infestation, experiments with Dermacentor andersoni-resistant and non-resistant rabbits using tick-borne bacterium Francisella tularensis

Immunity

Wikel SK
1981 Am J Trop Med and Hyg 30 (1 pt 1) Jan 284-288 Wa
Dermacentor andersoni, guinea pigs, induction of host resistance to infestation with salivary gland antigen, potential for immunologic approach to vector control

Immunity

Wilkin GP; Woodhams PL; Ribeiro dos Santos R
1981 Develop Neurosc 4 (4) 296-306 Wm
Trypanosoma cruzi, antibodies from sera of patients with Chagas' disease as immunological marker for brain vascular endothelial cells in tissue cultures of cerebellar tissue

Immunity

Willadsen P
1980 Advances Parasitol 18 293-313 Wa
immunity to ticks, review: expression of immunity; nature of immunological response (antibody and complement; delayed hypersensitivity; immediate hypersensitivity; cellular reactions); artificial immunization and nature of tick antigens

Immunity

Willms K; Merchant MT
1980 Parasite Immunol 2 (4) Winter 261-275 Wa
Taenia solium larvae (Cysticercus cellulosae) in pig muscle surrounded by inflammatory reaction with general characteristics of chronic granuloma, ultrastructural and light microscopic observations, indications that this is an immunological reaction

Immunity

Wilson RJM
1980 Nature London (5755) 284 Apr 3 451-452 Wa
Plasmodium falciparum, serotyping isolates using S-antigens as markers

Immunity

Winter AJ et al
1981 Advances Exper Med and Biol 137 745-752 Wa
nature of immunity in male bovine reproductive tract based upon responses to Campylobacter fetus and Trichomonas fetus, review

Immunity

- Woo PTK
1981 Parasitology 83 (2) Oct 343-346 Wa
Trypanosoma danilewskyi in Carassius auratus, effects of inoculum size on host mortality, all surviving fish were protected from re-infection, plasma from these fish can passively transfer immunity to naive fish and neutralize infectivity of trypanosomes incubated in vitro

Immunity

- Wyler DJ
1979 Bull World Health Organ 57 suppl 1 239-243 Wa
malaria, cellular aspects of immunoregulation, review

Immunity

- Wyler DJ; Blackman HJ; Lunde MN
1980 Am J Trop Med and Hyg 29 (6) Nov 1181-1186 Wa
Toxoplasma gondii, patients with toxoplasmal retinochoroiditis vs. seropositive and seronegative controls, antibody titers, in vitro lymphoproliferative responses to toxoplasmal and retinal antigens, observations raise possibility of autoimmune component in pathogenesis of relapses in toxoplasmal retinochoroiditis

Immunity

- Wyler DJ; Oster CN; Quinn TC
1979 Trop Dis Research Ser (1) 183-204 Wa
Plasmodium, role of spleen in malaria infections, review

Immunity

- Yodoi J; Ishizaka K
1980 J Immunol 124 (3) Mar 1322-1329 Wm
Nippostrongylus brasiliensis-infected rats, formation of IgE-binding factor by T lymphocytes

Immunity

- Yoshimura K et al
1980 Exper Parasitol 49 (3) June 339-352 Wa
Angiostrongylus cantonensis raised in permissive or nonpermissive hosts, pulmonary arterial transfers into permissive or nonpermissive hosts, subsequent survival, growth, and egg-laying capacity, histopathology, antibody production

Immunity

- Yoshimura K et al
1980 Japan J Vet Sc 42 (5) Oct 567-572 Wa
Angiostrongylus cantonensis, transfer of young adult worms from Praomys natalensis and mice to pulmonary arteries of rats immunized against donor hosts' antigens, findings suggest that no harmful 'host antigen' effect occurs in intra-cranial-stage worms of A. cantonensis

Immunity

- Yousif F; Blaehser S; Laemmler G
1980 Ztschr Parasitenk 62 (2) 179-190 Wa
Angiostrongylus cantonensis-infected Marisa cornuarietis (exper.), cellular responses involved focal and generalized proliferative reactions

Immunity

- Yusuf JN; Piekarski G; Pelster B
1980 Ztschr Parasitenk 62 (3) 231-240 Wa
Toxoplasma gondii, Trichinella spiralis, single and double infections in mice, antibody production, number of Toxoplasma brain cysts, Trichinella worm burden, host body weight

Immunity

- Zahner H et al
1980 Ztschr Parasitenk 64 (1) 17-28 Wa
Capillaria hepatica in Mastomys natalensis (exper.), immunization with embryonated infective eggs, X-irradiated infective eggs, non-embryonated eggs, and soluble egg extracts, effect on worm reproductivity and on host immunity

Immunity

- Zahner H et al
1981 Ztschr Parasitenk 65 (1) 107-116 Wa
Capillaria hepatica, irradiated vs. untreated eggs in Mastomys natalensis (exper.), macroscopic liver changes, nematode egg production in liver, serum-GLDH activity, antibody titres

Immunity

- Zaino EC; Amelkin S
1981 N York State J Med 81 (3) Mar 384 Wm
babesiosis, man, probably infected when bitten by tick while on camping trip, brief case report; importance of babesiosis infection in persons who have had splenectomy or who are immunosuppressed

Immunity

- Zardi O; Poccia A
1980 Biochem and Exper Biol 16 (3) 295-299 Wa
antitoxoplasmic antibody titer is lower in pregnant than in nonpregnant women

Immunity

- Zharikova TI; Silkina NI; Stepanova MA
1980 Dokl Akad Nauk SSSR 253 (2) 510-512 Wa
Dactylogyrus spp. in Carassius auratus, change in parasite abundance as a function of host immunophysiological state and water temperature

Immunity

- Zielasko B et al
1981 Berl u Munchen Tierarztl Wchnschr 94 (11-12) June 1 223-228 Wa
Sarcocystis suicanis, pigs (exper.), pathology, development of immunity

Immunity

- Zwart D; Brocklesby DW
1979 Advances Parasitol 17 49-113 Wa
babesiosis, non-specific resistance, immunology, pathogenesis, extensive review

Immunity, Adjuvants See Immunopotentialiation

Immunity, Adoptive See Immunity, Passive

Immunity, Agar gel diffusion See Immunity, Precipitation

Immunity, Agglutination

- Adams DB; Beh KJ
1981 Internat J Parasitol 11 (5) Oct 381-386 Wa
Haemonchus contortus, sheep undergoing sequence of primary, secondary, then tertiary infection, induction of acquired immunity, haemagglutinating antibody titres

- Immunity, Agglutination
Aikat BK et al
1979 Indian J Med Research 70 Oct 592-597 Wa
kala-azar, diagnosis in human subjects sampled from endemic area, counter immunoelectrophoresis, distinct relationship between test positivity, splenic size, and duration of illness, comparison with other serological tests:
Bihar
- Immunity, Agglutination
Alam SM et al
1981 J Ass Physicians India 29 (1) Jan 19-24 Wm
Entamoeba histolytica, human intestinal and extraintestinal invasive infection, diagnosis, indirect haemagglutination test vs. intradermal test
- Immunity, Agglutination
Alper EI; Littler C; Monroe LS
1976 Am J Gastroenterol 65 (1) Jan 63-67 Wm
E[ntamoeba] histolytica, humans, diagnosis, counterelectrophoresis using axenic antigen gives results in close agreement with agar gel diffusion precipitin and latex agglutination
- Immunity, Agglutination
Ambroise-Thomas P; Desgeorges PT
1980 Bull Soc Path Exot 73 (1) Jan-Feb 89-99 Wa
Echinococcus granulosus, human, diagnostic value and limitations of micro-ELISA, test results compared with those using indirect agglutination and immunofluorescence
- Immunity, Agglutination
Ambroise-Thomas P; Desgeorges PT; Bouttaz M
1980 Ann Soc Belge Med Trop 60 (1) Mar 47-60 Wa
fascioliasis, human and bovine, diagnosis by means of the enzyme-linked immunosorbent assay, detection of circulating antigens and antibodies, results compared favorably with those of the immunofluorescence and indirect haemagglutination tests
- Immunity, Agglutination
Amerault TE et al
1980 Am J Vet Research 41 (3) Mar 435-438 Wa
Anaplasma marginale, cattle, effect of phenol on card-agglutination and micro-complement-fixation tests
- Immunity, Agglutination
Amerault TE; Rose JE; Kuttler KL
1981 Am J Vet Research 42 (6) June 1055-1056 Wa
Anaplasma marginale, cows, comparative titration of antibodies by card agglutination and complement-fixation tests
- Immunity, Agglutination
Ansari MZ; Singh KS
1980 Indian J Animal Sc 50 (7) July 558-560 Wa
Gaigeria pachyscelis, lambs vaccinated with irradiated and non-irradiated larvae, indirect haemagglutination test for detection of serum antibodies
- Immunity, Agglutination
Apt W et al
1978 Rev Med Chile 106 (1) Jan 16-18 Wm
Trypanosoma cruzi, humans, serological survey, direct agglutination reaction (DAR) compared with indirect agglutination, DAR considered excellent screening test for epidemiological surveys: Chile
- Immunity, Agglutination
Apt W; Perez C; Sandoval J
1980 Rev Med Chile 108 (2) Feb 112-114 Wm
T[rypanosomal] cruzi, humans, prevalence of Chagasic infection of blood bank samples analyzed using the indirect hemagglutination test: Chile
- Immunity, Agglutination
Ardehali S et al
1980 Ann Trop Med and Parasitol 74 (4) Aug 439-445 Wa
cutaneous leishmaniasis, human, chronic (lupoid) form, clinical aspects, histology, skin tests with leishmanin and PPD, indirect fluorescent antibody and direct agglutination tests: Iran
- Immunity, Agglutination
Aspoeck H
1980 Med Lab 33 (9) Sept 240-248 Wm
Toxoplasma, humans, diagnosis, immunological test comparisons (immunofluorescence, Sabin-Feldman dye test, complement fixation, indirect hemagglutination test)
- Immunity, Agglutination
Balfour AH; Bridges JB; Harford JP
1980 J Clin Path 33 (7) July 644-647 Wa
Toxoplasma gondii, evaluation of ToxHA test for detection of antibodies in human serum, comparison with dye test
- Immunity, Agglutination
Balsari A et al
1980 J Clin Path 33 (7) July 640-643 Wa
Toxoplasma gondii, enzyme-linked immunosorbent assay for antibody detection, comparison with other serodiagnostic tests
- Immunity, Agglutination
Ben-Ismaïl R et al
1980 Am J Trop Med and Hyg 29 (2) Mar 239-245 Wa
Echinococcus granulosus, Fasciola hepatica, P1 antigen sharing may be responsible for hydatid indirect hemagglutination test cross-reactivity in P1-negative individuals
- Immunity, Agglutination
Ben-Ismaïl R et al
1980 Vox Sanguinis 38 (3) Mar 165-168 Wa
fascioliasis, hydatidosis, humans, anti-P₁ allohemagglutinins, automated assay, IgM nature
- Immunity, Agglutination
Bhatia VN; Singh DS
1979 J Ass Physicians India 27 (11) Nov 1035-1037 Wm
amoebiasis, human invasive form, rapid serodiagnosis using bentonite flocculation test
- Immunity, Agglutination
Boczon K et al
1981 Tropenmed u Parasitol 32 (2) June 109-114 Wa
Trichinella spiralis, human, diagnosis, evaluation of enzymatic and immunological tests (activity of LDH and its isozymic fractions; indirect immunofluorescence test; latex agglutination test; bentonite flocculation test)

Immunity, Agglutination

Broadbent EJ; Ross R; Hurley R
1981 J Clin Path 34 (6) June 659-664 Wa
Toxoplasma gondii, prevalence of antibody in pregnant women evaluated by age groups, dietary habits, and history of animal contact; indirect haemagglutination antibody test vs. indirect fluorescent antibody test

Immunity, Agglutination

Brooks BO; Reed ND
1981 Exper Parasitol 52 (1) Aug 49-52 Wa
Trypanosoma musculi, mice, development of passive hemagglutination technique to measure antibody, assay used to investigate specific antibody responses of nude vs. normal mice

Immunity, Agglutination

Cabrera MA; Suazo AT
1980 Bol Med Hosp Inf Mexico 37 (2) Mar-Apr 195-201 Wm
Toxocara canis, Aascaris, children, diagnosis of visceral larva migrans, immunological tests compared with other methods

Immunity, Agglutination

Calderon C; Knierim F
1973 Rev Med Chile 101 (6) June 468-469 Wm
Trichinella spiralis, humans, diagnosis, bentonite flocculation reaction with whole blood samples collected on filter paper

Immunity, Agglutination

Carlier Y et al
1980 Am J Trop Med and Hyg 29 (1) Jan 74-81 Wa
Schistosoma mansoni-infected African parturients, their uninfected newborn children, infected men, and infected non-pregnant women, evaluation of circulating soluble antigens (CSA) by sandwich radioimmunoassay, of circulating antibodies (CAB) by indirect hemagglutination, and of immune complexes (CIC) by Clq binding test, results indicate probable transplacental transfer of CSA from mother to fetus and possible modulation of CSA level by specific CAB and CIC formation

Immunity, Agglutination

Carlier Y et al
1980 Bull World Health Organ 58 (1) 99-105 Wa
Toxoplasma gondii, humans, diagnosis, evaluation of the enzyme-linked immunosorbent assay and other serological tests, techniques and sera evaluated in 3 different laboratories

Immunity, Agglutination

Carme B et al
1978 Bull Soc Path Exot 71 (6) Nov-Dec 465-471 Wa
Wuchereria bancrofti var. pacifica, humans with elephantiasis, biological aspects (microfilaremia, eosinophilia, immunoglobulins, specific antibodies in passive agglutination): French Polynesia

Immunity, Agglutination

Caruana LB
1980 Am J Med Tech 46 (6) June 386-391 Wa
Toxoplasma gondii, indirect hemagglutination test (IHA) compared qualitatively and quantitatively to indirect fluorescent antibody test (IFA) for detection of antibodies, IHA technique recommended over IFA for mass screening

Immunity, Agglutination

Cerisola JA; Alvarez M; Wynne de Martini GJ
1980 Medicina Buenos Aires 40 Suppl (1) 132-136 Wm
Chagas disease, humans, diagnosis, latex agglutination test

Immunity, Agglutination

Chandanani RE et al
1981 Indian J Med Research 73 Suppl Jan 41-44 Wa
Plasmodium knowlesi antigen evaluated for serodiagnosis of human malarias with indirect haemagglutination test, more sensitive tests will be needed with this antigen

Immunity, Agglutination

Chandanani RE; Mahanta J; Mahajan RC
1978 Indian J Med Research 68 Oct 595-598 Wa
hydatid disease, humans, diagnosis, evaluation of slide haemagglutination test vs. indirect haemagglutination tube test or Casoni's skin test

Immunity, Agglutination

Chhabra MB; Mahajan RC; Ganguly NK
1980 Indian Vet J 57 (8) Aug 627-631 Wa
Toxoplasma gondii, RH strain vs. local human isolates, mice (exper.), antibody response and serum protein alterations determined by indirect haemagglutination test and electrophoresis respectively, rise in gamma-globulins in later stages appeared to indicate developing immune response

Immunity, Agglutination

Chopra JS; Kaur U; Mahajan RC
1981 Tr Roy Soc Trop Med and Hyg 75 (4) 518-520 Wa
Cysticercus cellulosae (Taenia solium), human, cysticercus haemagglutination test used to estimate probable incidence of seropositivity, almost equal in male and female patients, less in children than adults, did not appear to be related to duration of epilepsy

Immunity, Agglutination

Conder GA; Andersen FL; Schantz PM
1980 J Parasitol 66 (4) Aug 577-584 Wa
Echinococcus granulosus, sheep (exper.), immunodiagnosis, evaluation of double diffusion, immunoelectrophoresis, indirect hemagglutination, and intradermal tests, some cross-reactions with serum from Taenia hydatigena-infected sheep

Immunity, Agglutination

Croft SL; Schnur LF
1979 Ann Trop Med and Parasitol 73 (6) Dec 535-546 Wa
Leishmania braziliensis braziliensis vs. L. hertigi hertigi, light and electron microscopic study of agglutinated bodies formed on growing promastigotes in their homologous antisera to determine role of leishmanial excreted factor in Noguchi-Adler phenomenon

Immunity, Agglutination

Culbertson CG; Harper K
1980 Am J Trop Med and Hyg 29 (5 pt 1) Sept 785-794 Wa
Naegleria fowleri, Acanthamoeba culbertsoni, Entamoeba histolytica, immune reactions between specific antisera, formalinized stained protein A staphylococci, and pathogenic live amebic trophozoites, comparison of this new technique (coagglutination tests) with immunofluorescence for amebic identification and measurement of serum antibody

- Immunity, Agglutination
Dada BJ0; Adegboye DS; Mohammed AN
1981 J Helminth 55 (3) Sept 197-202 Wa
hydatidosis, camels, diagnosis, relative sensitivity and specificity of indirect haemagglutination, Ouchterlony's double diffusion, and countercurrent immunoelectrophoresis tests
- Immunity, Agglutination
Das SR; Kidwai SA; Gupta AK
1979 J Biosc 1 (3) Sept 255-262 Wa
axenic *Entamoeba histolytica*, preparation of standard amoeba-antigen by ultrasonication of trophozoites, use in serodiagnosis and seroepidemiology of amoebiasis in patients
- Immunity, Agglutination
Davis DS et al
1980 J Wildlife Dis 16 (3) July 403-406 Wa
Trypanosoma cruzi in *Mephitis mephitis* (myocardial fibers) (exper.), minimal clinical signs, blood culture, serology (direct and latex agglutination tests), histopathology, results suggest *M. mephitis* should be regarded as potential reservoir host for Chagas' disease in the Southwest
- Immunity, Agglutination
Deelder AM; Kornelis D
1981 Trop and Geogr Med 33 (1) Mar 36-41 Wa
Schistosoma mansoni, humans, immunodiagnosis of recently acquired infection, comparison of various immunological techniques
- Immunity, Agglutination
Desmonts G; Remington JS
1980 J Clin Microbiol 11 (6) June 562-568 Wa
Toxoplasma gondii, human, diagnosis, direct agglutination test, method for increasing sensitivity and specificity, comparison with Sabin-Feldman dye test
- Immunity, Agglutination
Dishon T et al
1981 Israel J Med Sc 17 (4) Apr 245-248 Wm
leishmaniasis, humans, coagglutination and indirect hemagglutination offer the possibility of rapid, easy, sensitive, and specific diagnostic tools in determining both antigen and antibody in suspected infections
- Immunity, Agglutination
Dottorini S; Tassi C; Baldelli F
1981 Boll Ist Sieroterap Milanese 60 (2) May 31 137-143 Wa
hydatid disease, human, diagnosis, enzyme-linked immunosorbent assay compared to indirect hemoagglutination reaction
- Immunity, Agglutination
Duffus WPH; Wagner GG
1980 Vet Parasitol 6 (4) Mar 313-324 Wa
Theileria parva, cattle (nat. and exper.), immunodiagnosis, comparison of 5 serological tests using piroplasm antigen (indirect fluorescent antibody, indirect haemagglutination, complement fixation, capillary agglutination, and immunodiffusion)
- Immunity, Agglutination
Dutta JK; Chadha SK
1978 Indian J Med Research 68 July 52-54 Wa
toxoplasmosis, incidence of infection in patients who develop rashes assessed using indirect hemagglutination test: India
- Immunity, Agglutination
Fasan PO et al
1976 African J Med and Med Sc 5 (2) June 149-153 Wm
Plasmodium falciparum, sera from Nigerian students residing in the United States, persistence of high titers in indirect fluorescent and haemagglutination antibody tests: Washington D.C.
- Immunity, Agglutination
Ferrucci M
1980 Quad Sclavo Diag Clin e Lab 16 (2) June 176-192 Wm
toxoplasmosis, humans, comparative review of currently used diagnostic tests
- Immunity, Agglutination
Filice G et al
1981 Boll Ist Sieroterap Milanese 59 (6) 604-611 Wa
Toxoplasma gondii, mice experimentally infected with cystogenic strain, kinetics of IgM and IgG antibodies, dye test, indirect immunofluorescence test, indirect haemagglutination test, comparison with results of mouse inoculation tests
- Immunity, Agglutination
Filice G et al
1981 Boll Ist Sieroterap Milanese 60 (2) May 31 129-136 Wa
toxoplasmosis, human, serological diagnosis, new complement fixation test compared with indirect immunofluorescence and indirect haemagglutination tests
- Immunity, Agglutination
Fleming WJ; Nusbaum SR
1979 N York Fish and Game J 26 (2) July 198 Wa
toxoplasmosis and other diseases, *Odocoileus virginianus*, serological survey, results suggest that deer are not primary reservoir of diseases of domestic animals: Seneca Army Depot, Seneca County, New York
- Immunity, Agglutination
Francis DH; Buening GM; Amerault TE
1980 Am J Vet Research 41 (3) Mar 362-367 Wa
Anaplasma marginale, cattle, evaluation of potential of dodecanoic acid conjugation of vaccines in limiting isoimmune response; characterization of humoral immune responses to *Anaplasma* and erythrocyte components of *Anaplasma* vaccine
- Immunity, Agglutination
Fuchs AP et al
1980 Rev Inst Med Trop S Paulo 22 (5) Sept-Oct 242-245 Wm
[*Trypanosoma*] *cruzi*, Chagas disease patients, serological diagnostic test results compared (indirect immunofluorescence, indirect hemagglutination, complement fixation, ELISA) with clinical findings
- Immunity, Agglutination
Fuller GK; Fuller DC
1981 Am J Trop Med and Hyg 30 (3) May 645-652 Wa
Echinococcus granulosus, human, survey, clinical findings, indirect hemagglutination test results, hydatid skin test results (marked sex differences in positivity): Ethiopia

- Immunity, Agglutination
Galant SP et al
1980 South Med J 73 (4) Apr 435-437 Wm
Toxocara canis, diagnostic considerations, especially in children with eosinophilia, pica, and pet dogs, suggested immunoserological tests
- Immunity, Agglutination
Gallie GJ; Sewell MMH
1981 Trop Animal Health and Prod 13 (3) Aug 147-154 Wa
Taenia saginata, calves, immunity to oral challenge following intramuscular inoculation with oncospheres, migration of parasites from inoculation sites; parenteral inoculation of calves by different routes and intramuscular inoculation of (previously orally infected or uninfected) adult cattle also studied; enzyme-linked immunosorbent assay more sensitive in detecting antibodies in infected calves than indirect haemagglutination test
- Immunity, Agglutination
Gandahasada S; Endardjo S
1980 Southeast Asian J Trop Med and Pub Health 11 (2) June 276-279 Wa
Toxoplasma gondii, inhabitants of rural area, prevalence of indirect hemagglutination antibody titers: Obano, Irian Jaya, Indonesia
- Immunity, Agglutination
Ganguly NK et al
1981 Indian J Med Research 73 Suppl Jan 111-113 Wa
Giardia lamblia, humans, serodiagnosis, comparative evaluation of indirect haemagglutination and immunofluorescence tests
- Immunity, Agglutination
Ghose AC et al
1980 Clin and Exper Immunol 40 (2) May 318-326 Wa
Leishmania donovani, 49 active kala-azar patients, IgA, IgG, IgM, and C3 levels, anti-leishmanial titres in indirect haemagglutination method, IgG and IgM class-specific antibody titres in enzyme-linked immunosorbent assay method, serodiagnostic potential of ELISA
- Immunity, Agglutination
Gonzalez Cappa SM et al
[1981] J Protozool 27 (4) Nov 1980 467-471 Issued Mar 11 Wa
Trypanosoma cruzi, mice immunized with whole homogenate or flagellar fraction, relation of humoral antibody response to protection evaluated by direct agglutination and indirect fluorescent antibody test as well as by lytic and neutralizing activity against blood trypomastigotes, histopathology
- Immunity, Agglutination
Gorenflot A et al
1980 Ann Pharm Franc 38 (1) 3-6 Wa
Plasmodium berghei, mice, morphologically-altered erythrocytes do not react differently from healthy ones in agglutination reactions with antisera against erythrocytes of healthy or infected mice, morphological alterations do not appear to be accompanied by modifications of erythrocyte antigenic properties
- Immunity, Agglutination
Goven BA; Dawe DL; Gratzek JB
1981 Develop and Comp Immunol 5 (2) Spring 283-289 Wa
Ichthyophthirius multifiliis, Tetrahymena pyriformis, in vitro demonstration of serological cross-reactivity (immobilization test, indirect fluorescent antibody staining, passive hemagglutination), results indicate antigenic relationship
- Immunity, Agglutination
Guisantes JA; Picardo NGA
1979 Rev Med Univ Navarra 23 (3) Sept 57-60 Wm
Echinococcus granulosus, human hydatid disease, diagnosis, new technical variation of the latex agglutination test
- Immunity, Agglutination
Gupta MM et al
1979 Indian J Med Research 70 Suppl Dec 62-66 Wa
Plasmodium falciparum, P. vivax, humans, serological survey in 2 rural populations using the indirect haemagglutination test and P. falciparum antigen: Karnataka State, India
- Immunity, Agglutination
Gupta MM et al
1981 J Trop Med and Hyg 84 (4) Aug 165-170 Wa
Plasmodium falciparum prepared from in vitro continuous culture can be used as a source of antigen for use in the indirect haemagglutination and immunofluorescence antibody tests, applications for epidemiological evaluations and assessments
- Immunity, Agglutination
Gupta SL et al
1980 Trop Animal Health and Prod 12 (2) May 95-96 Wa
Toxoplasma, rapid card agglutination test for sero-diagnosis under field conditions, comparison with indirect haemagglutination test
- Immunity, Agglutination
Hackett F et al
1981 Vet Parasitol 8 (2) May 137-142 Wa
Taenia hydatigena, diagnosis of metacestode infections in lambs, micro ELISA (T. hydatigena cyst fluid antigen) and indirect haemagglutination (T. hydatigena and T. multiceps cyst fluid antigens) tests
- Immunity, Agglutination
Haig DM; Lima GC; Mota I
1980 Parasite Immunol 2 (3) Autumn 175-187 Wa
Nippostrongylus brasiliensis, mice, suppression of anti-DNP IgE, IgG1, and agglutinating antibodies provided that immunization with DNP-Asc takes place within few days after infection
- Immunity, Agglutination
Halder JP; Saha KC; Ghose AC
1981 Tr Roy Soc Trop Med and Hyg 75 (4) 514-517 Wa
Leishmania donovani, human, post kala-azar dermal leishmaniasis, serum immunoglobulin and C3 levels, specific antibody titres in indirect haemagglutination and enzyme-linked immunosorbent assay methods, overall difference compared to serological profile of kala-azar patients: India

- Immunity, Agglutination
Harrison LJS; Sewell MMH
1980 Vet Immunol and Immunopath 1 (4) Dec 361-369 Wa
Taenia saginata, antigenic activity of chromatographic fractions of saline extract of proglottides, haemagglutination inhibition and precipitation tests
- Immunity, Agglutination
Harrison LJS; Sewell MMH
1981 Vet Immunol and Immunopath 2 (1) Feb 67-73 Wa
Taenia saginata, 3-12 month old calves and neonatal calves (exper.), serological response, comparison of enzyme linked immunosorbent assay and indirect haemagglutination technique
- Immunity, Agglutination
Hartmann DP; Ghadirian E; Meerovitch E
1980 J Parasitol 66 (2) Apr 344-345 Wa
Entamoeba histolytica, hamsters, experimental hepatic amebiasis, serodiagnosis, comparison of enzyme-linked immunosorbent assay and indirect hemagglutination
- Immunity, Agglutination
Hayasaki M
1981 Japan J Vet Sc 43 (1) Feb 21-26 Wa
Dirofilaria immitis, dogs, immunodiagnosis, indirect hemagglutination test using 4 antigen preparations
- Immunity, Agglutination
Higuchi S; Kawamura S; Yasuda Y
1979 Kitasato Arch Exper Med 52 (1-4) Dec 1-14 Wm
Theileria antigens, isolation, characterization, and fractionation, use with the passive hemagglutination test to diagnose infections in cattle
- Immunity, Agglutination
Hillyer GV; Allain D
[1980] J Parasitol 65 (6) Dec 1979 960-963 Issued Apr 2 Wa
Fasciola hepatica, rabbits, comparison of counter-electrophoresis, Ouchterlony immunodiffusion, and indirect hemagglutination for detecting infection and determining chemotherapeutic success
- Immunity, Agglutination
Hillyer GV; Sagramoso de Ateca L
1980 Am J Trop Med and Hyg 29 (4) July 598-601 Wa
Schistosoma mansoni or Fasciola hepatica in mice, antibody responses to antigen preparations from both species, Ouchterlony immunodiffusion, circumoval precipitin test, enzyme-linked immunosorbent assay, indirect hemagglutination
- Immunity, Agglutination
Hommel M; David PH
1981 Infect and Immun 33 (1) July 275-284 Wa
Plasmodium knowlesi, variant antigens demonstrated on schizont-infected erythrocytes but not on merozoites; techniques used include purification of merozoites, use of hyperimmune rabbit sera instead of monkey sera, schizont-infected cell agglutination test, indirect immunofluorescence antibody test, and electron microscopy with ferritin-labeled antibodies
- Immunity, Agglutination
Huffman EM et al
1981 J Am Vet Med Ass 178 (7) Apr 1 679-682 Wa
Toxoplasma gondii, relationship of neonatal mortality in lambs to serologic status of ewe (indirect hemagglutination test)
- Immunity, Agglutination
Hunter D et al
1980 Brit Vet J 136 (4) July-Aug 339-342 Wa
Toxoplasma gondii, sheep, assessment of commercially available haemagglutination test kit (Tox HA test) for detecting T. gondii antibodies in sera, comparison with dye test and indirect haemagglutination test
- Immunity, Agglutination
Iacona A; Pini C; Vicari G
1980 Am J Trop Med and Hyg 29 (1) Jan 95-102 Wa
human hydatid disease, serodiagnosis, evaluation of enzyme-linked immunosorbent assay, comparison with indirect hemagglutination, double diffusion, and immunoelectrophoresis
- Immunity, Agglutination
Ikeda T et al
[1980] J Parasitol 65 (6) Dec 1979 855-861 Issued Apr 2 Wa
Onchocerca volvulus, human, evaluation of indirect hemagglutination test for serodiagnostic purposes and sero-epidemiological analysis, age and sex distribution of IHA positives in areas of high, medium, and low endemicity: Guatemala
- Immunity, Agglutination
Ikeda T; Fujita K
1980 J Parasitol 66 (2) Apr 197-204 Wa
Paragonimus ohirai, rats, relationship between IgE titer, migration route, and parasite age, indirect hemagglutinating antibody response not influenced by same variables
- Immunity, Agglutination
Jacquemin JL; Colasson F; Larroque V
1980 Arch Med Ouest 12 (6) June-July 307-311 Wm
toxoplasmosis, pregnant women, diagnostic serology, prophylactic measures suggested
- Immunity, Agglutination
Jain P; Sawhney S; Vinayak VK
1980 Tr Roy Soc Trop Med and Hyg 74 (3) 347-350 Wa
Entamoeba histolytica, guinea pigs immunized with low grade infection, protection against subsequent challenge, humoral (indirect haemagglutination and counter-current immunoelectrophoresis tests) and cell-mediated (macrophage migration inhibition test) immune responses in immunized and unimmunized animals
- Immunity, Agglutination
Janitschke K et al
1981 J Trop Med and Hyg 84 (4) Aug 147-154 Wa
schistosomiasis, humans, diagnosis, evaluation of the ELISA test as an epidemiological tool, comparisons with parasitological findings and other immunodiagnostic tests, test correlations using a Multiscan photometer, recommended for epidemiological surveys

- Immunity, Agglutination**
Johnson AM et al
1981 Austral J Exper Biol and Med Sc 59 (3) June 303-306 Wa
Toxoplasma gondii, hybridomas secreting monoclonal antibody, immunoglobulin subclasses (IgG1, IgG2a, IgG3) and reactivity in indirect haemagglutination antibody test and indirect immunofluorescence antibody test
- Immunity, Agglutination**
Kagan IG; Norman L
1979 Rev Iber Parasitol 39 (1-4) Jan-Dec 153-164 Wa
Echinococcus granulosus, E. multilocularis, human, diagnosis, evaluation of antigens using the indirect hemagglutination, double diffusion, and immunoelectrophoresis tests
- Immunity, Agglutination**
Kaliraj P et al
1981 J Helminth 55 (2) June 133-139 Wa
Wuchereria bancrofti, utility of human filarial serum immunoglobulin in detecting circulating antigen in filarial sera studied by counter immunoelectrophoresis and indirect haemagglutination test
- Immunity, Agglutination**
Kaliraj P; Ghirnikar SN; Harinath BC
1981 Am J Trop Med and Hyg 30 (5) Sept 982-987 Wa
Wuchereria bancrofti, human, immunodiagnosis, comparative efficiency of indirect hemagglutination test, indirect fluorescent antibody test, and enzyme-linked immunosorbent assay done with W. bancrofti microfilarial antigens
- Immunity, Agglutination**
Kasliwal RM
1975 Am J Proctol 26 (1) Feb 43-48 Wm
amoebiasis, humans, possible relationships to hepatitis and cirrhosis especially in endemic areas, evaluation by indirect agglutination test recommended
- Immunity, Agglutination**
Kharat I et al
1981 Indian J Exper Biol 19 (6) June 564-565 Wa
Wuchereria bancrofti, microfilarial exoantigen, detection, diagnostic utility in indirect haemagglutination test on human sera
- Immunity, Agglutination**
Kloosterman A; Benedictus J; Aghina H
1980 Vet Parasitol 7 (2) Sept 133-142 Wa
Cooperia oncophora, cattle, colostral transfer of anti-nematode antibodies demonstrated using indirect fluorescent antibody technique and indirect haemagglutination test but calves not protected against challenge at 2.5 to 4 months
- Immunity, Agglutination**
Knierim F et al
1980 Bol Chileno Parasitol 35 (3-4) July-Dec 62-66 Wm
Toxoplasma gondii, humans, diagnosis, comparative evaluation of indirect hemagglutination test, dye test, and complement fixation test
- Immunity, Agglutination**
Kozojed V et al
1980 Casop Lek Cesk 119 (48) Nov 28 1310-1315 Wm
Toxoplasma antigen used to compare indirect hemagglutination test with complement fixation and indirect fluorescent antibody tests, diagnosis of human toxoplasmosis
- Immunity, Agglutination**
Kumar PS; Kumar R; Mohapatra LN
1978 Indian J Med Research 68 July 44-51 Wa
toxoplasmosis, serodiagnosis, purification of haemagglutination antigen
- Immunity, Agglutination**
Labro-Bryskier MT et al
1981 Ann Biol Clin 39 (4) 175-180 Wa
toxoplasmosis, human, diagnosis, effect of presence of rheumatoid factors on results for determination of antitoxoplasm IgM antibodies by immunofluorescence and agglutination techniques
- Immunity, Agglutination**
Lansetti JC et al
1980 Medicina Buenos Aires 40 Suppl (1) 258-259 Wm
Trypanosoma cruzi, humans, diagnosis, serologic screening tests compared (rapid agglutination, rapid hemagglutination, immunofluorescence)
- Immunity, Agglutination**
Leaute JB; Hanna SM
1980 Ann Biol Clin 38 (3) 175-178 Wm
toxoplasmosis, human sera, diagnosis, enzyme-linked immunosorbent assay compared with other immunologic diagnostic tests
- Immunity, Agglutination**
Le Bras J et al
1980 Ann Soc Belge Med Trop 60 (2) June 163-171 Wa
Dracunculus medinensis, infected human serum, specific antibody pattern without cross reaction with other parasitic infections, study used several immunodiagnostic tests
- Immunity, Agglutination**
Lin CY; Chen SN
1980 Med J Osaka Univ 31 (1-2) Sept 1-6 Wm
Angiostrongylus cantonensis, humans who had had contacts with Achatina fulica vectors, clinical pathology, mainly presentation as eosinophilic meningitis, immunodiagnosis, first reports in Northern Taiwan
- Immunity, Agglutination**
Lin TM et al
1981 J Clin Microbiol 13 (4) Apr 646-651 Wa
Entamoeba histolytica, human, simple standardized enzyme-linked immunosorbent assay, high degree of correlation with agar gel diffusion, counterelectrophoresis, and indirect hemagglutination methods as well as with clinical data
- Immunity, Agglutination**
Lin TM; Halbert SP; O'Connor GR
1980 J Clin Microbiol 11 (6) June 675-681 Wa
Toxoplasma gondii, human, standardized quantitative enzyme-linked immunosorbent assay for detection of antibodies, comparison with dye test, indirect immunofluorescence test, and passive hemagglutination test
- Immunity, Agglutination**
Luther DG; Cox HU; Nelson WO
1980 Am J Vet Research 41 (12) Dec 2085-2086 Wa
anaplasmosis, comparisons of complement-fixation and card-agglutination tests with calf inoculations for detection of carriers in herd of cattle 15 months after discontinuing vaccination for anaplasmosis

- Immunity, Agglutination
Maas J; Buening GM; Porath W
1981 J Wildlife Dis 17 (1) Jan 45-47 Wa
Anaplasma marginale in Odocoileus virginianus, serologic evidence using modified rapid card agglutination test, results indicate that free-ranging deer population cannot be considered a significant reservoir of anaplasmosis: Missouri
- Immunity, Agglutination
McHardy N
1980 Vet Parasitol 7 (4) Dec 287-296 Wa
Anaplasma marginale, cattle, serological responses (complement fixation and capillary tube agglutination tests) following treatment with gloxazone
- Immunity, Agglutination
Magnus E; Vervoort T; Van Meirvenne N
1978 Ann Soc Belge Med Trop 58 (3) Sept 169-176 Wa
Trypanosoma brucei gambiense, humans, diagnosis, card agglutination test using a suspension of fixed and stained T. b. brucei of defined variable antigen type, method also evaluated against sera of patients free of sleeping sickness and those with various parasitoses
- Immunity, Agglutination
Mahajan RC; Ganguly NK
1980 Tr Roy Soc Trop Med and Hyg 74 (3) 300-302 Wa
Entamoeba histolytica, human, liver abscess, immunodiagnosis and prognosis, detection of amebic antigen in liver pus/biopsy specimens and serum by counter-immunoelectrophoresis, correlation between amebic antigen positivity and indirect haemagglutination seropositivity, possible role of amebic antigen in immune complex formation and pathogenesis
- Immunity, Agglutination
Makinde AA; Ezech AO
1981 Brit Vet J 137 (5) Sept-Oct 485-488 Wa
Toxoplasma gondii, cattle, serological survey, indirect haemagglutination test: Nigeria
- Immunity, Agglutination
Marini C et al
1979 Gior Batteriol Virol ed Immunol 72 (1-6) Jan-June 160-168 Wm
Toxoplasma gondii, sera from parturient patients, diagnosis, simultaneous screening of sera by direct agglutination and by immunochemical turbidimetric determination for antibodies and immunoglobulins respectively, useful in assesment of active infections
- Immunity, Agglutination
Martinez-Cairo S et al
1980 Arch Invest Med 11 (3) 347-359 Wm
Cysticercus cellulosae, patients with surgically confirmed central nervous system infections, diagnostic study, indirect hemagglutination test using antibody vs. cysticercus antigen, 68% sensitivity reported
- Immunity, Agglutination
Martinez Gomez F et al
1980 Vet Parasitol 7 (1) June 33-38 Wa
Echinococcus granulosus, cattle, sheep, goats, swine, indirect haemagglutination and latex flocculation tests in relation to viability, fertility, and localization of hydatid cysts
- Immunity, Agglutination
Mathews HM; Spencer HC; Healy GR
1980 Tr Roy Soc Trop Med and Hyg 74 (3) 404-405 Wa
Entamoeba histolytica, human, comparison of indirect haemagglutination test on serum and filter paper specimens: El Salvador
- Immunity, Agglutination
Matossian RM
1981 J Helminth 55 (1) Mar 49-57 Wa
hydatid disease, human, simplified radioimmunoassay (RIA) compared with indirect haemagglutination test; trichinosis, human, RIA compared with fluorescent antibody test
- Immunity, Agglutination
Mauras G; Laget P; Senet JM
1979 Arch Med Ouest 11 (1) Jan 43-46 Wm
Toxoplasma gondii, diagnosis, latex agglutination
- Immunity, Agglutination
Megafu U; Ugwuegbulam I
1981 Internat J Fertility 26 (2) 132-134 Wa
Toxoplasma gondii, incidence of positive indirect hemagglutination test in Ibo women with recurrent abortions, comparison of high and low socioeconomic groups: Nigeria
- Immunity, Agglutination
Michael SA; El Refaii AH; Morsy TA
1979 J Egypt Soc Parasitol 9 (2) Dec 299-304 Wa
Sarcocystis zoites antigen, preparation for slide agglutination test, no cross reaction with Toxoplasma
- Immunity, Agglutination
Milatovic D; Braveny I
1980 J Clin Path 33 (9) Sept 841-844 Wa
Toxoplasma gondii, diagnosis, enzyme-linked immunosorbent assay (ELISA) vs. dye test and indirect haemagglutination test, ELISA offers no clear advantage in routine serological diagnosis but would be useful in population screening if method were standardised
- Immunity, Agglutination
Milonov OB et al
1979 Khirurgiia (12) Dec 18-24 Wm
echinococcosis, humans, subdiaphragmatic localizations, diagnostic pathologic features, diagnosis by latex and hemagglutination tests and by radiography, surgical procedures
- Immunity, Agglutination
Minter-Goedbloed E; Franca S; Draper CC
1980 J Trop Med and Hyg 83 (4) Aug 157-160 Wa
Trypanosoma cruzi, latex agglutination test considered unsuitable for screening rats and opossums as possible reservoir hosts, results of assessments of field survey in Eastern Brazil
- Immunity, Agglutination
Mithal S et al
1978 Indian J Med Research 67 Mar 367-373 Wa
amoebiasis, human, serodiagnosis, indirect fluorescent antibody test using axenic Entamoeba histolytica, comparison with indirect hemagglutination test

- Immunity, Agglutination
 Modzelewska I; Modzelewska-Kolasa A
 1980 Wiadom Lekar 33 (2) Jan 15 97-99 Wm
 umbilical cord serum of 154 randomly selected
 newborn infants examined using the Rapi-
 IgM test in order to detect possible intra-
 uterine infections such as Toxoplasma
- Immunity, Agglutination
 Montenegro S et al
 1981 Vet Parasitol 8 (4) Sept 291-297 Wa
 Babesia bovis, Anaplasma marginale, cattle,
 diagnosis, utilization of culture-derived sol-
 uble antigen in latex agglutination test
- Immunity, Agglutination
 Nilsson LA et al
 1980 Tr Roy Soc Trop Med and Hyg 74 (2) 201-204
 Wa
 Schistosoma mansoni, human, serodiagnosis by
 thin layer immunoassay (TIA), comparison with
 passive haemagglutination and
 immunoprecipitation, cross-testing of sera of
 patients with different parasitic diseases
 using TIA plates coated with extracts from the
 relevant parasites
- Immunity, Agglutination
 Nilsson LA; Petchclai B; Elwing H
 1980 Am J Trop Med and Hyg 29 (4) July 524-529
 Wa
 Entamoeba histolytica, human, thin layer immu-
 noassay used to demonstrate antibodies, com-
 parison with indirect hemagglutination and im-
 munodiffusion techniques
- Immunity, Agglutination
 Nuttall PA
 1980 Lancet London (8175) 1 May 3 873-874 Wa
 Toxoplasma, pregnant women, modified haemag-
 glution test used for routine diagnostic
 screening, reliable results at low cost
- Immunity, Agglutination
 Oniki S; Kurakazu K
 1980 Nippon Ganka Gakkai Zasshi (Acta Soc Ophth
 Japon) 84 (9) Sept 10 1408-1416 Wm
 toxoplasmosis, serum from humans with eye in-
 fections, diagnostic evaluation of indirect
 fluorescent antibody test, indirect hemagglu-
 tination test, and latex agglutination test,
 Sabin-Feldman dye test used as reference
- Immunity, Agglutination
 Pannuti CS et al
 1980 Internat J Epidemiol 9 (4) Dec 349-353 Wm
 T[oxoplasma] gondii as an etiologic agent of
 the mononucleosis syndrome, differential diag-
 nosis of clinical and haematologic features
 using the immune-adherence haemagglutination
 test and other serological tests: Sao Paulo,
 Brazil
- Immunity, Agglutination
 Parratt D; Cobb SJ
 1978 African J Med and Med Sc 7 (2) June 57-64
 Wm
 Trypanosoma rhodesiense, T. gambiense, humans,
 diagnosis, heterophile antibody induced
 agglutinin reactions to sheep and rabbit red
 cells
- Immunity, Agglutination
 Patterson M; Healy GR; Shabot JM
 1980 Gastroenterology 78 (1) Jan 136-141 Wa
 Entamoeba histolytica, human, serologic diagno-
 sis (indirect hemagglutination and gel diffu-
 sion precipitation) superior to fecal examina-
 tion
- Immunity, Agglutination
 Peralta JM et al
 1980 J Parasitol 66 (2) Apr 342-344 Wa
 Trypanosoma cruzi, mice infected with different
 strains, antibodies detected by different
 immunodiagnostic tests
- Immunity, Agglutination
 Peralta JM et al
 1981 Tr Roy Soc Trop Med and Hyg 75 (5) 695-698
 Wa
 Trypanosoma cruzi, human, diagnosis, direct
 agglutination test, effect of pre-treatment of
 test samples with 2-mercaptoethanol, comparison
 with results in indirect haemagglutination and
 indirect immunofluorescence tests: Brazil
- Immunity, Agglutination
 Peters M et al
 1979 Tropenmed u Parasitol 30 (4) Dec 409-416
 Wa
 Entamoeba histolytica, human hepatic ab-
 scesses, retrospective clinical evaluation of
 27 cases: diagnostic methods, clinical find-
 ings, medical vs. surgical therapy
- Immunity, Agglutination
 Picardo NGA; Guisantes JA
 1981 Parasite Immunol 3 (3) Autumn 191-199 Wm
 Echinococcus granulosus, human, comparative
 sensitivity and specificity of 3 immunodiag-
 nostic tests (latex agglutination, indirect
 haemagglutination, counterimmunoelectrophore-
 sis), all 3 considered suitable for epidemio-
 logical screening, all 3 correlated well with
 immunoelectrophoresis test based on presence of
 arc 5
- Immunity, Agglutination
 Przyjalkowski Z; Cabaj W; Kontny E
 1979 Zentralbl Bakteriol 1 Abt Suppl (7) 181-
 187 Wa
 Trichinella pseudospiralis, germfree and con-
 ventional mice, course of infection, hemato-
 logical and serological changes, humoral re-
 sponse determined by immunodiffusion and
 hemagglutination tests; ". . . it seems unjus-
 tified to distinguish the two types of Trichi-
 nella [spiralis and pseudospiralis] as sep-
 arate species only on the basis of the
 presence of the envelope sheathing T.
 spiralis larvae"
- Immunity, Agglutination
 Radulescu S; Meyer EA
 1981 Infect and Immun 32 (2) May 852-856 Wa
 Giardia lamblia, ability of peritoneal rabbit
 macrophages from immunized and nonimmunized
 animals to phagocytose trophozoites in pres-
 ence of hyperimmune serum, IgG purified from
 hyperimmune serum, normal serum, or no serum,
 correlation between ability of antibody to
 enhance in vitro phagocytosis and to aggluti-
 nate antigen

- Immunity, Agglutination
Rao YVBC et al
1980 Indian J Med Research 72 July 47-52 Wa
Wuchereria bancrofti, Litomosoides carinii, demonstration of shared antigens, counter-current immunoelectrophoresis and indirect haemagglutination tests, agglutinating of *L. carinii* microfilariae by sera from filarial patients due to IgM antibodies
- Immunity, Agglutination
Ray K et al
1981 Indian J Med Research 73 Suppl Jan 78-81 Wa
Indirect haemagglutinating malaria antibodies in fever cases from a rural community in Alwar district, Rajasthan
- Immunity, Agglutination
Renshaw HW; Magonigle RA; Vaughn HW
1979 J Wildlife Dis 15 (3) July 379-386 Wa
Anaplasma marginale in *Cervus canadensis* canadensis following inoculation with infected fresh bovine blood, hematologic, serologic, and clinical studies, evaluation of rapid card agglutination test, subsequent transmission to splenectomized bovine calves; failure to infect elk using frozen blood from known bovine carriers
- Immunity, Agglutination
Rickman WJ; Cox HW; Thoongsuwan S
1981 J Parasitol 67 (2) Apr 159-163 Wa
Trypanosoma brucei rhodesiense, rats, interactions of immunoconglutinin and immune complexes in cold autohemagglutination
- Immunity, Agglutination
Robert R et al
1980 Rec Med Vet 156 (7-8) July-Aug 533-538 Wa
Fasciola hepatica, cattle, diagnosis by indirect hemagglutination, inhibition of indirect hemagglutination, and immunoenzymatic tests, specificity and sensitivity
- Immunity, Agglutination
Robert R; Chabasse D; Hocquet P
1981 Biomedicine Express 35 (2) May 61-65 Wa
antitoxoplasma IgM detection by indirect immunofluorescence antibody test and passive hemagglutination tests, diagnostic errors can be avoided by using protein A of *Staphylococcus aureus* to eliminate IgG from serum being tested
- Immunity, Agglutination
Robertson RH
1980 Canad J Zool 58 (2) Feb 245-251 Wa
cattle infected with both *Hypoderma lineatum* and *H. bovis* or only *H. lineatum*, antibody production followed using the tanned-cell hemagglutination technique, variation in production according to host age
- Immunity, Agglutination
Salfelder A; Manweiler E
1981 Tropenmed u Parasitol 32 (3) Sept 194-196 Wa
mucocutaneous leishmaniasis, malaria, Chagas' disease, amebiasis, patient sera examined with 5 antigens (*Leishmania donovani*, *Trypanosoma cruzi*, *Plasmodium falciparum*, *Entamoeba histolytica*) in indirect fluorescent antibody test, complement fixation test, indirect hemagglutination test, and latex agglutination test: Venezuela
- Immunity, Agglutination
Saliou P et al
1978 Bull Soc Path Exot 71 (2) Mar-Apr 181-188 Wa
sleeping sickness, human, epidemiological situation, evaluation of use of indirect immunofluorescence and capillary-tube passive hemagglutination: Bouafle, Cote-d'Ivoire
- Immunity, Agglutination
Sawhney S et al
1980 Tr Roy Soc Trop Med and Hyg 74 (1) 26-29 Wa
axenic *Entamoeba histolytica* antigen, fractionation and chemical analysis, haemagglutinating and precipitating activity
- Immunity, Agglutination
Schantz PM; Shanks D; Wilson M
1980 Am J Trop Med and Hyg 29 (4) July 609-612 Wa
Echinococcus granulosis, *Taenia solium*, confirmed human cases, indirect hemagglutination tests using both homologous and heterologous antigens, cross-reactions with most sera; immunoelectrophoresis or double diffusion tests with *E. granulosis* antigens, *Echinococcus*-specific arc 5 demonstrated in 11 of 21 hydatidosis sera and in 1 of 20 cysticercosis sera
- Immunity, Agglutination
Schmunis GA et al
1980 Am J Trop Med and Hyg 29 (2) Mar 170-178 Wa
Trypanosoma cruzi, children with recent infections, diagnosis, direct agglutination test with or without previous treatment of sera with 2-mercaptoethanol, comparison with indirect hemagglutination and indirect immunofluorescence tests
- Immunity, Agglutination
Schowalter DB et al
1980 J Wildlife Dis 16 (2) Apr 189-194 Wa
Toxoplasma gondii in *Mephitis mephitis*, serological survey, indirect hemagglutination test, prevalence by host age groups and by humid vs. arid biomes, antibody titres by month and season: Alberta; Saskatchewan
- Immunity, Agglutination
Senet JM; Robert R
1979 Arch Med Ouest 11 (1) Jan 39-42 Wm
toxoplasmosis, diagnosis using the indirect hemagglutination test
- Immunity, Agglutination
Shamsuddin N; Chaicumpa W; Atthasishtha N
1980 Southeast Asian J Trop Med and Pub Health 11 (4) Dec 461-467 Wa
Brugia malayi-infected human sera, diagnosis, evaluation of passive hemagglutination test using adult *Dirofilaria immitis* antigen, preparation of antigen
- Immunity, Agglutination
Sharma P; Prasad BNK; Dutta GP
1978 Indian J Med Research 68 Sept 423-427 Wa
Entamoeba histolytica, human, diagnosis, presence of other intestinal parasites does not appreciably influence outcome of indirect hemagglutination test for amoebic coproantibodies when standard axenic *E. histolytica* antigen is used

Immunity, Agglutination

Sharma P; Singh K; Dutta GP
1978 Indian J Med Research 67 Mar 374-380 Wa
Entamoeba histolytica, growth patterns in axenic culture using different sera; antisera produced in rabbits analyzed for gel-diffusion precipitin bands, haemagglutinins, and growth inhibitory activity against trophozoites

Immunity, Agglutination

Singh, DS et al
1980 J Ass Physicians India 28 (5-6) May-June 119-123 Wm
amoebiasis, humans, extraintestinal forms (most prevalent in males 20-40 years of age), clinical pathology, diagnosis using indirect haemagglutination and bentonite flocculation tests

Immunity, Agglutination

Singh M et al
1980 Am J Trop Med and Hyg 29 (4) July 548-552 Wa
Wuchereria bancrofti, Brugia malayi, human, immunodiagnosis, indirect hemagglutination technique using Breinlia booliati as antigen: Peninsular Malaysia

Immunity, Agglutination

Sorice F et al
1979 Ann Sclavo 21 (6) Nov-Dec 800-815 Wm
Echinococcus granulosus, humans, diagnosis, radioallergosorbent (RAST) assay compared with ELISA, indirect haemagglutination, counter-immunoelectrophoresis, and with skin tests, findings suggest that RAST be used as adjunct to other test methods rather than be employed as the only diagnostic method

Immunity, Agglutination

Speiser F
1980 Tropenmed u Parasitol 31 (4) Dec 459-466 Wa
filariasis, echinococcosis, human, serodiagnosis, enzyme-linked immunosorbent assay using Echinococcus granulosus hydatid fluid and Dipetalonema viteae as antigens, comparison with indirect fluorescent antibody test, indirect haemagglutination test, and counterimmunoelectrophoresis, ELISA was most sensitive but least specific method

Immunity, Agglutination

Spencer HC et al
1981 Am J Trop Med and Hyg 30 (1 pt 1) Jan 63-68 Wa
Entamoeba histolytica, human, serologic and parasitologic studies to examine reliability of diagnosis and confirm estimates of morbidity and mortality: El Salvador

Immunity, Agglutination

Stevens DL et al
1979 Am J Gastroenterol 72 (3) Sept 234-238 Wm
E[ntamoeba] histolytica, Caucasian male, case report, hepatic abscess, nonreactive to immunological tests preoperatively, motile hemophagous trophozoites seen microscopically in scrapings from wall of abscess, postoperative serologic tests were positive

Immunity, Agglutination

Suzuki T; Damian RT
1981 Am J Trop Med and Hyg 30 (4) July 825-835 Wa
Schistosoma mansoni-infected Papio cynocephalus, development of antibodies to adult worm, egg, and cercarial antigens during acute and chronic infections, immunoglobulin classes, enzyme-linked immunosorbent assay, radioallergosorbent, indirect hemagglutination, circumoval precipitin, and slide flocculation tests

Immunity, Agglutination

Tagawa M; Kurokawa K
1979 Bull Nippon Vet and Zotech Coll (28) 55-60 Wa
Dirofilaria immitis, dogs, diagnosis, comparison of hemagglutination and double diffusion using various antigens

Immunity, Agglutination

Takafuji ET et al
1980 Am J Trop Med and Hyg 29 (4) July 516-520 Wa
cutaneous leishmaniasis, occurrence in U.S. Army battalion deployed to Panama Canal Zone for jungle warfare training, medical surveillance program, aspiration cultures of greater value than punch biopsies in confirming early infection, indirect fluorescent antibody and direct agglutination tests useless as diagnostic screening methods in early stages

Immunity, Agglutination

Tandon A
1981 Tr Roy Soc Trop Med and Hyg 75 (4) 574-575 Wa
Entamoeba histolytica, human, serodiagnosis, enzyme linked immunosorbent assay evaluated on patients with intestinal amoebiasis, amebic liver abscess, and non-specific hepatomegaly, comparison with indirect haemagglutination assay

Immunity, Agglutination

Tandon A; et al
1980 Indian J Exper Biol 18 (7) July 679-681 Wa
Litomosoides carinii, fractionation and characterization of antigens, antibody responses to separated fractions in albino rats having patent and latent infections (precipitating and agglutinating antibody response, response in skin tests)

Immunity, Agglutination

Tassi C et al
1981 Internat J Parasitol 11 (1) Feb 85-88 Wa
Echinococcus granulosus, human hydatid disease, diagnosis by indirect haemagglutination reaction with various antigens from hydatid fluid and scoleces

Immunity, Agglutination

Tello P
1980 Bol Chileno Parasitol 35 (1-2) Jan-June 21-24 Wm
Toxoplasma gondii, diagnosis in pregnant women and their newborn infants using various immunological tests, treatment recommendations

Immunity, Agglutination

Thoen CO et al
1980 J Clin Microbiol 11 (5) May 499-502 Wm
Anaplasma marginale, cattle, diagnosis, enzyme-linked immunosorbent assay, comparison with card test and complement fixation test

- Immunity, Agglutination
Thomas V; Ogunba EO; Fabiyi A
1978 African J Med and Med Sc 7 (2) June 107-112 Wm
parasitic infections, humans, application of immunodiagnostic tests discussed in relation to conditions operating in developing countries where diagnostic facilities are often limited, immunofluorescence antibody test identified as the test that could be used universally with success, review
- Immunity, Agglutination
Todorov T et al
1979 Bull World Health Organ 57 (5) 735-740 Wa
echinococcosis, patients operated on for pulmonary infections, diagnostic value of 5 immunological tests compared
- Immunity, Agglutination
Todorov T et al
1979 Bull World Health Organ 57 (5) 741-750 Wa
pulmonary echinococcosis, humans, comparison of geometric mean titres of antibody response using 5 immunodiagnostic procedures and the role of certain factors in determining immunoreactivity
- Immunity, Agglutination
Todorov T; Stoianov G
1979 Bull World Health Organ 57 (5) 751-758 Wa
echinococcosis, humans, hepatic vs. pulmonary cysts, antibody levels studied by various immunological tests before and after surgical therapy, prognosis based on changes in titres
- Immunity, Agglutination
Tomlinson MJ et al
1981 Am J Vet Research 42 (8) Aug 1444-1446 Wa
Trypanosoma cruzi, dogs, serological survey using complement-fixation and direct-agglutination tests: southeastern United States
- Immunity, Agglutination
Valkoun A et al
1980 Casop Lek Cesk 119 (29-30) July 25 800-803 Wm
Toxoplasma gondii, diagnosis, direct agglutination reaction, tissue culture antigens more sensitive than murine peritoneal exudate antigens
- Immunity, Agglutination
Vinayak VK; et al
1980 Tr Roy Soc Trop Med and Hyg 74 (4) 483-487 Wa
Entamoeba histolytica, guinea-pigs, protective effects of crude and chromatographic fractions of axenic amoebic antigen, antibody response (indirect haemagglutination, counter-current immunoelectrophoresis)
- Immunity, Agglutination
Vinayak VK et al
1980 Trop and Geogr Med 32 (4) Dec 298-302 Wa
Entamoeba histolytica, patients with amoebic colitis or hepatic abscess, cell-mediated immune response (CMIR) and humoral antibody response studied using various serologic tests, no clear-cut correlations between CMIR and humoral antibody response were found but CMIR appears to be altered in amoebic patients during acute illness
- Immunity, Agglutination
Vinayak VK et al
1981 Ann Trop Med and Parasitol 75 (4) Aug 397-400 Wm
Entamoeba histolytica, rats fed low protein diet were more susceptible to infection and had severe caecal lesions compared with controls, hepatic lesions seen in one animal fed low protein diet for 14 days, malnourished rats had lower indirect haemagglutinating antibody titres than controls
- Immunity, Agglutination
Vottero-Cima E et al
1980 Medicina Buenos Aires 40 Suppl (1) 121-126 Wm
Trypanosoma cruzi, serum of infected patients, differences in variety and titer of antibodies studied using passive hemagglutination and epimastigote immobilization
- Immunity, Agglutination
Vottero-Cima E; Faillaci MG; Rubiolo E
1979 Acta Physiol Latinoam 29 (4-5) 263-270 Wa
Trypanosoma cruzi, humans, detection of humoral immune response, solid-phase micro-radioimmunoassay test, comparison with complement-fixation, indirect hemagglutination, and immunofluorescence tests
- Immunity, Agglutination
Wattre P et al
1980 Nouv Presse Med 9 (5) Jan 26 305-309 Wm
Echinococcus granulosus, immunodiagnostic methods used to confirm classical clinical and radiological diagnostic data and to conduct post-therapeutic surveillances, high prevalence of infection in immigrant workers vs native population in France
- Immunity, Agglutination
Weiland G et al
1980 Berl u Munchen Tierarztl Wchnschr 93 (14) July 15 261-264 Wa
Babesia divergens, cattle (nat. and exper.), diagnosis, indirect immunofluorescence, enzyme-linked immunosorbent assay, indirect haemagglutination, and intradermal tests using antigens of B. divergens and/or B. rodhaini
- Immunity, Agglutination
Williamson JMW; Williams H; Sharman GAM
1980 Research Vet Sc 29 (1) July 36-40 Wa
Toxoplasma gondii, serological surveys of farmed Cervus elaphus, haemagglutination test and Sabin-Feldman dye test compared in experimentally infected deer: Scotland
- Immunity, Allergy
Allansmith MR et al
1980 Invest Ophth & Visual Sc 19 (6) June 690-694 Wm
Nippostrongylus brasiliensis, immunized rats, participation of ocular tissues in systemic anaphylaxis
- Immunity, Allergy
Asaishi K et al
1980 Gastroenterol Japon 15 (2) Apr 120-127 Wm
Anisakis-infected guinea pigs and rabbits, 3 types of allergic immunological reactions of digestive tract induced by larvae, these reactions may play main role in clinical symptoms of human anisakiasis

Immunity, Allergy

Asaishi K et al
1980 Gastroenterol Japon 15 (2) Apr 128-134 Wm
Anisakis, humans, epidemiologic study of inhabitants and questionnaire survey, results show that the etiologic mechanism of acute infection involves anaphylactic reaction as well as Arthus reactions in the digestive tract: Japan

Immunity, Allergy

Azulay RD
1977 An Brasil Dermat 52 (3) July-Sept 345-352 Wm
Leishmania, humans, classification according to immuno-pathological reactions (allergic and non-allergic)

Immunity, Allergy

Bacalbasa N; Nichiteanu C
1980 Rev Chir (Chirurgia) Bucuresti 29 (6) Nov-Dec 467-468 Wm
hydatid cyst, 18-year-old patient, fatal anaphylactic shock as a result of cyst rupture during general anesthesia and surgery

Immunity, Allergy

Binnington KC; Stone BF
1981 Internat J Parasitol 11 (5) Oct 343-351 Wa
Ixodes holocyclus, salivary glands, morphology and histochemistry, evidence concerning origin of paralyzing toxin, possible origin of components which provoke allergic response in host

Immunity, Allergy

Butchers PR et al
1980 Internat Arch Allergy and Applied Immunol 62 (2) 205-212 Wm
histamine-containing cells from bronchial lavage of Ascaris-sensitive macaque monkeys, time course and inhibition of anaphylactic histamine release on challenge with Ascaris antigen

Immunity, Allergy

Cain WA et al
1980 Internat Arch Allergy and Applied Immunol 63 (4) 361-368 Wa
Ascaris suum, respiratory hypersensitivity to parasite extract in guinea pigs sensitized by aerosol

Immunity, Allergy

Capron A et al
1980 Am J Trop Med and Hyg 29 (5 pt 1) Sept 849-857 Wa
Schistosoma mansoni, rats, evidence for participation of anaphylactic antibodies in antibody-dependent cell-mediated cytotoxicity to schistosomes (IgE-macrophage interaction and IgG2a-eosinophil interaction), immune mechanisms regulating effector cell function, in vivo relevance, review

Immunity, Allergy

Capron A; Dessaint JP
1981 Ann Immunol 132C (1) Jan-Feb 3-8 Wa
IgE, interaction with mast cells, basophils, eosinophils, macrophages, and lymphoid cells, regulatory function, review

Immunity, Allergy

Capron A; Dessaint JP; Capron M
1980 Med Trop 40 (3) May-June 243-249 Wm
schistosomiasis, effector mechanisms in immunity, role of anaphylactic antibodies, activation of various phagocytic cell populations by immunoglobulin isotypes, general review

Immunity, Allergy

Capron M et al
1981 J Immunol 126 (6) June 2087-2092 Wm
Fc receptors for IgE on human and rat eosinophils, proportion of eosinophils bearing these receptors was significantly higher when eosinophils were obtained from hypereosinophilic patients or from Schistosoma mansoni-infected rats, role of these receptors in relation to dual function of eosinophils in antibody-dependent cytotoxicity and in regulation of immediate-type hypersensitivity

Immunity, Allergy

Carme B et al
1980 Ann Soc Belge Med Trop 60 (3) Sept 271-276 Wa
filariasis, humans, diagnosis, basophil degranulation test using Onchocerca volvulus extracts as antigen, test appears specific, possible use where classical methods are not successful

Immunity, Allergy

Centurier C; Weiland G; Seubert S
1981 Berl u Munchen Tierarztl Wchnschr 94 (11-12) June 1 238-241 Wa
Ornithodoros moubata, immunized and non-immunized rabbits, no differences in weight gain and weights of replete ticks, course of drop off, and drop off and moulting rate; reaginic antibodies to soluble salivary gland antigen not demonstrable by passive cutaneous anaphylaxis test; intensive antibody formation occurred in immunized and non-immunized rabbits, enzyme-linked immunosorbent assay; no immunity to 2nd nymphal instars developed

Immunity, Allergy

Chen SS; et al
1981 J Immunol 127 (1) July 166-173 Wm
Nippostrongylus brasiliensis, induction of FcR ϵ^+ lymphocytes in high IgE responder mice by infection

Immunity, Allergy

Chinery WA
1981 J Parasitol 67 (1) Feb 15-19 Wa
Haemaphysalis spinigera, Rhipicephalus s. sanguineus, skin reaction after intracutaneous injection of salivary gland extract into sensitized and nonsensitized rabbits, indicates that ticks' saliva contains pharmacodynamic substance (closely related to histamine) in addition to having antigenic properties

Immunity, Allergy

Damian RT et al
1981 Am J Trop Med and Hyg 30 (4) July 836-843 Wa
Schistosoma mansoni, multiply-infected Papio cynocephalus, antibody responses, immunoglobulin classes (enzyme-linked immunosorbent assay, slide flocculation, circumoval precipitation, passive cutaneous anaphylaxis, and opsonization tests), immediate hypersensitivity responses (cercarial dermatitis, direct skin testing with adult worm antigen)

Immunity, Allergy

Desowitz RS; Rudoy R; Barnwell JW
1981 Internat Arch Allergy and Applied Immunol 65 (4) 361-366 Wa
asthmatic and nonasthmatic children, prevalence of IgE and IgG antibodies to Toxocara canis and Dirofilaria immitis: Oahu, Hawaii

Immunity, Allergy

Doy TG; Hughes DL; Harness E
1981 Research Vet Sc 30 (3) May 357-359 Wa
Fasciola hepatica, rats, hypersensitivity,
lack of correlation between serum reaginic
antibody levels and rejection of flukes

Immunity, Allergy

Doy TG; Hughes DL; Harness E
1981 Research Vet Sc 30 (3) May 360-363 Wa
Fasciola hepatica, rats, hypersensitivity
responses (intestinal mast cells, intestinal
eosinophils, anaphylaxis, serum reagins), pos-
sible involvement in protection against chal-
lenge infection

Immunity, Allergy

El Raziky KH et al
1981 Am J Trop Med and Hyg 30 (2) Mar 373-384
Wa
Schistosoma mansoni and S. haematobium-in-
fected patients vs. subjects from nonendemic
area, immediate, Arthus, and delayed skin test
responses to S. mansoni antigen, delayed res-
ponses to ubiquitous antigens, gross and histo-
logical studies: Egypt

Immunity, Allergy

Eyre P; Boulard C; Deline TR
1980 Vet Rec 107 (12) Sept 20 280-281 Wa
Hypoderma lineatum, H. bovis, sera from calves
sensitized with larvae produced positive pas-
sive cutaneous anaphylaxis reactions in test
calves, results indicate production of reaginic
(type I anaphylactic) antibodies in sensitized
calves

Immunity, Allergy

Falk ES
1981 Allergy 36 (3) Apr 167-174 Wm
scabies, humans, changes in serum IgE before
and after treatment, findings confirm observa-
tions of specific immunological hypersensitiv-
ity to scabies mite, and that scabies infec-
tion stimulates production of IgE antibodies

Immunity, Allergy

Falk ES; Bolle R
1980 Brit J Dermatol 103 (3) Sept 283-288 Wa
Sarcoptes scabiei, humans, positive radioaller-
gosorbent test to Dermatophagoides pteronyss-
inus, elevated serum IgE concentrations,
atopic disease

Immunity, Allergy

Falk ES; Bolle R
1980 Brit J Dermatol 103 (4) Oct 367-373 Wa
Sarcoptes scabiei, human, demonstration of
immediate type hypersensitivity reactions
using prick and intracutaneous methods

Immunity, Allergy

Faublee V; Boulard C
1979 Compt Rend Acad Sc Paris 290 s D Sc Nat
(13) Mar 31 911-914 Wm
Hypoderma sp., cattle, demonstration of anaphy-
lactic antibodies

Immunity, Allergy

Fujita K; Tsukidate S
1981 Immunology 42 (3) Mar 363-370 Wa
Dirofilaria immitis, preparation of highly
purified allergen, reaginic antibody formation
in different strains of mice

Immunity, Allergy

Ghesquiere F et al
1979 Anesthesie et Analgesie 36 (11-12) 561-
echinococcosis, human hepatic hydatid cysts,
serious complications occurring during surgery,
possible anaphylactic etiology

Immunity, Allergy

Greenwood BM; Whittle HC
1980 Tr Roy Soc Trop Med and Hyg 74 (6) 716-725
Wa
sleeping sickness, human, clinical features,
laboratory abnormalities, pathological changes,
speculations about pathogenesis with emphasis
on immunopathology (immediate hypersensitivity,
autoantibodies, immune complexes), hypothesis
suggesting dominant role for B lymphocyte
proliferation in pathogenesis, symposium pre-
sentation

Immunity, Allergy

Hirshman CA; Downes H
1981 J Applied Physiol Respiratory Environmen-
tal and Exercise Physiol 50 (4) Apr 761-765 Wm
Basenji-Greyhound dog model of asthma, influ-
ence of atropine on Ascaris antigen-induced
bronchoconstriction

Immunity, Allergy

Houba V
1981 Developments Immunol 14 293-299 Wa
schistosomiasis, human, hypersensitivity re-
actions with special emphasis on their rela-
tion to clinical manifestations of this dis-
ease and to immunodiagnosis, brief review

Immunity, Allergy

Jarrett E; Mackenzie S; Bennich H
1980 Nature London (5744) 283 Jan 17 302-304 Wm
Nippostrongylus brasiliensis, egg-albumin-
hypersensitive rats, parasite-induced 'non-
specific' IgE does not protect against allergic
reactions

Immunity, Allergy

Joubert JR; de Klerk HC; Malan C
1979 South African Med J 56 (15) Oct 6 599-602
Wm
Ascaris lumbricoides-induced high total serum
IgE levels in humans, possible influence of
this immunogenic response on allergic asthma,
may predispose to allergic diseases

Immunity, Allergy

Joubert JR; van Schalkwyk DJ; Turner KJ
1980 South African Med J 57 (11) Mar 15 409-412
Wm
Ascaris lumbricoides-induced immune response
associated with enhanced IgE-mediated reactiv-
ity to common inhaled allergens in both aller-
gic and clinically non-allergic humans

Immunity, Allergy

Kaji R; Kamiyo T; Kojima S
1981 Immunopharmacology 3 (1) Feb 49-52 Wm
new anti-allergic agent (azelastine), inhibitory
effects on passive cutaneous anaphylaxis (in
rats sensitized with mouse IgE antibodies) and
on expulsion of Nippostrongylus brasiliensis
from rat intestine

Immunity, Allergy

Katz DH
1980 Immunology 41 (1) Sept 1-24 Wa
recent studies on regulation of IgE antibody
synthesis in experimental animals and man, re-
view including effects of parasitic infestation
on IgE antibody system

- Immunity, Allergy
Kemp DH; Bourne A
1980 Parasitology 80 (3) June 487-496 Wa
Boophilus microplus, effect of histamine and other pharmacologically active chemicals on attachment and growth of larvae
- Immunity, Allergy
Kueng M et al
1980 J Applied Physiol Respiratory, Environmental and Exercise Physiol 49 (1) July 22-27 Wm
modification of hypoxic pulmonary vasoconstriction by *Ascaris suum* antigen challenge in sensitized sheep
- Immunity, Allergy
Mazingue C et al
1980 Internat Arch Allergy and Applied Immunol 63 (2) 178-189 Wa
Schistosoma mansoni, in vitro and in vivo inhibition of mast cell degranulation by factor obtained from parasite, this factor also inhibited IgG2a antibody-dependent eosinophil cytotoxicity against schistosomula, could partly explain low incidence of clinical allergic manifestations observed in parasitic diseases and might represent escape mechanism of parasite to antibody-dependent eosinophil cytotoxicity mechanism
- Immunity, Allergy
Mukerji K et al
1981 J Biosc 3 (1) Mar 77-82 Wa
Ascaris lumbricoides, guinea pigs, immunization, immediate hypersensitivity following challenge, characterization of cytotoxic antibodies, skin tests in *Ascaris*-positive human subjects, concluded that guinea pig is suitable model for testing human *Ascaris* allergens
- Immunity, Allergy
Ngu JL
1978 Acta Trop 35 (3) Sept 269-279 Wa
Onchocerca volvulus, patients with generalized type vs. localized reactive type disease, skin testing, leucocyte migration inhibition test, enzyme linked immunosorbent assay
- Immunity, Allergy
O'Neil RM; Goodman FR
1981 J Allergy and Clin Immunol 67 (3) Mar 229-236 Wa
Ascaris antigen, respiratory responses in *Macaca fascicularis* and *M. mulatta*
- Immunity, Allergy
Owhashi M; Ishii A
1981 Internat Arch Allergy and Applied Immunol 64 (2) 146-156 Wa
Schistosoma japonicum, allergens extracted from eggs, fractionation and characterization
- Immunity, Allergy
Patterson R; Harris KE
1981 J Allergy and Clin Immunol 67 (2) Feb 146-152 Wm
inhibition of IgE-mediated *Ascaris* antigen-induced monkey asthma and skin reactions by 5,8,11,14-eicosatetraenoic acid
- Immunity, Allergy
Patterson R; Harris K
1981 Internat Arch Allergy and Applied Immunol 64 (3) 332-337 Wm
asthmatic *Macaca mulatta* with airway and cutaneous reactivity to *Ascaris* antigen, chronic pruritic dermatitis which appears to be analogue of human atopic dermatitis
- Immunity, Allergy
Pepys J
1979 Immunol Aspects Infect Dis 215-268 Wa
allergy, review, includes brief section on helminth parasitic allergens
- Immunity, Allergy
Perricone R et al
1980 N England J Med 302 (14) Apr 3 808-809 Wa
Echinococcus granulosus, humans, hydatid cyst fluid apparent activator of complement system in vitro (and presumably in vivo) mainly through alternative pathway, possible role of complement in allergic reactions
- Immunity, Allergy
Petit A; Pery P; Luffau G
1980 Molec Immunol 17 (11) Nov 1341-1349 Wa
Nippostrongylus brasiliensis, allergen fraction isolated from in vitro culture fluids, improved purification process and some properties
- Immunity, Allergy
Powell MB et al
1980 Am J Vet Research 41 (6) June 877-882 Wa
Otodectes cynotis, cats (nat. and exper.), reaginic hypersensitivity, precipitating antibodies, hematologic indices; mode of feeding requires ingesting feline tissue fluids and is route by which parasite antigens are presented to host
- Immunity, Allergy
Revoltella R et al
1980 Internat Arch Allergy and Applied Immunol 62 (1) 23-33 Wa
intestinal parasite load in relation to serum IgE levels and parasite-specific IgE antibodies: Rwanda
- Immunity, Allergy
Robbio Troyano L
1979 Allergol et Immunopath 7 (5) Sept-Oct 357-360 Wm
human parasitic infestations associated with allergic manifestations, incidence, possible relationships, clinical course before and after antiparasitic therapy: La Habana, Cuba
- Immunity, Allergy
Rockey JH et al
1981 Arch Opthh Chicago 99 (10) Oct 1831-1840 Wa
Toxocara canis, *Ascaris suum*, passively sensitized guinea pigs and animals infected intravitreally with ascarid larvae, role of IgE antibodies and mast cells in immunopathology of eye
- Immunity, Allergy
Rousseaux-Prevost R et al
1980 Internat Arch Allergy and Applied Immunol 62 (1) 86-93 Wa
Schistosoma mansoni-infected mice, total serum IgG1 and IgE levels, parasite-specific IgG1 and IgE antibodies

- Immunity, Allergy
Rubaire-Akiiki CM; Mutinga MJ
1980 Bull Animal Health and Prod Africa 28 (1) Mar 35-47 Wa
Rhipicephalus appendiculatus on rabbits, histopathological skin reactions associated with acquired resistance, Arthus type of immediate hypersensitivity is superimposed on and enhances physiopathological reactions of skin, implications for transmission of disease agents by this vector
- Immunity, Allergy
Rubaire-Akiki CM; Mutinga MJ
1980 Bull Animal Health and Prod Africa 28 (1) Mar 49-59 Wa
Rhipicephalus appendiculatus on rabbits, immunological reactions associated with acquired resistance, homocytotropic and precipitating antibody formation
- Immunity, Allergy
Scott A
1980 Vet Rec 107 (21) Nov 22 495-496 Wa
Dictyocaulus arnfieldi, donkey (lungs), acute respiratory distress possibly an anaphylactic reaction to dead worms stimulated by fenbendazole treatment
- Immunity, Allergy
Snapper JR et al
1980 Am Rev Resp Dis 122 (5) Nov 775-780 Wa
Ascaris suum challenge vs. histamine challenge, dogs, pulmonary and dermal sensitivity compared
- Immunity, Allergy
Tabatabai M; Vessal M; Cohanim N
1980 Ann Parasitol 55 (5) Sept-Oct 503-510 Wa
saline extract of ovine hydatid cyst scoleces has profound cardiovascular and respiratory effects in sheep, pretreatment with compound 48/80 (histamine releaser) but not with atropine or antazoline (antihistamine) blocks responses
- Immunity, Allergy
Tandon A; et al
1980 Indian J Exper Biol 18 (7) July 679-681 Wa
Litomosoides carinii, fractionation and characterization of antigens, antibody responses to separated fractions in albino rats having patent and latent infections (precipitating and agglutinating antibody response, response in skin tests)
- Immunity, Allergy
Targett GA
1981 Developments Immunol 14 301-309 Wa
malaria infection, human, immunological and allergological aspects especially in relation to pathogenesis and pathology, review
- Immunity, Allergy
Toro G; Roman G
1978 Arch Neurol 35 (5) May 271-275 Wm
Plasmodium falciparum, epidemiologic, clinical, and pathologic features of cerebral malaria suggest that this diffuse encephalopathy may be a form of disseminated vasculomyelinopathy, a hyperergic reaction of the central nervous system to the antigenic challenge of parasite infection
- Immunity, Allergy
Turner KJ; Fisher EH; Mayrhofer G
1981 Austral J Exper Biol and Med Sc 59 (4) Aug 491-502 Wa
Nippostrongylus brasiliensis-infected rats, age-dependent modulation of serum IgE and mast cell sensitization, results discussed in relation to proposed mechanisms by which parasites might suppress allergic diseases
- Immunity, Allergy
Turner KJ; Sumarmo; Sutejo
1981 Asian J Infect Dis 2 (3) Sept 193-203 Wm
The influence of parasitism on the expression of immediate-type hypersensitivity reactions and serum immunoglobulin levels in malnourished children
- Immunity, Allergy
Vardhani V; Johri GN
1979 J Hyg Epidemiol Microbiol and Immunol 23 (4) 452-456 Wa
Ancylostoma caninum, Swiss albino mice infected with single dose of larvae, increased histamine level may suggest severe intestinal anaphylaxis
- Immunity, Allergy
Vardhani V; Johri GN
1981 J Hyg Epidemiol Microbiol and Immunol 25 (1) 31-34 Wa
Ancylostoma caninum, mice infected with repeated doses of larvae, pharmacological estimation of histamine in intestine, possible source of excess histamine and role in immunity
- Immunity, Allergy
Weissberger D et al
1981 J Allergy and Clin Immunol 67 (5) May 357-362 Wm
sheep with Ascaris suum sensitivity, impaired tracheal mucus transport in allergic bronchoconstriction after A. suum challenge, effect of terbutaline pretreatment
- Immunity, Allergy
Weller PF; Ottesen EA; Heck L
1980 Am J Trop Med and Hyg 29 (5 pt 1) Sept 809-814 Wa
Wuchereria bancrofti, human, immediate and delayed hypersensitivity skin test responses to Dirofilaria immitis filarial skin test (Sawada) antigen, findings document limitations of this antigen preparation in immunodiagnosis of filariasis in residents of an endemic area: Mauke, Cook Islands
- Immunity, Allergy
Weltman JK; Senft AW
1981 Parasite Immunol 3 (2) Summer 157-163 Wa
schistosomiasis, human, analysis of allergy, immunoglobulin E, and diagnostic skin tests, mathematical model for mast cell degranulation
- Immunity, Allergy
Willadsen P
1980 Advances Parasitol 18 293-313 Wa
immunity to ticks, review: expression of immunity; nature of immunological response (antibody and complement; delayed hypersensitivity; immediate hypersensitivity; cellular reactions); artificial immunization and nature of tick antigens
- Immunity, Anaphylaxis See Immunity, Allergy

- Immunity, Antibody-dependent cell-mediated
Albright JW; Albright JF
1981 Infect and Immun 33 (2) Aug 355-363 Wa
Trypanosoma lewisi, basis of host specificity investigated in various mouse strains and in vitro, some parallel experiments with T. musculi, results suggest that principal mechanism responsible for murine resistance to heterologous trypanosomes is type of antibody-dependent granulocyte-mediated immunity involving naturally occurring antibody and probably platelets
- Immunity, Antibody-dependent cell-mediated
Ali-Khan Z; Siboo R
1981 Exper Parasitol 51 (2) Apr 159-168 Wa
Echinococcus multilocularis, distribution of antigenic determinants and specific host immunoglobulins on cyst membranes, possible significance of bound antibody in complement activation and antibody-dependent cell-mediated cytotoxicity of proliferative phase of alveolar hydatid cyst
- Immunity, Antibody-dependent cell-mediated
Anteonis A et al
1980 Compt Rend Acad Sc Paris 290 s D Sc Nat (14) Apr 14 979-981 Wa
Trichinella spiralis, ultrastructural study of destruction of new born larvae by normal peritoneal cells (eosinophils and macrophages) in presence of immune serum
- Immunity, Antibody-dependent cell-mediated
Attallah AM et al
1980 Internat Arch Allergy and Applied Immunol 63 (3) 351-354 Wa
Schistosoma mansoni, mice, natural killer cells and antibody-dependent cell-mediated components of infection
- Immunity, Antibody-dependent cell-mediated
Auriault C et al
1981 Cellular Immunol 62 (1) July 15 15-27 Wa
Schistosoma mansoni, interaction between macrophages and schistosomula: role of nonspecific IgG peptides or aggregates on modulation of beta-glucuronidase release and cytotoxicity against schistosomula, parasite proteolytic enzymes responsible for presence of inhibitory IgG peptides
- Immunity, Antibody-dependent cell-mediated
Brown J; Smalley ME
1980 Clin and Exper Immunol 41 (3) Sept 423-429 Wa
Plasmodium falciparum, specific antibody-dependent cellular cytotoxicity, in vitro microassay; evidence of parasite growth-promoting factor produced by lymphocytes
- Immunity, Antibody-dependent cell-mediated
Butterworth AE; Vadas MA
1979 Pract Tissue Culture Applic 287-307 Wa
Schistosoma mansoni, in vitro culture, applications in immunological studies, review
- Immunity, Antibody-dependent cell-mediated
Capron A et al
1980 Am J Trop Med and Hyg 29 (5 pt 1) Sept 849-857 Wa
Schistosoma mansoni, rats, evidence for participation of anaphylactic antibodies in antibody-dependent cell-mediated cytotoxicity to schistosomes (IgE-macrophage interaction and IgG2a-eosinophil interaction), immune mechanisms regulating effector cell function, in vivo relevance, review
- Immunity, Antibody-dependent cell-mediated
Capron A et al
1980 Mononuclear Phagocytes Functional Aspects pt 2 1539-1558 Wa
Schistosoma mansoni, antibody-dependent cell-mediated cytotoxic mechanism, cytophilic binding of IgE to rat macrophage, effects of IgE-macrophage interaction on cellular metabolism, specificity of IgE binding site, review
- Immunity, Antibody-dependent cell-mediated
Capron A; Dessaint JP; Capron M
1980 J Allergy and Clin Immunol 66 (2) Aug 91-96 Wa
Schistosoma mansoni, components of immune response to schistosomes, evidence for role of anaphylactic antibodies in regulation of effector cell function, regulation of immune effector mechanisms, review
- Immunity, Antibody-dependent cell-mediated
Capron M et al
1981 J Immunol 126 (5) May 1764-1768 Wm
Schistosoma mansoni, IgE-dependent cytotoxic capacity of rat eosinophils for schistosomula, mast cell products appear to play essential role in significantly increasing eosinophil cytotoxicity
- Immunity, Antibody-dependent cell-mediated
Capron M et al
1981 J Immunol 126 (6) June 2087-2092 Wm
Fc receptors for IgE on human and rat eosinophils, proportion of eosinophils bearing these receptors was significantly higher when eosinophils were obtained from hypereosinophilic patients or from Schistosoma mansoni-infected rats, role of these receptors in relation to dual function of eosinophils in antibody-dependent cytotoxicity and in regulation of immediate-type hypersensitivity
- Immunity, Antibody-dependent cell-mediated
Capron M et al
1981 Nature London (5793) 289 Jan 1-8 71-73 Wa
Schistosoma mansoni, demonstration that mast cell mediators like ECF-A (eosinophil chemotactic factor of anaphylaxis) tetrapeptides can not only promote eosinophil recruitment but also increase IgG-mediated eosinophil cytotoxicity against Schistosoma targets by enhancing expression of eosinophil IgG Fc receptors
- Immunity, Antibody-dependent cell-mediated
Cardoni R et al
1980 Medicina Buenos Aires 40 Suppl (1) 77-84 Wm
Trypanosoma cruzi, antibody-dependent cytotoxicity by human polymorphonuclear leukocytes
- Immunity, Antibody-dependent cell-mediated
Caulfield JP et al
1980 J Cell Biol 86 (1) July 46-63 Wa
Schistosoma mansoni, adherence of human neutrophils and eosinophils to schistosomula preincubated with antischistosomular sera with or without complement, evidence for membrane fusion between cells and parasites
- Immunity, Antibody-dependent cell-mediated
Caulfield JP et al
1980 J Cell Biol 86 (1) July 64-76 Wa
Schistosoma mansoni, partial and complete detachment of neutrophils and eosinophils from schistosomula, evidence for establishment of continuity between fused and normal parasite membrane

- Immunity, Antibody-dependent cell-mediated
David JR et al
1980 N England J Med 303 (20) Nov 13 1147-1152
Wa
Schistosoma mansoni, eosinophils from patients with eosinophilia exhibit enhanced capacity to kill schistosomula in presence of antischistosomular serum in vitro, this enhanced killing ability correlated with number of eosinophils in peripheral blood whether or not patient had schistosomiasis
- Immunity, Antibody-dependent cell-mediated
David JR; Butterworth AE; Vadas MA
1980 Am J Trop Med and Hyg 29 (5 pt 1) Sept 842-848 Wa
Schistosoma mansoni, mechanism of interaction mediating killing of schistosomula by human eosinophils, review
- Immunity, Antibody-dependent cell-mediated
Davies C; Goose J
1981 Parasite Immunol 3 (2) Summer 81-96 Wa
Fasciola hepatica, killing of newly excysted juveniles in previously sensitized rats observed by light, scanning electron, and transmission electron microscopy, involvement of eosinophils and mast cells, neutrophils not actively involved in early stages of immune damage, C3 not bound to surface of challenge flukes either in vivo or in vitro in immune serum
- Immunity, Antibody-dependent cell-mediated
Dessaint JP et al
1980 Internat J Nuclear Med and Biol 7 (2) 187-193 Wa
Schistosoma mansoni, antibody-dependent cell-mediated effector systems, contribution of radioisotope techniques to evaluation of immunity, review
- Immunity, Antibody-dependent cell-mediated
Dessein A et al
1981 Parasitology 82 (3) June 357-374 Wa
Schistosoma mansoni, immune evasion, loss of susceptibility to antibody- or complement-dependent eosinophil attack by schistosomula cultured in medium free of macromolecules
- Immunity, Antibody-dependent cell-mediated
Doy TG; Hughes DL; Harness E
1980 Research Vet Sc 29 (1) July 98-101 Wa
Fasciola hepatica, selective in vitro adherence by rat eosinophils to newly excysted flukes in presence of immune serum (independent of complement, not affected by age of sensitizing infection, and not induced by artificially raised antisera to dead fluke antigens)
- Immunity, Antibody-dependent cell-mediated
Duffus WPH; Franks D
1980 Clin and Exper Immunol 41 (3) Sept 430-440 Wa
Fasciola hepatica, in vitro effect of immune serum and bovine neutrophils and eosinophils on juvenile flukes
- Immunity, Antibody-dependent cell-mediated
Glauert AM; Oliver RC; Thorne KJI
1980 Parasitology 80 (3) June 525-537 Wa
interaction of human eosinophils and neutrophils with inert antibody-coated non-phagocytosable surface is closely similar to their interaction with antibody-coated *Schistosoma mansoni* schistosomula, model for studying cell-mediated cytotoxic reactions
- Immunity, Antibody-dependent cell-mediated
Greene BM; Taylor HR; Aikawa M
1981 J Immunol 127 (4) Oct 1611-1618 Wm
Onchocerca volvulus, eosinophil- and neutrophil-mediated immune serum-dependent destruction of microfilariae, IgG identified as antibody class binding to microfilariae, enhancement of killing in presence of fresh serum source in mechanism that appears to be dependent on activation of complement by alternative pathway
- Immunity, Antibody-dependent cell-mediated
Haque A et al
1980 Clin and Exper Immunol 40 (3) June 487-495 Wa
Dipetalonema viteae, IgE antibody-mediated adherence and cytotoxicity of rat macrophages against microfilariae in vitro
- Immunity, Antibody-dependent cell-mediated
Haque A et al
1981 J Immunol 127 (2) Aug 716-725 Wm
Dipetalonema viteae, IgE antibody in eosinophil- and macrophage-mediated in vitro killing of microfilariae
- Immunity, Antibody-dependent cell-mediated
Hopper KE et al
1981 Clin and Exper Immunol 45 (3) Sept 633-641 Wa
Litomosoides carinii, enhanced adhesion of rat neutrophils to microfilariae in presence of culture supernatants from mitogen-stimulated lymph node cells, results suggest that cell-mediated immune reactions leading to lymphokine production may potentiate antifilarial antibody-dependent cellular cytotoxicity and general phagocytosis by neutrophils
- Immunity, Antibody-dependent cell-mediated
Hunter KW jr et al
1981 Immunol Letters 2 (4) Jan 209-212 Wa
Plasmodium yoelii, mice, early enhancement of natural killer cell activity (correlated with transient early rise in serum interferon levels) followed by marked suppression later in course of infection, antibody-dependent cell-mediated cytotoxicity and responses of T and B lymphocytes to mitogens were suppressed throughout course of infection
- Immunity, Antibody-dependent cell-mediated
Incani RN; McLaren DJ
1981 Parasite Immunol 3 (2) Summer 107-126 Wa
Schistosoma mansoni, neutrophil-mediated cytotoxicity to schistosomula in vitro, kinetics of complement and/or antibody (IgG)-dependent adherence and killing
- Immunity, Antibody-dependent cell-mediated
Johnson P et al
1981 Parasite Immunol 3 (1) Spring 69-80 Wa
Brugia pahangi, serum-mediated adherence of feline eosinophils and neutrophils to microfilariae in vitro, involvement of IgG and complement, effect of age or origin of microfilariae
- Immunity, Antibody-dependent cell-mediated
Kazura JW
1981 J Infect Dis 143 (5) May 712-718 Wa
Trichinella spiralis, in vitro study of capacity of human leukocytes in presence of serum from infected individuals and complement to destroy newborn larvae, results show that host defense is in part mediated by granulocytes and dependent on presence of IgG antibodies directed against migratory parasitic stage

- Immunity, Antibody-dependent cell-mediated
Kazura JW et al
1981 J Clin Invest 67 (1) Jan 93-102 Wa
Schistosoma mansoni, role of cell-generated hydrogen peroxide in granulocyte-mediated killing of schistosomula in vitro
- Immunity, Antibody-dependent cell-mediated
Kazura JW; Aikawa M
1980 J Immunol 124 (1) Jan 355-361 Wm
Trichinella spiralis, eosinophil-mediated destruction of newborn larvae in vitro in presence of immune mouse serum, ultrastructural analysis of cell-parasite interaction; neutrophils were significantly less cytotoxic and mononuclear cells did not kill
- Immunity, Antibody-dependent cell-mediated
Kierszenbaum F; Ackerman SJ; Gleich GJ
1981 Am J Trop Med and Hyg 30 (4) July 775-779 Wa
Trypanosoma cruzi, destruction of bloodstream forms by eosinophil granule major basic protein
- Immunity, Antibody-dependent cell-mediated
Kierszenbaum F; Hayes MM
1980 Immunology 40 (1) May 61-66 Wa
Trypanosoma cruzi, antibody-dependent killing of circulating forms by human or mouse leucocytes, human and mouse effector cell types
- Immunity, Antibody-dependent cell-mediated
Kipnis TL et al
1981 Am J Trop Med and Hyg 30 (1 pt 1) Jan 47-53 Wa
Trypanosoma cruzi, antibody-dependent killing of bloodstream forms by mouse eosinophils and neutrophils in vitro
- Immunity, Antibody-dependent cell-mediated
McKean JR; Anwar ARE; Kay AB
1981 Exper Parasitol 51 (3) June 307-317 Wa
Schistosoma mansoni, time and course of damage to schistosomula mediated by human eosinophils and neutrophils and by antibody and/or complement in vitro, comparison of schistosomula prepared mechanically or by skin penetration
- Immunity, Antibody-dependent cell-mediated
Mackenzie CD et al
1980 European J Immunol 10 (8) Aug 594-601 Wm
Trichinella spiralis, Nippostrongylus brasiliensis, various stages in life cycle, activation of complement and induction of antibodies by cuticle, effects of eosinophils, macrophages, neutrophils, and mast cells on viability of these nematodes following cellular attachment to cuticle via antibodies and/or C
- Immunity, Antibody-dependent cell-mediated
Mackenzie CD et al
1981 J Path 133 (2) Feb 161-175 Wa
Trichinella spiralis, Nippostrongylus brasiliensis, in vitro interaction of eosinophils, neutrophils, macrophages, and mast cells with nematode surfaces in presence of complement or antibodies, findings discussed in relationship to immunopathology of nematode infection in vivo
- Immunity, Antibody-dependent cell-mediated
McLaren DJ
1980 Trop Med Research Studies Ser (1) 229 pp Wm
Schistosoma mansoni, parasite surface in relation to host immunity, monograph
- Immunity, Antibody-dependent cell-mediated
Mazingue C et al
1980 Internat Arch Allergy and Applied Immunol 63 (2) 178-189 Wa
Schistosoma mansoni, in vitro and in vivo inhibition of mast cell degranulation by factor obtained from parasite, this factor also inhibited IgG2a antibody-dependent eosinophil cytotoxicity against schistosomula, could partly explain low incidence of clinical allergic manifestations observed in parasitic diseases and might represent escape mechanism of parasite to antibody-dependent eosinophil cytotoxicity mechanism
- Immunity, Antibody-dependent cell-mediated
Mehta K et al
1980 Clin and Exper Immunol 41 (1) July 107-114 Wa
Litomosoides carinii, IgE-dependent adherence and cytotoxicity of rat spleen and peritoneal cells to microfilariae, complement may play part in reactions, EDTA, EGTA, and diethylcarbamazine inhibited adherence
- Immunity, Antibody-dependent cell-mediated
Mehta K et al
1981 Immunology 43 (1) May 117-123 Wm
Wuchereria bancrofti, nature of immunoglobulin and effector cells involved in antibody-dependent cell-mediated adhesion and cytotoxicity to microfilariae, diethylcarbamazine treatment of elephantiasis cases results in significant reduction in ability of their sera to promote cellular adhesion
- Immunity, Antibody-dependent cell-mediated
Moser G; von Lichtenberg F; Sher A
1981 Parasitology 83 (3) Dec 543-558 Wa
Schistosoma mansoni, antibody-dependent killing of TNP-labelled schistosomula in vivo may involve 2 overlapping effector mechanisms, one mediated by radio-sensitive cells (e.g., neutrophils) and one mediated by lytic pathway of complement
- Immunity, Antibody-dependent cell-mediated
Moser G; Sher A
1981 J Immunol 126 (3) Mar 1025-1029 Wm
Schistosoma mansoni, studies of antibody-dependent killing of schistosomula employing haptenic target antigens, in vitro killing of TNP-schistosomula by human eosinophils and neutrophils
- Immunity, Antibody-dependent cell-mediated
Moser G; Wassom DL; Sher A
1980 J Exper Med 152 (1) July 1 41-53 Wa
Schistosoma mansoni, studies of antibody-dependent killing of schistosomula employing haptenic target antigens, evidence that loss in susceptibility to immune damage undergone by developing schistosomula involves change unrelated to masking of parasite antigens by host molecules
- Immunity, Antibody-dependent cell-mediated
Novato-Silva E; Nogueira-Machado JA; Gazzinelli G
1980 Am J Trop Med and Hyg 29 (6) Nov 1263-1267 Wa
Schistosoma mansoni, comparison of killing effect of granulocytes and complement with and without antibody on fresh vs. cultured schistosomula in vitro

- Immunity, Antibody-dependent cell-mediated
Okabe K et al
1980 Clin Immunol and Immunopathol 16 (3) July 344-353 Wm
Trypanosoma cruzi, antibody-dependent cell-mediated cytotoxicity to trypomastigote bloodstream forms
- Immunity, Antibody-dependent cell-mediated
Ouasssi MA; Haque A; Capron A
1981 Parasitology 82 (1) Feb 55-62 Wa
Dipetalonema viteae, in vitro interaction between rat macrophages and microfilariae in presence of IgE antibody, probable sequence of events leading to killing of microfilariae by macrophages
- Immunity, Antibody-dependent cell-mediated
Perrudet-Badoux A et al
1981 Vet Parasitol 8 (1) Feb 89-94 Wa
Trichinella spiralis, action of combination of normal rat peritoneal exudate cells and specific antibodies on new-born larvae in vitro, infectivity for mice of new-born larvae after in vitro pre-treatment with immune serum
- Immunity, Antibody-dependent cell-mediated
Philipp M et al
1981 J Exper Med 154 (1) July 1 210-215 Wa
Trichinella spiralis, rats, primary serum antibody response to stage-specific surface antigens, these antigens could be targets for stage-specific antibody-dependent eosinophil-mediated destruction of this parasite
- Immunity, Antibody-dependent cell-mediated
Pincus SH et al
1981 J Immunol 126 (5) May 1794-1799 Wm
Schistosoma mansoni, antibody-dependent eosinophil-mediated damage to schistosomula, lack of requirement for oxidative metabolism
- Immunity, Antibody-dependent cell-mediated
Prasad R et al
1980 Internat J Parasitol 10 (2) Apr 93-96 Wa
Litomosoides carinii, albino rats, thiamine deficiency, greater susceptibility to infection, synergistic role in immunosuppressive effect of infection; antibody-dependent adhesion of splenic cells to microfilariae
- Immunity, Antibody-dependent cell-mediated
Rudin W et al
1980 Tropenmed u Parasitol 31 (2) June 194-200 Wa
Dipetalonema viteae, ultrastructural aspects of antibody-dependent cell-mediated destruction of microfilariae in vitro and within micropore chambers in vivo, correlation between degree of adherence and degree of microfilarial damage, contribution of different cell types to destruction process
- Immunity, Antibody-dependent cell-mediated
Sturrock RF et al
1981 Tr Roy Soc Trop Med and Hyg 75 (2) 219-227 Wa
Schistosoma mansoni-infected schoolchildren, heat-labile IgE and heat-stable IgG anti-schistosomular antibodies, relationship to host age, to intensity of infection, and to each other: Kenya
- Immunity, Antibody-dependent cell-mediated
Tanner M; Weiss N
1978 Acta Trop 35 (2) June 151-160 Wa
Dipetalonema viteae, antibody-dependent adhesion of peritoneal exudate cells to microfilariae in vitro
- Immunity, Antibody-dependent cell-mediated
Vadas MA et al
1980 Clin and Exper Immunol 39 (3) Mar 683-694 Wm
Schistosoma mansoni, unpurified peripheral blood leucocytes or purified eosinophils and neutrophils from patients or from normal individuals were compared for ability to interact with antibody-coated schistosomula
- Immunity, Antibody-dependent cell-mediated
Vadas MA et al
1980 J Immunol 124 (3) Mar 1441-1448 Wm
Schistosoma mansoni, stable and irreversible antibody-dependent adherence of eosinophils to schistosomula, adherence of neutrophils is less extensive and is readily reversible
- Immunity, Antigenic variation [See also Immunity, Antigens]
- Immunity, Antigenic variation
Agabian N et al
1980 Am J Trop Med and Hyg 29 (5 pt 2) Sept 1043-1049 Wa
Trypanosoma brucei brucei, development of new serodeme, molecular studies of antigenic variation, use of heterologous DNA probes in isolation of trypanosome genes and analysis of their organization
- Immunity, Antigenic variation
Auffret CA; Turner MJ
1981 Biochem J 193 (2) Feb 1 647-650 Wa
Trypanosoma brucei, variant specific antigens exist in solution as glycoprotein dimers
- Immunity, Antigenic variation
Barbet AF et al
1981 Parasitology 83 (3) Dec 623-637 Wa
Trypanosoma brucei brucei, identification of fragment containing cross-reacting antigenic determinants in variable surface glycoprotein
- Immunity, Antigenic variation
Bloom BR; Tanowitz H; Wittner M
1979 Immune Mech and Dis 69-100 Wm; Wa
mechanisms for escape of immune surveillance by parasites, review (old-time genetic engineering; antigenic variation; antigenic mimicry and concomitant immunity; learning to live in your macrophages; jamming the immune response; subversion of the immune system)
- Immunity, Antigenic variation
Boothroyd JC et al
1980 Nature London (5791) 288 Dec 11 624-626 Wa
Trypanosoma brucei, nucleotide sequence data which suggest that primary translation product of one variant surface glycoprotein gene contains hydrophobic tail at carboxy terminus which is not found on isolated mature glycoprotein, data also predict that glycosylated residue is aspartic acid rather than anticyclic asparagine
- Immunity, Antigenic variation
Borst P et al
1980 Am J Trop Med and Hyg 29 (5 pt 2) Sept 1033-1036 Wa
trypanosomes, genes for variant antigens, review

- Immunity, Antigenic variation
 Borst P et al
 1980 Molec and Biochem Parasitol 1 (4) Aug 221-246 Wa
 Trypanosoma spp., characterization of non-kinetoplast DNA by restriction endonuclease digestion, can be used to differentiate species or even strains but not antigenic variants
- Immunity, Antigenic variation
 Buengener W
 1980 Tropenmed u Parasitol 31 (3) Sept 283-287 Wa
 Trypanosoma brucei brucei strain STIB 348C, primary and secondary populations of 2 lines of original strain tested in vivo (mice) for resistance against human serum, results suggest development of variant antigenic types with higher resistance to human serum in longstanding infections
- Immunity, Antigenic variation
 Butcher GA
 1979 Bull World Health Organ 57 suppl 1 17-26 Wa
 Plasmodium falciparum, P. knowlesi, factors affecting in vitro culture; horse serum may be possible as replacement for human serum for P. falciparum; P. knowlesi may change antigenic specificity in course of adapting to culture
- Immunity, Antigenic variation
 Carroll M; McCrorie P
 1980 Comp Biochem and Physiol 67B (4) 685-688 Wa
 Trypanosoma brucei brucei, glycosidases, identification and partial characterization, may play role in turnover of variant-specific surface antigens
- Immunity, Antigenic variation
 Carroll M; McCrorie P
 1981 Comp Biochem and Physiol 70B (2) 319-322 Wa
 Trypanosoma brucei brucei, improvement of standard method for isolation of trypanosomes from infected blood, comparison of physicochemical and kinetic properties of alpha-glucosidase and alpha-mannosidase in bloodstream forms, possible role of these enzymes in processing or catabolism of trypanosomal glycoproteins (in particular variant-specific surface antigen)
- Immunity, Antigenic variation
 Cook RM
 1981 Internat J Parasitol 11 (2) Apr 149-156 Wa
 Trypanosoma brucei, effects of immune sera on promoting attachment and subsequent ingestion of trypanosomes by peritoneal exudate cells, attachment did not appear to be mediated by variant specific antibodies
- Immunity, Antigenic variation
 Cordingley JS; Turner MJ
 1980 Molec and Biochem Parasitol 1 (3) June 129-137 Wa
 Trypanosoma brucei brucei, isolation of variant specific antigen mRNA by immunoprecipitation of polysomes
- Immunity, Antigenic variation
 Cordingley JS; Turner MJ
 1980 Parasitology 81 (3) Dec 537-551 Wa
 Trypanosoma brucei, polysomes, isolation in bulk and characterization, detection of nascent variant surface antigen on these polysomes
- Immunity, Antigenic variation
 Cross GAM et al
 1980 Am J Trop Med and Hyg 29 (5 pt 2) Sept 1027-1032 Wa
 trypanosomes, antigenic variation, molecular and genetic basis of variant surface glycoprotein (VSG) structure and diversity, control of VSG expression, review
- Immunity, Antigenic variation
 Delachambre D
 1980 Ann Parasitol 55 (1) Jan-Feb 1-11 Wa
 Trichomonas vaginalis, antigenic analysis of 2 clones from same strain before and after prolonged in vitro cultivation, previous reports of antigenic variation should be questioned
- Immunity, Antigenic variation
 Diffley P et al
 1980 J Parasitol 66 (2) Apr 185-191 Wa
 Trypanosoma brucei brucei, rats, mice, detection and quantification of variant specific antigen in plasma, results extend observation that salivarian trypanosomes shed surface coat material during course of infection
- Immunity, Antigenic variation
 Doyle JJ et al
 1980 Parasitology 80 (2) Apr 359-369 Wa
 Trypanosoma brucei, antigenic variation in clones of animal-infective bloodstream forms derived and maintained in vitro in absence of host antibodies
- Immunity, Antigenic variation
 Doyle JJ; de Gee ALW; Hirumi H
 1980 Insect Sc and Its Applic 1 (1) 65-68 Wa
 Trypanosoma brucei, T. vivax, variable antigen-associated differences in infectivity and virulence, review
- Immunity, Antigenic variation
 Doyle JJ; Hirumi H; Hirumi K
 1980 Trop Dis Research Ser (3) 213-215 Wm
 Trypanosoma brucei, antigenic variation in vitro, workshop presentation
- Immunity, Antigenic variation
 Dzbenski TH
 1979 Wiadom Parazytol 25 (2) 207-220 Wa
 protozoa, genetic aspects of antigenic variation
- Immunity, Antigenic variation
 Gardiner PR; Jones TW; Cunningham I
 1980 J Protozool 27 (3) Aug 316-320 Issued Oct 9 Wa
 Trypanosoma brucei, in vitro-produced metacyclics and blood stream infections initiated by them in mice, antigenic analysis by indirect fluorescent antibody test
- Immunity, Antigenic variation
 de Gee ALW; Shah SD
 1980 J Parasitol 66 (6) Dec 1061-1063 Issued May 6 1981 Wa
 Trypanosoma vivax, effect of lethal whole-body irradiation of mice on infection, seems that multiplication rates of certain variable antigenic types are depressed whereas those of others are increased
- Immunity, Antigenic variation
 de Gee ALW; Shah SD; Doyle JJ
 1981 Exper Parasitol 51 (3) June 392-399 Wa
 Trypanosoma vivax, host influence on appearance of variable antigen types

Immunity, Antigenic variation

Hajduk SL et al
1981 Parasitology 83 (3) Dec 595-607 Wa
Trypanosoma brucei, variable antigen type composition of metacyclic trypanosome populations from salivary glands of Glossina morsitans

Immunity, Antigenic variation

Hajduk S; Vickerman K
1981 Tr Roy Soc Trop Med and Hyg 75 (1) 145-146 Wa
Trypanosoma brucei, variable antigen types in metacyclic population and in first parasitaemia population in fly-bitten mice, conclusions of possible relevance to vaccination

Immunity, Antigenic variation

Hajduk SL; Vickerman K
1981 Parasitology 83 (3) Dec 609-621 Wa
Trypanosoma brucei, variable antigen type composition of first parasitaemia in mice bitten by infected Glossina morsitans

Immunity, Antigenic variation

Herbert WJ; Joshua RA; White RG
1981 Tr Roy Soc Trop Med and Hyg 75 (1) 149 Wa
Trypanosoma brucei in Gallus domesticus (exper.), course of infection, self-cure, subsequent immunity to challenges that contained many variable antigen types, may be useful model host

Immunity, Antigenic variation

Hoeijmakers JHJ et al
1980 Gene 8 (4) Mar 391-417 Wm
Trypanosoma brucei, isolation of plasmids containing DNA complementary to messenger RNA for variant surface glycoproteins

Immunity, Antigenic variation

Hoeijmakers JHJ et al
1980 Nature London (5751) 284 Mar 6 78-80 Wa
Trypanosoma brucei, novel expression-linked copies of genes for variant surface antigens

Immunity, Antigenic variation

Holder AA; Cross GAM
1981 Molec and Biochem Parasitol 2 (3-4) Feb 135-150 Wa
Trypanosoma brucei, glycopeptides from variant surface glycoproteins, amino acid and sugar composition and partial or complete amino acid sequence, C-terminal location of antigenically cross-reacting carbohydrate moieties

Immunity, Antigenic variation

Hommel M; David PH
1981 Infect and Immun 33 (1) July 275-284 Wa
Plasmodium knowlesi, variant antigens demonstrated on schizont-infected erythrocytes but not on merozoites; techniques used include purification of merozoites, use of hyperimmune rabbit sera instead of monkey sera, schizont-infected cell agglutination test, indirect immunofluorescence antibody test, and electron microscopy with ferritin-labeled antibodies

Immunity, Antigenic variation

Hudson KM; Taylor AER; Elce BJ
1980 Parasite Immunol 2 (1) Spring 57-69 Wa
Trypanosoma brucei, antigenic changes on transmission by tsetse fly

Immunity, Antigenic variation

Jenni L
1977 Acta Trop 34 (1) Mar 35-41 Wa
Trypanosoma brucei, modified infection and maintenance procedure for cyclical transmission which produced high mature infection rates in Glossina m. morsitans, different antigenic types of cyclically transmitted parasite strains and cloned derivatives

Immunity, Antigenic variation

Jenni L; Brun R
1981 Tr Roy Soc Trop Med and Hyg 75 (1) 150-151 Wa
Trypanosoma brucei, in vitro cultures initiated with metacyclic forms, antigenic variation, immunization of mice

Immunity, Antigenic variation

Jones TW et al
1981 Tr Roy Soc Trop Med and Hyg 75 (4) 560-565 Wa
Trypanosoma brucei gambiense, use of culture-derived metacyclic trypanosomes in studies on serological relationships of 5 stocks from 4 African countries

Immunity, Antigenic variation

Kilgour V
1980 Internat J Biochem 12 (3) 325-332 Wa
Trypanosoma brucei, T. cruzi, energy metabolism, proteins (surface coat and antigenic variation, isoenzymes), lipids, nucleic acids, review

Immunity, Antigenic variation

Kosinski RJ
1980 Parasitology 80 (2) Apr 343-357 Wa
antigenic variation in trypanosomes, computer analysis of variant order

Immunity, Antigenic variation

Labastie MC et al
1981 Biochem and Biophys Research Commun 99 (2) Mar 31 729-736 Wa
Trypanosoma equiperdum, variant specific glycoproteins, cross reacting determinants and chemical studies

Immunity, Antigenic variation

Leke R; Viens P; Davies AJS
1981 Clin and Exper Immunol 45 (3) Sept 627-632 Wa
Plasmodium chabaudi-infected normal, T cell-deprived, or nude mice, pattern of parasitaemia, some increase in virulence associated with sustained growth of organism in deprived mice, no positive evidence for modulation of antigenicity of parasite but this is suspected to be present

Immunity, Antigenic variation

Lyon JA et al
1981 J Immunol 126 (1) Jan 134-137 Wm
Trypanosoma rhodesiense, use of monoclonal antibodies to probe molecular basis for charge heterogeneity in variant-specific surface coat glycoprotein

Immunity, Antigenic variation

McColm AA; Trigg PI
1981 Ztschr Parasitenk 64 (3) 353-357 Wa
Plasmodium knowlesi, temperature sensitivity and variant specificity of antigens released in vitro and comparison with antigenic material released in vivo, double-diffusion analysis

- Immunity, Antigenic variation
McGuire TC et al
1980 Exper Parasitol 50 (2) Oct 233-239 Wa
Trypanosoma brucei, radioimmunoassay of variant surface glycoproteins from organisms grown in vitro and in vivo
- Immunity, Antigenic variation
Magnus E; Vervoort T; Van Meirvenne N
1978 Ann Soc Belge Med Trop 58 (3) Sept 169-176 Wa
Trypanosoma brucei gambiense, humans, diagnosis, card agglutination test using a suspension of fixed and stained T. b. brucei of defined variable antigen type, method also evaluated against sera of patients free of sleeping sickness and those with various parasitoses
- Immunity, Antigenic variation
Matthyssens G et al
1981 Nature London (5829) 293 Sept 17-23 230-233 Wa
Trypanosoma brucei, two variant surface glycoproteins have conserved C-terminus
- Immunity, Antigenic variation
Merritt SC
1980 Molec and Biochem Parasitol 1 (3) June 151-166 Wa
Trypanosoma brucei gambiense, mRNA coding for variant specific antigen, purification (from total trypanosomal polyribosomes by indirect immunoprecipitation) and cell-free translation
- Immunity, Antigenic variation
Miller EN; Turner MJ
1981 Parasitology 82 (1) Feb 63-80 Wa
Trypanosoma brucei, analysis of variant antigenic types appearing in first relapse populations of clones
- Immunity, Antigenic variation
Musoke AJ et al
1981 Parasite Immunol 3 (2) Summer 97-106 Wa
Trypanosoma brucei, cattle, specific antibodies to variable surface glycoproteins, results suggest that polyclonal B cell stimulation leading to dysfunction in control of IgM and IgG production may not be responsible for high levels of these immunoglobulins in bovine trypanosomiasis
- Immunity, Antigenic variation
Nantulya VM; Doyle JJ
1977 Acta Trop 34 (4) Dec 313-320 Wa
Trypanosoma brucei, variant specific surface antigens, stabilization and preservation of antigenic specificity by mild fixation techniques
- Immunity, Antigenic variation
Nantulya VM; Doyle JJ; Jenni L
1980 Parasitology 80 (1) Feb 123-131 Wa
Trypanosoma congolense, antigenic variation in 3 cyclically transmitted stocks
- Immunity, Antigenic variation
Olenick JG; Travis RW; Garson S
1981 Molec and Biochem Parasitol 3 (4) Aug 227-238 Wa
Trypanosoma rhodesiense, variant-specific surface coat glycoproteins, chemical and immunological characterization
- Immunity, Antigenic variation
Pays E et al
1980 Nucleic Acids Research 8 (24) Dec 20 5965-5981 Wm
Trypanosoma brucei brucei, cloning and characterization of DNA sequences complementary to messenger ribonucleic acids coding for synthesis of two variant specific surface antigens
- Immunity, Antigenic variation
Pays E et al
1981 Proc National Acad Sc 78 (5) May 2673-2677 Wa
Trypanosoma brucei brucei, gene duplication and transposition linked to antigenic variation
- Immunity, Antigenic variation
Pays E; Lheureux M; Steinert M
1981 Nature London (5820) 292 July 16 265-267 Wm
Trypanosoma brucei brucei, the expression-linked copy of surface antigen gene is probably the one transcribed
- Immunity, Antigenic variation
Pearson TW et al
1981 J Immunol 126 (3) Mar 823-828 Wm
Trypanosoma brucei, variable surface antigens, studies using two-dimensional gel electrophoresis and monoclonal antibodies, possible explanation for role of variable antigens in pathogenesis of African trypanosomiasis
- Immunity, Antigenic variation
Reinwald E; Rautenberg P; Risse HJ
1981 Biochim et Biophys Acta 668 (1) Mar 27 119-131 Wm
Trypanosoma congolense, purification of variant antigens, new approach to isolation of glycoproteins
- Immunity, Antigenic variation
Richards FF et al
1981 Fed Proc 40 (5) Apr 1434-1439 Wa
Trypanosoma congolense, antigenic variation and surface glycoproteins, review
- Immunity, Antigenic variation
Rickman L; Kolala F
1980 Tr Roy Soc Trop Med and Hyg 74 (6) 817-819 Wa
Trypanosoma brucei brucei, clones of 3 different isolates, sequential blood incubation infectivity tests on successive variable antigen types, all 3 eventually changed from BIIT-negative to BIIT-positive responses typical of T. rhodesiense coincident with proven changes of VAT
- Immunity, Antigenic variation
Rickman L; Kolala F; Mwanza S
1981 Acta Trop 38 (2) June 115-124 Wa
Trypanosoma brucei subspecies clone, successive variable antigen types, variation in sensitivity/resistance to some African game animal sera in modified version of blood incubation infectivity test, all 7 VATs resistant to normal human serum (typical of T. b. rhodesiense)
- Immunity, Antigenic variation
Riou G et al
1980 Molec and Biochem Parasitol 1 (2) Apr 97-105 Wa
Trypanosoma equiperdum, absence of kinetoplast DNA in late antigenic variant

Immunity, Antigenic variation

Rosen NL et al

1981 *Exper Parasitol* 52 (2) Oct 210-218 Wa
Trypanosoma congolense strain cloned, passaged through tsetse fly, and subsequently re-cloned, relapsing infections induced in rats by syringe passage of cloned trypanosomes, relapsing infection was associated with change of one major glycoprotein spectrotpe to second spectrotpe, these variant surface glycoproteins may be products of sequentially expressed genes

Immunity, Antigenic variation

Rovis L; Baekkeskov S

1980 *Parasitology* 80 (3) June 507-524 Wa
Trypanosoma brucei, subcellular fractions, isolation, partial purification, chemical and enzymatic characterization, special emphasis on plasma membranes

Immunity, Antigenic variation

Schlaeppli B; Jenni L

1977 *Acta Trop* 34 (1) Mar 43-51 Wa
Trypanosoma congolense, cyclically transmitted strain and its cloned derivatives, investigation of antigenic variation indicates possible antigenic heterogeneity of extruded metacyclic forms

Immunity, Antigenic variation

Seed JR; Bogucki MS; Merritt SC

1980 *Ohio State Univ Biosc Colloq* (5) 131-143 Wm; Wa

trypanosomes, interactions between cell surface and immunoglobulins (host serum components, variant specific antibody), trypanosomes appear to have evolved at least 2 distinct mechanisms for escaping host's immune response, review

Immunity, Antigenic variation

Shapiro SZ; Young JR

1981 *J Biol Chem* 256 (4) Feb 25 1495-1498 Wm
Trypanosoma brucei, messenger RNA encoding variable surface antigen, new immunochemical method for purification

Immunity, Antigenic variation

Snary D

1980 *Exper Parasitol* 49 (1) Feb 68-77 Wa
Trypanosoma cruzi, antigenic invariance of cell surface glycoprotein

Immunity, Antigenic variation

Strickler JE; Patton CL

1980 *Proc National Acad Sc* 77 (3) Mar 1529-1533 Wa

Trypanosoma brucei brucei, relatively simple medium that allows specific labeling of carbohydrate portion of glycoproteins, majority of label appears in variable surface coat glycoprotein, inhibitor studies using tunicamycin or cycloheximide

Immunity, Antigenic variation

Tanner M et al

1980 *Parasitology* 80 (2) Apr 383-391 Wa
Trypanosoma brucei isolated from lymph nodes vs. blood of rats, morphologic and antigenic differences

Immunity, Antigenic variation

Tetley L; Vickerman K; Moloo SK

1981 *Tr Roy Soc Trop Med and Hyg* 75 (3) 409-414 Wa

Trypanosoma vivax, trypomastigote metacyclic stage, attachment to wall of hypopharynx in *Glossina m. morsitans*, absence of surface coat, implications for mechanism of antigenic variation in this species and vaccination of cattle against it

Immunity, Antigenic variation

Turner M

1980 *Nature London* (5751) 284 Mar 6 13-14 Wa
 new evidence that antigenic variation in trypanosomes is controlled by genetic rearrangement, brief review

Immunity, Antigenic variation

Vervoort T; Magnus E; Van Meirvenne N

1978 *Ann Soc Belge Med Trop* 58 (3) Sept 177-183 Wa

Trypanosoma brucei gambiense, humans, diagnosis, enzyme-linked immunosorbent assay using variable antigen type of *T. b. brucei*, no cross-reactions with other parasitic infections

Immunity, Antigenic variation

Voorheis HP; Martin BR

1980 *European J Biochem* 113 (1) Dec 15 223-227 Wm

Trypanosoma brucei, 'swell dialysis' demonstrates that adenylate cyclase is regulated by calcium ions, physiological function of calcium activation of adenylate cyclase not established but possible role in change of surface coat in bloodstream forms should be considered

Immunity, Antigenic variation

Wery M et al

1979 *Ann Soc Belge Med Trop* 59 (4) Dec 347-360 Wa

Plasmodium berghei berghei, successive waves of parasitaemia separated by subpatent periods observed in mice infected after immunization with *P. berghei* Anka parent lines or with clones derived from it, these recrudescences possibly caused by antigenic variants, suggests that acquired protective immunity (premunition) may not have the same efficiency against successive parasite populations occurring in the same animal, no difference could be demonstrated by immunofluorescence in the antigenicity of the different lines or clones used for immunization

Immunity, Antigenic variation

Wery M; Timperman G

1979 *Ann Soc Belge Med Trop* 59 (4) Dec 361-369 Wa

Plasmodium berghei cloned and uncloned lines, antigenic characterization of 4 recrudescences of parasitaemia using cross protection experiments in immunized mice, homologous challenges induced lower parasitaemia than did heterologous, antigenic variation may be responsible for intergroup differences which were higher than those between individual mice

Immunity, Antigenic variation

Williams RO et al

1980 *Am J Trop Med and Hyg* 29 (5 pt 2) Sept 1037-1042 Wa

Trypanosoma brucei, analyses of variable antigen gene rearrangements

Immunity, Antigens [See also Immunity, Antigenic variation]

Immunity, Antigens

Abioye AA
1977 African J Med and Med Sc 6 (3) Sept 119-123
Wm
Entamoeba histolytica (Ibadan strain), evaluation of the absorption spectra of antigens using ultraviolet absorption spectroscopy

Immunity, Antigens

Abrahamsohn IA; Kloetzel JK
1980 Parasitology 80 (1) Feb 147-152 Wa
Trypanosoma cruzi, presence of parasite antigen on surface of both infected and uninfected cells in tissue culture after completion of first intracellular cycle and rupture of infected cells

Immunity, Antigens

Aikawa M et al
1981 J Immunol 126 (6) June 2494-2495 Wm
Plasmodium berghei, protective antigen of sporozoites is a differentiation antigen

Immunity, Antigens

Ali-Khan Z; Siboo R
1981 Exper Parasitol 51 (2) Apr 159-168 Wa
Echinococcus multilocularis, distribution of antigenic determinants and specific host immunoglobulins on cyst membranes, possible significance of bound antibody in complement activation and antibody-dependent cell-mediated cytotoxicity of proliferative phase of alveolar hydatid cyst

Immunity, Antigens

Araujo FG; Remington JS
1981 J Immunol 127 (3) Sept 855-859 Wm
Trypanosoma cruzi, characterization of stages and strains by analysis of cell membrane components by electrophoresis and immunoprecipitation

Immunity, Antigens

Avraham H et al
1981 Tr Roy Soc Trop Med and Hyg 75 (3) 421-425
Wa
Plasmodium falciparum, assay of antigens and antibodies by means of solid phase radioimmunoassay with radioiodinated staphylococcal protein A

Immunity, Antigens

Basso B; Moretti ER; Dominguez M
1980 Medicina Buenos Aires 40 (4) July-Aug 428-432 Wm
Trypanosoma cruzi, culture in a monophasic medium with aeration to obtain antigens, recommended for good yields with high homogeneity of harvested material simply obtained

Immunity, Antigens

Bawden MP et al
1979 Bull World Health Organ 57 suppl 1 205-209
Wa
Plasmodium berghei, rats, mice, vaccination with irradiated sporozoites, serological evaluation of the antigen and of antibody responses using indirect fluorescent antibody test

Immunity, Antigens

Ben-Ismael R et al
1979 Compt Rend Acad Sc Paris 289 s D Sc Nat (16) Dec 17 1323-1324 Wm
Fasciola hepatica antigenic extracts of bovine and ovine origin, detection of substances with Lewis blood group activity, first report of such specificities other than in the human body

Immunity, Antigens

Ben-Ismael R et al
1980 Am J Trop Med and Hyg 29 (2) Mar 239-245
Wa
Echinococcus granulosus, Fasciola hepatica, P1 antigen sharing may be responsible for hydatid indirect hemagglutination test cross-reactivity in P1-negative individuals

Immunity, Antigens

Berman JD; Dwyer DM
1981 Clin and Exper Immunol 44 (2) May 342-348
Wa
Leishmania donovani, L. tropica, expression of amastigote antigen(s) on surface membrane of infected human monocyte-derived macrophages in vitro

Immunity, Antigens

Bordjochki A et al
1979 Bull Acad Vet France 132 n s 52 (3) Oct 423-427 Wa
Sarcocystis tenella, sarcocystin from infected sheep inoculated into rabbits, toxic and antigenic properties, high temperatures diminished these properties

Immunity, Antigens

Bos HJ; Leijendekker WJ; van den Fijk AA
1980 Exper Parasitol 50 (3) Dec 342-348 Wa
Entamoeba histolytica, analysis of cytotoxic antigen fraction, serum effects on contact-dependent and toxin-induced lysis of hamster kidney cell monolayers

Immunity, Antigens

Brackett RG et al
1979 Bull World Health Organ 57 suppl 1 33-36
Wa
Plasmodium falciparum, in vitro propagation for merozoite antigens with yields sufficient for experimental vaccine studies

Immunity, Antigens

Brener Z
1980 Advances Parasitol 18 247-292 Wa
Trypanosoma cruzi, human, immunity, extensive review: antigenic constitution; natural immunity; humoral immune response (immunoglobulins; role of antibodies in host resistance; spleen and host resistance; complement; interferon); cell-mediated immune response (tests in vitro; delayed hypersensitivity; CMI and resistance; cytotoxicity mechanisms; macrophages); effects of immunosuppressors in Chagas' disease; immunodepression in course of Chagas' disease; evasion of immune response; auto-immune reactions; vaccination

Immunity, Antigens

Bronzina AA; D'Alessandro A; Segura EL
1980 Medicina Buenos Aires 40 Suppl (1) 45-49
Wm
Trypanosoma rangeli, T. cruzi, antigenic differences and similarities

Immunity, Antigens

Brown KN et al
1980 Bull World Health Organ 58 (3) 449-457 Wa
Plasmodium berghei-infected rats, humoral autoimmune responses to developing reticulocytes, significant levels of cold IgM and IgG isohaemagglutinins detected in serum, infected reticulocytes more sensitive than uninfected cells, results indicate that presence of parasite resulted in exposure of membrane isoantigens normally masked

- Immunity, Antigens
Calderon J; Munoz ML; Acosta HM
1980 J Exper Med 151 (1) Jan 1 184-193 Wa
Entamoeba spp., surface redistribution and release of antibody-induced caps
- Immunity, Antigens
Capron M et al
1980 Parasite Immunol 2 (3) Autumn 223-235 Wa
Schistosoma mansoni, humans (from Burundi and Brazil), Erythrocebus patas, inverse relationship between cytotoxic antibodies and circulating schistosome antigens, probable transfer of cytotoxic antibodies from mother to child through placenta, possible mechanisms for inhibitory role of circulating immune complexes on complement-dependent cytotoxic activity
- Immunity, Antigens
Carlier Y et al
1980 Am J Trop Med and Hyg 29 (1) Jan 74-81 Wa
Schistosoma mansoni-infected African parturients, their uninfected newborn children, infected men, and infected non-pregnant women, evaluation of circulating soluble antigens (CSA) by sandwich radioimmunoassay, of circulating antibodies (CAB) by indirect hemagglutination, and of immune complexes (CIC) by Clq binding test, results indicate probable transplacental transfer of CSA from mother to fetus and possible modulation of CSA level by specific CAB and CIC formation
- Immunity, Antigens
Carlier Y; et al
1980 J Immunol 124 (5) May 2442-2450 Wm
Schistosoma mansoni, circulating M antigen, purification, chemical composition, physicochemical characteristics, antigenic properties, localization within worm
- Immunity, Antigens
Carlier Y; Bout D; Capron A
1980 Tr Roy Soc Trop Med and Hyg 74 (4) 534-538 Wa
Schistosoma mansoni-infected Mesocricetus auratus, detection of M antigen in circulating immune complexes and in kidneys, possible role in aetiology of glomerulonephritis
- Immunity, Antigens
Carosi G et al
1980 Boll Ist Sieroterap Milanese 59 (1) Mar 31 25-30 Wa
Toxoplasma gondii, immuno-electron microscopic localization of antigenic sites for specific IgG and IgM on parasite surface, possible practical application
- Immunity, Antigens
Carter CE; Colley DG
1981 Molec Immunol 18 (3) Mar 219-225 Wa
Schistosoma japonicum, soluble egg antigens, separation by Con A chromatography and immunoaffinity purification
- Immunity, Antigens
Chandanani RE et al
1981 Indian J Med Research 73 Suppl Jan 41-44 Wa
Plasmodium knowlesi antigen evaluated for serodiagnosis of human malarias with indirect haemagglutination test, more sensitive tests will be needed with this antigen
- Immunity, Antigens
Chandra R et al
1978 Indian J Med Research 68 July 61-66 Wa
Wuchereria bancrofti, subjects from endemic vs. non-endemic area, diagnosis by skin test, comparison of Brugia malayi infective larval whole worm antigen vs. homologous W. bancrofti larval antigen, no cross reactions with helminth infections
- Immunity, Antigens
Chatterjee RK et al
1978 Indian J Med Research 67 Jan 34-41 Wa
Chandlerella hawkingi, antiserum raised in rabbits, precipitating and complement-fixing antibodies, antigenic mosaic, cross reactions with Litomosoides carinii and Wuchereria bancrofti, possibility of using avian filarial antigens in diagnosis of human filariasis
- Immunity, Antigens
Chaves J et al
1979 Rev Inst Med Trop S Paulo 21 (2) Mar-Apr 77-81 Wa
Trypanosoma cruzi-infected mice, identification of parasite antigens in circulating immune complexes
- Immunity, Antigens
Chebyshev NV et al
1981 Ontogenez 12 (2) 203-206 Wa
Ascaris suum, demonstration of specific antigen in larvae and in cavity fluid of adults
- Immunity, Antigens
Chen ZR et al
1980 Chinese Med J 93 (1) Jan 31-35 Wm
Plasmodium knowlesi, P. falciparum, cultivation in vitro by continuous transfer technique, possible basis for extended cultivation and preparation of parasite antigens
- Immunity, Antigens
Chernin J
1981 J Helminth 55 (3) Sept 209-222 Wa
Taenia crassiceps in males and females of several different strains of rats, host growth curves, volume, antigenicity, and size of metacystodes
- Immunity, Antigens
Chinery WA
1981 J Parasitol 67 (1) Feb 15-19 Wa
Haemaphysalis spinigera, Rhipicephalus s. sanguineus, skin reaction after intracutaneous injection of salivary gland extract into sensitized and nonsensitized rabbits, indicates that ticks' saliva contains pharmacodynamic substance (closely related to histamine) in addition to having antigenic properties
- Immunity, Antigens
Coelho PMZ; Gazzinelli G; Pellegrino J
1980 Parasitology 81 (2) Oct 349-354 Wa
Schistosoma mansoni, host antigen occurrence on worms recovered from variety of laboratory vertebrate animals
- Immunity, Antigens
Collins WE et al
1980 Am J Trop Med and Hyg 29 (6) Nov 1220-1222 Wa
Onchocerca volvulus, human, indirect fluorescent antibody test using fixed-tissue sections of adult worms as antigen, antibody responses in relation to host age, sex, presence or absence of microfilariae, and microfilarial density, application in epidemiological studies appears limited until level of false negative responses is markedly reduced: Guatemala

- Immunity, Antigens
Conley FK; Jenkins KA
1981 Infect and Immun 31 (3) Mar 1184-1192 Wa
Toxoplasma gondii, immunohistological study of anatomic relationship of parasite antigens to inflammatory response in brains of chronically infected mice, use of peroxidase-antiperoxidase staining technique
- Immunity, Antigens
Constantinescu G; Capraru T
1980 Arch Roumaines Path Exper et Microbiol 39 (1) Jan-Mar 41-47 Wa
Trichinella spiralis, diagnosis, micro precipitation test performed on human and animal sera, comparison of frozen, lyophilized, and live antigen
- Immunity, Antigens
Contreras CE et al
1980 Clin and Exper Immunol 42 (3) Dec 403-411 Wa
Plasmodium berghei in 5 strains of mice, immunopathological aspects: course of infection, detection of soluble malarial antigens, serum-specific antibody levels, circulating immune complexes, serum C3-levels, infection of nude mice
- Immunity, Antigens
Court JP; Storey DM
1981 Tropenmed u Parasitol 32 (3) Sept 161-164 Wa
Litomosoides carinii, host or host-like antigens are present on adults and microfilariae from Sigmodon hispidus and Mastomys natalensis
- Immunity, Antigens
Craig PS et al
1981 Parasitology 83 (2) Oct 303-317 Wa
Echinococcus granulosus, sheep, murine hybridoma-derived antibodies in processing of antigens for immunodiagnosis
- Immunity, Antigens
Craig PS; Rickard MD
1980 Ztschr Parasitenk 61 (3) 287-297 Wa
Taenia saginata, use of 'crude' antigen in micro-enzyme-linked immunosorbent assay for diagnosis of T. saginata cysticercosis in cattle (nat. and exper.), cross-reactions with sera from cattle harbouring other common parasites particularly Fasciola hepatica
- Immunity, Antigens
Craig PS; Rickard MD
1981 Internat J Parasitol 11 (6) Dec 441-449 Wa
larval cestode infections of cattle and sheep, attempt at specific immunodiagnosis using antigens purified by affinity chromatography in enzyme-linked immunosorbent assay
- Immunity, Antigens
Crane MSJ; Dvorak JA
1980 Science (4440) 208 Apr 11 194-196 Wa
Trypanosoma cruzi, fusion between epimastigote stage and 2 different mammalian cell types, production of hybrids that express parasite-specific antigen
- Immunity, Antigens
Daher VR; Krettli AU
[1981] J Protozool 27 (4) Nov 1980 440-442 Issued Mar 11 Wa
Plasmodium gallinaceum, infectivity for chicks of oocyst sporozoites isolated on different days after Aedes fluviatilis had fed on infected birds, comparison with infectivity of salivary-gland sporozoites isolated from same group of mosquitoes; antigenicity of oocyst and salivary-gland sporozoites is similar
- Immunity, Antigens
Dasgupta A; Shukal Bala
1978 Indian J Med Research 67 Jan 30-33 Wa
Litomosoides carinii, naturally infected rats may carry soluble antigen in their circulation, parasite can exert immunosuppressive effect in rats with high level of microfilariae in peripheral blood
- Immunity, Antigens
Deans JA; Cohen S
1979 Bull World Health Organ 57 suppl 1 93-100 Wa
Plasmodium knowlesi, localization and chemical characterization of schizont antigens, insight into types of preparative procedure appropriate for purification of functionally important malarial antigens
- Immunity, Antigens
Deas JE; Adler KA; Wilson LA
1981 Am J Trop Med and Hyg 30 (3) May 544-554 Wa
Plasmodium berghei, effect on membranes of murine erythrocytes, biochemical and immunological analyses, quantitative but not qualitative changes in membrane proteins and glycoproteins, no antigenic changes detected
- Immunity, Antigens
Deelder AM
1979 Acta Leidensia 47 65-70 Wa
Schistosoma mansoni, isolation of egg antigen and its application in enzyme-linked immunosorbent assay
- Immunity, Antigens
Deelder AM et al
1980 Am J Trop Med and Hyg 29 (3) May 401-410 Wa
Schistosoma mansoni, children vs. adults, applicability of 7 different antigen preparations in enzyme-linked immunosorbent assay: Surinam
- Immunity, Antigens
Deelder AM et al
1980 Exper Parasitol 50 (1) Aug 16-32 Wa
Schistosoma mansoni, 2 circulating polysaccharide antigens: characterization, immunological responses in mouse, hamster, and human infections, involvement in production of specific antibodies and in circulating antigen-antibody complexes, fate in body of host
- Immunity, Antigens
Deelder AM; Dozy MH
1980 Acta Leidensia 48 17-22 Wa
Schistosoma mansoni, applicability of sol particle immunoassay (sandwich immunoassay using colloidal gold-labeled immunoglobulins) for detection of circulating antigens
- Immunity, Antigens
Deelder AM; Kornelis D
1980 Ztschr Parasitenk 64 (1) 65-75 Wa
Schistosoma mansoni, immunofluorescent antibody reaction and enzyme-linked immunosorbent assay compared for demonstration of antibodies against schistosome gut-associated polysaccharide antigens
- Immunity, Antigens
Deelder AM; Kornelis D
1981 Trop and Geogr Med 33 (1) Mar 36-41 Wa
Schistosoma mansoni, humans, immunodiagnosis of recently acquired infection, comparison of various immunological techniques

- Immunity, Antigens
Delachambre D
1980 Ann Parasitol 55 (1) Jan-Feb 1-11 Wa
Trichomonas vaginalis, antigenic analysis of 2 clones from same strain before and after prolonged in vitro cultivation, previous reports of antigenic variation should be questioned
- Immunity, Antigens
Demaree RS jr; Hillyer GV
1981 Am J Trop Med and Hyg 30 (2) Mar 402-405 Wa
Schistosoma mansoni, immunoperoxidase localization by electron microscopy of soluble egg antigen and human IgG in circumoval precipitin reactions around eggs
- Immunity, Antigens
Desgeorges PT et al
1980 Ann Biol Clin 38 (6) 361-363 Wm
Toxoplasma gondii, fractionation and study of exo-antigens using electrophoresis in gradient of polyacrylamide gel combined with Elisa test (modified Gedelisa test)
- Immunity, Antigens
Despommier DD
1981 Parasite Immunol 3 (3) Autumn 261-272 Wm
Trichinella spiralis, protection-inducing antigens from muscle larva, partial purification and characterization by molecular sizing chromatography and preparative flatbed isoelectric focusing
- Immunity, Antigens
Despommier DD; Laccetti A
1981 Exper Parasitol 51 (2) Apr 279-295 Wa
Trichinella spiralis, proteins and antigens isolated from large-particle fraction derived from muscle larva, characterization using variety of standard chemical and immunological procedures, ability to induce protection in mice
- Immunity, Antigens
Despommier DD; Laccetti A
1981 J Parasitol 67 (3) June 332-339 Wa
Trichinella spiralis, partial characterization of antigens isolated by immuno-affinity chromatography from large-particle fraction of muscle larvae, protection of mice by immunizing with different fractions
- Immunity, Antigens
Diffley P et al
1980 J Parasitol 66 (2) Apr 185-191 Wa
Trypanosoma brucei brucei, rats, mice, detection and quantification of variant specific antigen in plasma, results extend observation that salivarian trypanosomes shed surface coat material during course of infection
- Immunity, Antigens
Dissanayake S; Ismail MM
1980 Bull World Health Organ 58 (4) 649-654 Wa
Setaria digitata antigens, characterization, cross-reaction with surface antigens of Wuchereria bancrofti microfilariae and serum antibodies of W. bancrofti-infected subjects demonstrated with inhibition of indirect immunofluorescence and enzyme-linked immunosorbent assay technique respectively
- Immunity, Antigens
Dissanayake S; Ismail MM
1980 Bull World Health Organ 58 (4) 655-657 Wa
Wuchereria bancrofti infection in man, diagnosis using enzyme-linked immunosorbent assay with Setaria digitata as antigen, immune sera from cattle infected with S. digitata can be used to selectively block cross reactions with serum antibodies in subjects who show no evidence of W. bancrofti infection
- Immunity, Antigens
Dissous C; Dissous C; Capron A
1981 Molec and Biochem Parasitol 3 (4) Aug 215-225 Wa
Schistosoma mansoni, isolation and characterization of surface antigens from schistosomula
- Immunity, Antigens
Dunne DW et al
1981 Tr Roy Soc Trop Med and Hyg 75 (1) 54-71 Wa
Schistosoma mansoni, identification and partial purification of egg antigen (ω_1) which induces in normal mice synthesis of precipitating antibodies capable of preventing development of hepatotoxic reaction and of enhancing egg excretion in heavily infected T-cell deprived recipient mice
- Immunity, Antigens
Dwyer DM
1981 Biochem Parasites (Slutzky) 9-28 Wa
Leishmania donovani, isolated pellicular membrane preparations, structural, chemical, and antigenic properties
- Immunity, Antigens
Dwyer DM; D'Alessandro PA
1980 J Parasitol 66 (3) June 377-389 Wa
Trypanosoma lewisi bloodstream forms, pellicular membrane-microtubule complexes, isolation and characterization
- Immunity, Antigens
Eggett MJ; Tappenden L; Brown KN
1979 Bull World Health Organ 57 suppl 1 109-113 Wa
Plasmodium knowlesi, synthesis of polypeptides in cell-free system, analysis of products of this system both before and after precipitation with specific antiserum
- Immunity, Antigens
El-On J; Bradley DJ; Freeman JC
1980 Exper Parasitol 49 (2) Apr 167-174 Wa
Leishmania donovani, action of excreted factor on hydrolytic enzyme activity of macrophages from mice with genetically different resistance to infection, implications for mechanism whereby leishmanial amastigotes survive in mononuclear phagocytes in presence of lysosomal enzymes
- Immunity, Antigens
Epstein N et al
1981 J Immunol 127 (1) July 212-217 Wm
Plasmodium knowlesi, monoclonal antibodies against specific surface determinant on merozoites block erythrocyte invasion
- Immunity, Antigens
Espada J et al
1978 Rev Asoc Argent Microbiol 10 (2) May-Aug 54-60 Wm
Ancylostoma duodenale, isolation and purification of antigens using affinity chromatography
- Immunity, Antigens
Faria R
1980 Rev Paul Med 96 (1-2) July-Aug 33-36 Wm
Trypanosoma cruzi, diagnostic screening of potential blood donors using the complement fixation test and antigen stabilized against enzymatic hydrolytic denaturation and bacterial contamination, potentially more efficient and accurate test

Immunity, Antigens

Fisher WF; Wilson GI
1977 J Med Entom 14 (2) Nov 25 146-151 Wa
Psoroptes ovis infested- and uninfested-cattle,
precipitating antibodies in sera demonstrated
by agar-gel diffusion when tested against P.
ovis and P. cuniculi extracts, agar-gel diffu-
sion tests on sera of cattle infested with
other arthropods compared

Immunity, Antigens

Fletcher TC; White A; Baldo BA
1980 Parasite Immunol 2 (4) Winter 237-248 Wa
Bothriocephalus scorpii, antigenic determinants
reactive with C-reactive protein (CRP) and with
antiserum to phosphorylcholine, this C sub-
stance causes skin reaction when injected into
Scophthalmus maximus, no evidence for CRP being
toxic to worms, possibility that worms exploit
host CRP for their own survival

Immunity, Antigens

Flisser A; Woodhouse E; Larralde C
1980 Clin and Exper Immunol 39 (1) Jan 27-37 Wa
Cysticercus cellulosae, human, evaluation of
immunoelectrophoresis as diagnostic tool (about
50% non-responders), cysticercus antigens recog-
nized by man, human immunoglobulins among
anti-cysticercus antibodies

Immunity, Antigens

Forsyth KP et al
1981 Acta Trop 38 (3) Sept 329-342 Wa
Onchocerca gibsoni, identification of radio-
iodinated cuticular proteins and antigens of
microfilariae

Immunity, Antigens

Forsyth KP et al
1981 Acta Trop 38 (3) Sept 343-352 Wa
Onchocerca gibsoni, major radioiodinated cuti-
cular antigens of microfilariae are neither
species nor Onchocerca specific, implications
for potential of microfilarial cuticular anti-
gens for immunodiagnosis of human filariasis

Immunity, Antigens

Freeman RR; Trejdosiewicz AJ; Cross GAM
1980 Nature London (5754) 284 Mar 27 366-368 Wm
Plasmodium yoelii, monoclonal antibodies recog-
nizing stage-specific merozoite antigens were
protective in passive transfer experiments

Immunity, Antigens

Fujisaki K; Takeuchi S; Kitaoka S
1981 Eisei Dobutsu (Japan J San Zool) 32 (1)
Mar 15 1-6 Wa
Haemaphysalis longicornis, localization of an-
tigenic substances in tick organs using rabbit
antiserum in double gel-diffusion and indirect
immunofluorescence tests, no resistance de-
veloped in rabbits

Immunity, Antigens

Fujita K; Tsukidate S
1981 Immunology 42 (3) Mar 363-370 Wa
Dirofilaria immitis, preparation of highly
purified allergen, reaginic antibody formation
in different strains of mice

Immunity, Antigens

Gardiner PR; Jones TW; Cunningham I
1980 J Protozool 27 (3) Aug 316-320 Issued Oct 9
Wa
Trypanosoma brucei, in vitro-produced metacy-
clics and blood stream infections initiated by
them in mice, antigenic analysis by indirect
fluorescent antibody test

Immunity, Antigens

Ghadirian E; Meerovitch E; Hartmann DP
1980 Am J Trop Med and Hyg 29 (5 pt 1) Sept 779-
784 Wa
Entamoeba histolytica, hamsters, protection
against amebic liver abscess by immunization
with amebic antigen and some of its fractions,
splenomegaly found to accompany development of
abscesses (high degree of correlation between
weights of abscesses and of spleens), no corre-
lation between anti-amebic antibody titers and
gross pathology

Immunity, Antigens

Gomez Garcia V et al
1971 Rev Iber Parasitol 31 (3-4) July-Dec 383-
384 Wa
Echinococcus granulosus, ovine, cyst fluid,
demonstration of acid mucopolysaccharide with
antigenic properties

Immunity, Antigens

Gonzalez-Cappa SM et al
1980 Rev Inst Med Trop S Paulo 22 (6) Nov-Dec
275-280 Wm
Trypanosoma cruzi, several strains, activity
of immune sera on surface antigens

Immunity, Antigens

Gonzalez Cappa SM et al
[1981] J Protozool 27 (4) Nov 1980 467-471
Issued Mar 11 Wa
Trypanosoma cruzi, mice immunized with whole
homogenate or flagellar fraction, relation of
humoral antibody response to protection evalu-
ated by direct agglutination and indirect
fluorescent antibody test as well as by lytic
and neutralizing activity against blood trypano-
mastigotes, histopathology

Immunity, Antigens

Goodger BV et al
1980 Internat J Parasitol 10 (1) Feb 33-36 Wa
Babesia bovis, composition and location of
antigen associated with infected erythrocytes,
suggested that babesial enzyme-fibrinogen com-
plex contributes to pathological changes of
infection

Immunity, Antigens

Gorenflot A et al
1980 Ann Pharm Franc 38 (1) 3-6 Wa
Plasmodium berghei, mice, morphologically-al-
tered erythrocytes do not react differently
from healthy ones in agglutination reactions
with antisera against erythrocytes of healthy
or infected mice, morphological alterations
do not appear to be accompanied by modifica-
tions of erythrocyte antigenic properties

Immunity, Antigens

Goven BA; Dawe DL; Gratzek JB
1981 Develop and Comp Immunol 5 (2) Spring
283-289 Wa
Ichthyophthirius multifiliis, Tetrahymena py-
riformis, in vitro demonstration of serologi-
cal cross-reactivity (immobilization test,
indirect fluorescent antibody staining, pas-
sive hemagglutination), results indicate anti-
genic relationship

Immunity, Antigens

Greenblatt CL et al
1981 Lancet London (8218) 1 Feb 28 505-506 Wa
evidence to support hypothesis that leishmanial
parasites may utilize system of camouflage or
mimicry of host blood group antigens to evade
host defense mechanisms

- Immunity, Antigens
Grothaus GD; Kreier JP
1980 Infect and Immun 28 (1) Apr 245-253 Wa
Plasmodium berghei, isolation of soluble component which induces immunity in rats
- Immunity, Antigens
Guimaraes MCS; Milder RV
1980 Rev Inst Med Trop S Paulo 22 (4) July-Aug 173-179 Wm
Trypanosoma cruzi, immunochemical staining identified presence of 2 types of antigenic determinants on parasite membrane of culture forms, saline extraction removed receptors from parasite surfaces
- Immunity, Antigens
Gupta MM et al
1981 J Trop Med and Hyg 84 (4) Aug 165-170 Wa
Plasmodium falciparum prepared from in vitro continuous culture can be used as a source of antigen for use in the indirect haemagglutination and immunofluorescence antibody tests, applications for epidemiological evaluations and assessments
- Immunity, Antigens
Gwadz RW et al
1979 Bull World Health Organ 57 suppl 1 165-173 Wa
Plasmodium knowlesi, vaccination of rhesus monkeys with irradiated sporozoites, antibody response; P. berghei, P. knowlesi, characterization of surface antigens
- Immunity, Antigens
Handman E; Goding JW; Remington JS
1980 J Immunol 124 (6) June 2578-2583 Wm
Toxoplasma gondii, detection and characterization of membrane antigens
- Immunity, Antigens
Handman E; Mitchell GF; Goding JW
1981 J Immunol 126 (2) Feb 508-512 Wm
Leishmania tropica, identification and characterization of antigens, protein and immunoprecipitate patterns of 4 isolates analyzed by 2 dimensional gel electrophoresis, significance of findings for classification of Leishmania spp. and pathogenesis of different disease states that they cause
- Immunity, Antigens
Handman E; Remington JS
1980 Immunology 40 (4) Aug 579-588 Wa
Toxoplasma gondii, serological and immunochemical characterization of monoclonal antibodies against membrane or cytoplasmic antigens of tachyzoites
- Immunity, Antigens
Hanna REB
1980 Exper Parasitol 50 (2) Oct 155-170 Wa
Fasciola hepatica, immunofluorescent study of antigenic changes in tegument during development in rat and sheep
- Immunity, Antigens
Harrison LJS; Sewell MMH
1980 Vet Immunol and Immunopath 1 (4) Dec 361-369 Wa
Taenia saginata, antigenic activity of chromatographic fractions of saline extract of proglottides, haemagglutination inhibition and precipitation tests
- Immunity, Antigens
Harrison LJS; Sewell MMH
1981 Research Vet Sc 31 (1) July 62-64 Wa
Taenia saginata, cattle, comparison of T. saginata proglottid extract, T. saginata metacystode excretory/secretory products, and T. crassiceps metacystode extract for use as serodiagnostic antigens in enzyme linked immunosorbent assay; cross-reaction of T. saginata proglottid extract with sera from Ostertagia ostertagi infected cattle: Britain
- Immunity, Antigens
Hayasaki M
1981 Japan J Vet Sc 43 (1) Feb 21-26 Wa
Dirofilaria immitis, dogs, immunodiagnosis, indirect hemagglutination test using 4 antigen preparations
- Immunity, Antigens
Hayunga EG; Vannier WE; Chesnut RY
1981 J Parasitol 67 (4) Aug 589-591 Wa
Schistosoma haematobium, partial characterization of radiolabeled antigens, similarity to S. mansoni, S. japonicum, and Fasciola hepatica
- Immunity, Antigens
Higuchi S; Kawamura S; Yasuda Y
1979 Kitasato Arch Exper Med 52 (1-4) Dec 1-14 Wm
Theileria antigens, isolation, characterization, and fractionation, use with the passive hemagglutination test to diagnose infections in cattle
- Immunity, Antigens
Hillyer GV; Pelley RP
1980 Am J Trop Med and Hyg 29 (4) July 582-585 Wa
Schistosoma mansoni, monoclonal hybridoma antibody to major serological egg antigen (anti-MSA₁) reacted with schistosome eggs forming circumoval precipitate, precipitate was seen when anti-MSA₁ was incubated with S. mansoni, S. haematobium, and S. japonicum eggs
- Immunity, Antigens
Hillyer GV; Rivera Marrero C
1980 Am J Trop Med and Hyg 29 (6) Nov 1249-1253 Wa
Schistosoma mansoni, development of antiserum reactive with eggs by circumoval precipitin (COP) test, antigens and immunoglobulins involved in COP reaction
- Immunity, Antigens
Hillyer GV; Rodriguez Ramos JL
1980 J Parasitol 66 (1) Feb 38-41 Wa
Fasciola hepatica antigens, effect of detergents and acid buffer on reactivity
- Immunity, Antigens
Hillyer GV; Santiago de Weil N
1981 Internat J Parasitol 11 (1) Feb 71-78 Wa
Fasciola hepatica, mice, rats, rabbits, counterelectrophoresis useful for serodiagnosis and for predicting chemotherapeutic success; F. hepatica antigens cross react with antisera to S[chistosoma] mansoni adult worms or eggs
- Immunity, Antigens
Hommel M; David PH
1981 Infect and Immun 33 (1) July 275-284 Wa
Plasmodium knowlesi, variant antigens demonstrated on schizont-infected erythrocytes but not on merozoites; techniques used include purification of merozoites, use of hyperimmune rabbit sera instead of monkey sera, schizont-infected cell agglutination test, indirect immunofluorescence antibody test, and electron microscopy with ferritin-labeled antibodies

Immunity, Antigens

Hoshino-Shimizu S; Mineo JR; Camargo ME
1980 J Parasitol 66 (6) Dec 989-991 Issued May 6
1981 Wa
Toxoplasma gondii, tachyzoites purified from mouse peritoneal exudates using lectins to remove host cells, toxoplasmas so obtained were infective and served as sources of high quality antigens

Immunity, Antigens

Howard RJ et al
1980 J Protozool 27 (2) May 241-247 Issued July
17 Wa
Babesia bovis, comparison of surface proteins and glycoproteins on erythrocytes of calves before and during infection

Immunity, Antigens

Howard RJ; Chapman CB; Mitchell GF
1980 Austral J Exper Biol and Med Sc 58 (2)
Apr 201-205 Wa
Fasciola hepatica larvae, immunoglobulins are present at surface of living parasites obtained from intact, but not from nude, mice

Immunity, Antigens

Howard RJ; Smith PM; Mitchell GF
1980 Parasitology 81 (2) Oct 251-271 Wa
Babesia rodhaini-infected intact or hypothyemic BALB/c mice, characterization of surface protein and glycoproteins on red blood cells; considerations in radioisotope labelling

Immunity, Antigens

Howard RJ; Smith PM; Mitchell GF
1980 Parasitology 81 (2) Oct 273-298 Wa
Plasmodium berghei-infected intact or hypothyemic BALB/c mice, characterization of surface proteins and glycoproteins on red blood cells; considerations in radioisotope labelling

Immunity, Antigens

Howard RJ; Smith PM; Mitchell GF
1980 Parasitology 81 (2) Oct 299-314 Wa
Plasmodium yoelii-infected intact or hypothyemic BALB/c mice, characterization of surface proteins and glycoproteins on red blood cells; considerations in radioisotope labelling

Immunity, Antigens

Howell MJ
1981 Internat J Parasitol 11 (3) June 235-242
Wa
Fasciola hepatica, formation of hybrid cells between liver fluke cells and rat fibroblast cell line, hypoxanthine-guanine phosphoribosyl transferase activity in hybrids was of F. hepatica rather than rat origin, possible approach to production of helminth antigens in vitro

Immunity, Antigens

Hughes HPA
1981 Immunol Letters 3 (2) June 99-102 Wa
Toxoplasma gondii, characterization of circulating antigen

Immunity, Antigens

Hughes HPA; Balfour AH
1981 Parasite Immunol 3 (3) Autumn 235-248 Wm
Toxoplasma gondii, basic antigenic structure

Immunity, Antigens

Ishaq M; Padma MC
1980 Ann Trop Med and Parasitol 74 (3) June 373-375 Wa
Entamoeba histolytica, antigenic variations among virulent strains, antigenic relationships between the strains

Immunity, Antigens

Ito Y et al
1981 J Protozool 28 (3) Aug 313-316 Wa
Trypanosoma gambiense, micronemata, transmission and scanning electron microscopy with particular emphasis on membrane structure, fragmented micronemata may attach to various host tissues and act as antigens

Immunity, Antigens

James MA; Levy MG; Ristic M
1981 Infect and Immun 31 (1) Jan 358-361 Wa
Babesia bovis, culture-derived soluble antigens, isolation and partial characterization

Immunity, Antigens

Jenni L
1977 Acta Trop 34 (1) Mar 35-41 Wa
Trypanosoma brucei, modified infection and maintenance procedure for cyclical transmission which produced high mature infection rates in Glossina m. morsitans, different antigenic types of cyclically transmitted parasite strains and cloned derivatives

Immunity, Antigens

Jepsen S; Andersen BJ
1981 Acta Path et Microbiol Scand 89C (2) Apr 99-103 Wa
Plasmodium falciparum, immunoabsorbent isolation of soluble antigens from culture medium of in vitro cultivated parasites

Immunity, Antigens

Jepsen S; Axelsen NH
1980 Acta Path et Microbiol Scand 88C (5) Oct 263-270 Wa
Plasmodium falciparum, human, antigens and antibodies studied by immunoelectrophoretic methods

Immunity, Antigens

Kagan IG; Norman L
1979 Rev Iber Parasitol 39 (1-4) Jan-Dec 153-164
Wa
Echinococcus granulosus, E. multilocularis, human, diagnosis, evaluation of antigens using the indirect hemagglutination, double diffusion, and immunoelectrophoresis tests

Immunity, Antigens

Kaliraj P; Ghirnikar SN; Harinath BC
1981 Indian J Exper Biol 19 (3) Mar 287-288 Wa
Wuchereria bancrofti, rabbits, immune response to microfilarial antigen

Immunity, Antigens

Kawai K et al
1980 Nippon Ganka Gakkai Zasshi (Acta Soc Opthth Japon) 84 (9) Sept 10 1107-1112 Wm
Toxoplasma gondii, strain RH tachyzoites, assessment and characterization of membrane antigen, localization of membrane antigen in the tachyzoite by immunoelectronmicroscopy, practicability of quantitative antibody detection by fluoropolarimetry with the use of membrane antigen, suggests potential usefulness as diagnostic test

- Immunity, Antigens
Kemp WM; et al
1980 J Immunol 124 (2) Feb 806-811 Wm
Schistosoma mansoni, induced shedding of tegument-associated host immunoglobulins, results show parasite is capable of induced tegument-associated antigen turnover that is both rapid and selective
- Immunity, Antigens
Kharat I et al
1981 Indian J Exper Biol 19 (6) June 564-565 Wa
Wuchereria bancrofti, microfilarial exoantigen, detection, diagnostic utility in indirect haemagglutination test on human sera
- Immunity, Antigens
Khorsandi HO; Tabibi V
1978 Bull Soc Path Exot 71 (1) Jan-Feb 95-100 Wa
Echinococcus granulosus, comparative analysis (electrophoresis, immunoelectrophoresis, biochemical tests) of hydatid cyst fluid and human host sera revealed similarities in protein patterns
- Immunity, Antigens
Kien T; Toazara J; Himy-Dahan R
1979 Microbia 5 (3-4) 41-59 Wa
Toxoplasma gondii, comparison of morphology, pathogenicity, and antigenicity of RH Sabin strain grown in 3 different media
- Immunity, Antigens
Kilejian A
1980 J Exper Med 151 (6) June 1 1534-1538 Wa
homology between histidine-rich protein from Plasmodium lophurae and protein associated with knob-like protrusions on membranes of P. falciparum-infected erythrocytes, possible immunological cross-reactivity between these two proteins
- Immunity, Antigens
Kilejian A
1980 Proc National Acad Sc 77 (6) June 3695-3699 Wm
Plasmodium falciparum, establishment of highly synchronized cultures enabled identification of stage-specific proteins, glycoproteins, and antigens unique to schizonts and merozoites
- Immunity, Antigens
Kilejian A
1981 Exper Parasitol 52 (2) Oct 291 Wa
Plasmodium lophurae, immunogenicity of histidine-rich protein, response to McDonald, V.; et al., 1981, Exper. Parasitol., v. 51 (2), 195-203
- Immunity, Antigens
Kilejian A; Olson J
1979 Bull World Health Organ 57 suppl 1 101-107 Wa
Plasmodium falciparum, proteins and glycoproteins from infected erythrocytes (fractions enriched in membrane fragments with 'knobs' vs. fractions devoid of them)
- Immunity, Antigens
van Knapen F
1980 Brit Med J (6234) 281 July 19 195-196 Wa
Echinococcus granulosus, possible antigenic similarity between parasite and some malignancies, possible diagnostic significance
- Immunity, Antigens
Knopf PM et al
1979 Austral J Exper Biol and Med Sc 57 (6) 603-615 Wa
Plasmodium berghei, Babesia rodhaini, mice, incorporation of radioactive precursors into macromolecular products of red cells, analysis of biosynthetically labelled products by polyacrylamide gel electrophoresis; immunoprecipitation of biosynthetic products using P. berghei 'protective' or 'non-protective' mouse sera in attempt to identify 'host-protective antigens'
- Immunity, Antigens
Kohanteb J; Ardehali S; Rezai HR
1980 Tr Roy Soc Trop Med and Hyg 74 (5) 582-584 Wa
Leishmania spp. promastigotes, antigenic relationships determined using electroimmunodiffusion and crossed electroimmunodiffusion tests
- Immunity, Antigens
Kumar PS; Kumar R; Mohapatra LN
1978 Indian J Med Research 68 July 44-51 Wa
toxoplasmosis, serodiagnosis, purification of haemagglutination antigen
- Immunity, Antigens
Labastie MC et al
1981 Biochem and Biophys Research Commun 99 (2) Mar 31 729-736 Wa
Trypanosoma equiperdum, variant specific glycoproteins, cross reacting determinants and chemical studies
- Immunity, Antigens
Leaf JL; Strome CPA; Beaudoin RL
1979 Bull World Health Organ 57 suppl 1 87-91 Wa
Plasmodium berghei, low-temperature preservation of sporozoites, source of potential antigen in development of malaria vaccine
- Immunity, Antigens
Lefrancois G et al
1981 Lancet London (8248) 2 Sept 26 661-663 Wa
Plasmodium falciparum, Gabon natives with chronic infections, and anti-erythrocyte autoimmunisation with anti-I specificity, possible associated interaction between I antigen and Plasmodium which facilitates penetration of the erythrocytes by malarial parasites: France
- Immunity, Antigens
Lehner RP; Sewell MMH
1980 Parasite Immunol 2 (2) Summer 99-109 Wa
Fasciola hepatica, antigens produced by adult flukes maintained in vitro, reactions using sera from infected animals in immunodiffusion and enzyme linked immunosorbent assay
- Immunity, Antigens
Lloyd S
1981 Parasitology 83 (1) Aug 225-242 Wa
progress in immunization against parasitic helminths (immunization with irradiation-attenuated helminths, with helminth extracts, and with in vitro-produced metabolites, isolation and characterization of functional antigens, non-specific immunization, heterologous immunization, oral immunization)
- Immunity, Antigens
Lopetegui R; Sosa Miatello C; La Via MI
1980 Medicina Buenos Aires 40 Suppl (1) 91-96 Wm
Trypanosoma cruzi, ribosomal antigens from epimastigotes, decreased reactivity after treatment with pancreatic ribonuclease

Immunity, Antigens

Lopez-Brea M
1980 Tr Roy Soc Trop Med and Hyg 74 (2) 283-284
Wa
kala-azar, human, 3 cases, diagnosis and serological follow-up using Crithidia sp. as antigen in immunofluorescence test

Immunity, Antigens

McColm AA; Shakespeare PG; Trigg PI
1980 Parasitology 81 (1) Aug 177-198 Wa
Plasmodium knowlesi, analysis of proteins synthesized in vitro by erythrocytic stages

Immunity, Antigens

McColm AA; Trigg PI
1980 Parasitology 81 (1) Aug 199-209 Wa
Plasmodium knowlesi, release of radio-isotope labelled antigens during merozoite re-invasion in vitro

Immunity, Antigens

McColm AA; Trigg PI
1981 Ztschr Parasitenk 64 (3) 353-357 Wa
Plasmodium knowlesi, temperature sensitivity and variant specificity of antigens released in vitro and comparison with antigenic material released in vivo, double-diffusion analysis

Immunity, Antigens

McDonald V et al
1981 Exper Parasitol 51 (2) Apr 195-203 Wa
Plasmodium lophurae, immunization of Pekin ducklings with different antigen preparations

Immunity, Antigens

McLaren DJ
1980 Trop Med Research Studies Ser (1) 229 pp
Wm
Schistosoma mansoni, parasite surface in relation to host immunity, monograph

Immunity, Antigens

McLaren ML et al
1981 Tr Roy Soc Trop Med and Hyg 75 (1) 72-79
Wa
Schistosoma mansoni, human, serodiagnosis, enzyme-linked immunosorbent assay, enhanced sensitivity and specificity using fraction containing S. mansoni egg antigens ω_1 and α_1 (specificity of 100% with respect to non-schistosome infections and cases of avian cercarial dermatitis, 70% and 94% specificity with respect to S. japonicum and S. haematobium infections respectively)

Immunity, Antigens

Mahajan RC; Ganguly NK
1980 Tr Roy Soc Trop Med and Hyg 74 (3) 300-302
Wa
Entamoeba histolytica, human, liver abscess, immunodiagnosis and prognosis, detection of amebic antigen in liver pus/biopsy specimens and serum by counter-immunoelectrophoresis, correlation between amebic antigen positivity and indirect haemagglutination seropositivity, possible role of amebic antigen in immune complex formation and pathogenesis

Immunity, Antigens

Matthyssens G et al
1981 Nature London (5829) 293 Sept 17-23 230-233 Wa
Trypanosoma brucei, two variant surface glycoproteins have conserved C-terminus

Immunity, Antigens

Mauras G et al
1981 Ann Immunol 132C (2) Mar-Apr 219-230 Wa
Toxoplasma gondii, isolation of membrane antigens using latex microspheres

Immunity, Antigens

Mehta K; Subrahmanyam D; Sindhu RK
1981 Acta Trop 38 (3) Sept 319-324 Wa
Litomosoides carinii, rats, efficacy of homologues of different parasite developmental stages in conferring immunity to challenge infection

Immunity, Antigens

Mesfin GM; Bellamy JEC
1980 Vet Parasitol 7 (2) Sept 87-93 Wa
Eimeria falciformis var. pragensis, immunogenicity of different life-cycle stages evaluated with indirect fluorescent antibody reaction

Immunity, Antigens

Miller LH et al
1980 J Exper Med 151 (4) Apr 1 790-798 Wa
determinants on surface proteins of Plasmodium knowlesi merozoites common to P. falciparum schizonts

Immunity, Antigens

Miremad-Gassmann M
1981 Acta Trop 38 (2) June 137-147 Wa
Moniliformis moniliformis, antigenic analysis of metabolic and somatic antigens, localization of antigens, IgG antibody response in primary infections and reinfections in Rattus norvegicus, modification of antigens during infection, worm expulsion (after 4 weeks in female hosts and 8 weeks in male hosts), resistance to reinfection

Immunity, Antigens

Mitchell GBB; Armour J
1980 Research Vet Sc 29 (3) Nov 373-377 Wa
Taenia saginata, failure to protect calves using antigens prepared from in vitro cultivation of larval stage

Immunity, Antigens

Mrema JEK et al
1979 Bull World Health Organ 57 suppl 1 63-68
Wa
Plasmodium falciparum, harvest of merozoites from continuous culture, implications for development of human malaria vaccine

Immunity, Antigens

Mukerji K et al
1980 Indian J Exper Biol 18 (8) Aug 905-906 Wa
Ascaris lumbricoides var. hominis, trichloroacetic acid soluble fraction of body wall extract used in intradermal test for immunodiagnosis of human ascariasis

Immunity, Antigens

Murray M et al
1979 Acta Trop 36 (4) Dec 297-322 Wa
Nippostrongylus brasiliensis, rats, immunization with killed adult worm antigen, parameters which influence level of protection (use of adjuvant; dose of antigen; number of doses and interval between them; route of administration)

Immunity, Antigens

Nantulya VM; Doyle JJ
1977 Acta Trop 34 (4) Dec 313-320 Wa
Trypanosoma brucei, variant specific surface antigens, stabilization and preservation of antigenic specificity by mild fixation techniques

Immunity, Antigens

Naot Y; Remington JS
1981 J Immunol Methods 43 (3) June 30 333-341
Wm

Toxoplasma gondii, use of enzyme-linked immunosorbent assays (IgM and IgG sandwich ELISA and IgM and IgG double sandwich ELISA) for detection of monoclonal antibodies to various *T. gondii* antigens

Immunity, Antigens

Nardin E; Gwadz RW; Nussenzweig RS
1979 Bull World Health Organ 57 suppl 1 211-217
Wa

Plasmodium spp., characterization of sporozoite surface antigens by immunofluorescence, detection of stage- and species-specific antimalarial antibodies

Immunity, Antigens

Nash TE; Lunde MN; Cheever AW
1981 J Immunol 126 (2) Feb 805-810 Wm

Schistosoma mansoni, analysis and antigenic activity of carbohydrate fraction derived from adult worms, ELISA, radioimmunoassay, relationship of antibody response to length and intensity of infection

Immunity, Antigens

Ngu JL et al
1981 Acta Trop 38 (3) Sept 261-266 Wa
Onchocerca volvulus, method for selective recovery of living microfilariae from nodules, determination of optimal conditions for their culture in vitro for production of excretory/secretory products

Immunity, Antigens

Ngu JL et al
1981 Tropenmed u Parasitol 32 (3) Sept 165-170
Wa

Onchocerca volvulus, human, diagnostic skin test, excretory/secretory products of microfilariae from nodules used as antigen, low incidence of positive reactions in patients with *Loa loa* or *Ascaris*, same subjects skin tested with *Ascaris lumbricoides* somatic antigen also

Immunity, Antigens

Niederhorn JY; Shaddock JA; Weidner E
1980 J Parasitol 66 (4) Aug 675-677 Wa
Microsporidia spp., antigenic cross-reactivity among spores as determined by immunofluorescence

Immunity, Antigens

Nogueira N et al
1981 J Exper Med 153 (3) Mar 1 629-639 Wa
Trypanosoma cruzi, surface antigens of blood and culture forms, both major surface components were presumably glycoproteins, one component thought to be responsible for anti-phagocytic properties of blood-form trypomastigotes

Immunity, Antigens

Nussenzweig R
1980 Internat J Nuclear Med and Biol 7 (2) 89-96
Wa
malaria, use of radiation-attenuated sporozoites in immunoprophylaxis, review

Immunity, Antigens

Nuti M; Elmi Abdullhai S; Thamer G
1978 Parassitologia 20 (1-3) Dec 153-159 Wa
Schistosoma haematobium patients, prevalence of hepatitis B surface antigen (HBsAg), e antigen, anti-HBs antibodies, and anti-e antibodies, relationship not resolved: Somalia

Immunity, Antigens

O'Donnell IJ; Mitchell GF
1980 Internat Arch Allergy and Applied Immunol 61 (2) 213-219 Wa
Ascaris lumbricoides (var. suum), investigation of antigens using radioimmunoassay and sera of naturally infected humans with particular emphasis on antigens which induce and bind IgG antibodies

Immunity, Antigens

Olenick JG; Travis RW; Garson S
1981 Molec and Biochem Parasitol 3 (4) Aug 227-238 Wa
Trypanosoma rhodesiense, variant-specific surface coat glycoproteins, chemical and immunological characterization

Immunity, Antigens

Osaki H; Furuya M; Oka M
1979 Zentralbl Bakteriol 1 Abt Orig Reihe A 245 (1-2) Oct 254-261 Wa
Trypanosoma gambiense, immunogenicity and property of antigens obtained from infected mouse blood, resistance of immunized mice against challenge infections

Immunity, Antigens

Owhashi M; Ishii A
1981 Internat Arch Allergy and Applied Immunol 64 (2) 146-156 Wa
Schistosoma japonicum, allergens extracted from eggs, fractionation and characterization

Immunity, Antigens

Parish CR et al
1979 Infect and Immun 26 (2) Nov 422-426 Wm
different murine infections (including *Plasmodium berghei* and *P. yoelii*), ability to modify existing serum levels of carbohydrate-defined Ia antigens

Immunity, Antigens

Pays E et al
1980 Nucleic Acids Research 8 (24) Dec 20 5965-5981 Wm
Trypanosoma brucei brucei, cloning and characterization of DNA sequences complementary to messenger ribonucleic acids coding for synthesis of two variant specific surface antigens

Immunity, Antigens

Pays E; Lheureux M; Steinert M
1981 Nature London (5820) 292 July 16 265-267 Wm
Trypanosoma brucei brucei, the expression-linked copy of surface antigen gene is probably the one transcribed

Immunity, Antigens

Pearson TW et al
1981 J Immunol 126 (3) Mar 823-828 Wm
Trypanosoma brucei, variable surface antigens, studies using two-dimensional gel electrophoresis and monoclonal antibodies, possible explanation for role of variable antigens in pathogenesis of African trypanosomiasis

Immunity, Antigens

Perrin LH et al
1980 Clin and Exper Immunol 41 (1) July 91-96
Plasmodium falciparum, characterization of defined antigens by monoclonal antibodies, indirect immunofluorescence can be used to check specificity of hybrid products in this system

Immunity, Antigens

- Ferrin LH; Dayal R; Rieder H
1981 Tr Roy Soc Trop Med and Hyg 75 (1) 163-165
Wa
Plasmodium falciparum, characterization of antigens present in various erythrocytic developmental stages which are recognized by sera of individuals with varying degrees of immunity

Immunity, Antigens

- Pery P et al
1979 Ann Immunol 130C (6) Nov-Dec 879-888 Wa
Nippostrongylus brasiliensis, rats, primary infection, anti-phosphorylcholine antibodies in serum and in mucosal extracts, location of phosphorylcholine antigens in different parasite developmental stages

Immunity, Antigens

- Pery P et al
1979 Ann Immunol 130C (6) Nov-Dec 889-900 Wa
Nippostrongylus brasiliensis, phosphorylcholine antigens from adult worms, isolation and partial characterization

Immunity, Antigens

- Petit A; Pery P; Luffau G
1980 Molec Immunol 17 (11) Nov 1341-1349 Wa
Nippostrongylus brasiliensis, allergen fraction isolated from in vitro culture fluids, improved purification process and some properties

Immunity, Antigens

- Philipp M et al
1981 J Exper Med 154 (1) July 1 210-215 Wa
Trichinella spiralis, rats, primary serum antibody response to stage-specific surface antigens, these antigens could be targets for stage-specific antibody-dependent eosinophil-mediated destruction of this parasite

Immunity, Antigens

- Pinder M; Hewett RS
1980 J Immunol 124 (2) Feb 1000-1001 Wm
Theileria parva parva, T. p. lawrencei, monoclonal antibodies detect antigenic diversity between strains

Immunity, Antigens

- Piras MM; de Rodriguez OO; Piras R
1981 Exper Parasitol 51 (1) Feb 59-73 Wa
Trypanosoma cruzi, preparation of pure flagella from epimastigotes, fractionation into axonemes and flagellar membranes, identification of antigens present in both subfractions that react with human chagasic sera

Immunity, Antigens

- Pizzi P, T
1979 Rev Med Chile 107 (2) Feb 180-181 Wm
parasitic infections, antigenic characteristics of parasites, immune responses of hosts, behavior of parasites in evading host immune responses, general review

Immunity, Antigens

- Pokorny J et al
1979 J Hyg Epidemiol Microbiol and Immunol 23 (3) 353-356 Wa
Toxoplasma gondii, tween-ether antigen compared with frozen and thawed as well as commercial antigens for diagnosis of toxoplasmosis in human sera, complement fixation and Sabin-Feldman tests

Immunity, Antigens

- Potocnjak P et al
1980 J Exper Med 151 (6) June 1 1504-1513 Wa
Plasmodium berghei, monoclonal antibodies to sporozoite surface antigen and monovalent fragments of this antibody, effects on sporozoites in vitro (neutralizing assay; circumsporozoite precipitation reaction), protective effects in vivo (mice)

Immunity, Antigens

- Prakash D et al
1980 Indian Pediatr 17 (7) July 619-623 Wm
Ascaris lumbricoides var. hominis, diagnostic value of purified human antigen investigated as skin test in children, possible use in epidemiology surveys, and as verification of other test methods: India

Immunity, Antigens

- Rahman KM; Summers WA
1979 Bangladesh Med Research Council Bull 5 (1) June 29-37 Wm
Toxocara canis adults, antigenic analysis and differentiation from Ascaris suum adults using the agar gel double diffusion technique and its modifications

Immunity, Antigens

- Rahman KM; Summers WA
1979 Bangladesh Med Research Council Bull 5 (1) June 38-45 Wm
Toxocara canis, Ascaris suum, larvae, serological differentiation using the intergel absorption test, antigens extracted from embryonated eggs of both worms reacted with anti-Toxocara larval serum but could not absorb all the specific antibodies in the test

Immunity, Antigens

- Rajasekariah GR; Rickard MD; Mitchell GF
1980 Internat J Parasitol 10 (4) Aug 315-324 Wa
Taenia taeniaeformis, mice, immunization using various antigens prepared from eggs, oncospheres, developing larvae, and strobilocerci, effect of route of administration of antigen and of no adjuvant vs. various adjuvant preparations

Immunity, Antigens

- Rajasekariah GR; Rickard MD; Mitchell GF
1980 J Parasitol 66 (2) Apr 355-356 Wa
Taenia pisiformis, separation of hatched and activated oncospheres from embryophoric debris using density-gradient centrifugation methods to avoid contamination in antigen preparations

Immunity, Antigens

- Rangel HA et al
1981 Exper Parasitol 52 (2) Oct 199-209 Wa
Trypanosoma cruzi, isolation and characterization of proteinase

Immunity, Antigens

- Rangel HA et al
1981 Tropenmed u Parasitol 32 (2) June 87-92 Wa
Trypanosoma cruzi, isolation and characterization of proteinase common to epimastigote, trypomastigote, and amastigote forms of different strains, induction of antibodies by proteinase

Immunity, Antigens

Rao YVBC et al
1980 Indian J Med Research 72 July 47-52 Wa
Wuchereria bancrofti, Litomosoides carinii, demonstration of shared antigens, countercurrent immunoelectrophoresis and indirect haemagglutination tests, agglutinating of *L. carinii* microfilariae by sera from filarial patients due to IgM antibodies

Immunity, Antigens

Rassam MB; Al-Mudhaffar SA
1981 Ann Trop Med and Parasitol 75 (2) Apr 145-155 Wa
Leishmania donovani, soluble cytoplasmic antigens, biochemical and immunological characterization

Immunity, Antigens

Rathore HS; Sangahvi PK; Johri GN
1980 Indian J Med Sc 34 (12) Dec 309 Wm
Nematospiroides dubius, excretory and secretory products, cytotoxicity to Allium bulbs in vitro, possible implications with respect to changes produced by *N. dubius* larvae in mouse tissues

Immunity, Antigens

Reinwald E; Rautenberg P; Risse HJ
1981 Biochim et Biophys Acta 668 (1) Mar 27 119-131 Wm
Trypanosoma congolense, purification of variant antigens, new approach to isolation of glycoproteins

Immunity, Antigens

Repka D et al
1979 Rev Brasil Biol 39 (3) Aug 721-733 Wa
Trypanosoma cruzi epimastigote forms, immunological study of lysates

Immunity, Antigens

Repka D et al
1980 Tropenmed u Parasitol 31 (2) June 239-246 Wa
Trypanosoma cruzi, surface antigenic determinant of epimastigote forms common to trypomastigote and amastigote forms of different strains

Immunity, Antigens

Rhoads ML
1981 J Biol Chem 256 (17) Sept 10 9316-9321 Wa
Stephanurus dentatus, cholinesterase activity (compared with Oesophagostomum radiatum and Nippostrongylus brasiliensis), tissue localization, isolation of secretory cholinesterase from excretory gland cells, purification, characterization (biochemical, kinetic, and antigenic properties), sex dependence

Immunity, Antigens

Rickard MD; Arundel JH; Adolph AJ
1981 Research Vet Sc 30 (1) Jan 104-108 Wa
Taenia saginata, calves, immunization, preliminary field trial using antigens collected during in vitro cultivation of *T. saginata* or *T. hydatigena* oncospheres

Immunity, Antigens

Rickard MD; Brumley JL
1981 Research Vet Sc 30 (1) Jan 99-103 Wa
Taenia saginata, calves, immunization using antigens collected by in vitro incubation of *T. saginata* oncospheres or ultrasonic disintegration of *T. saginata* and *T. hydatigena* oncospheres

Immunity, Antigens

Rifaat MA et al
1975 Ain Shams Med J 26 (2) Mar 173-179 Wm
Schistosoma haematobium, human, immunodiagnosis, skin testing using Fasciola gigantica antigens isolated by salting out and by DEAE-cellulose column chromatography

Immunity, Antigens

Rifaat MA; Nabila HM; Abdel Aal TM
1975 Ain Shams Med J 26 (4) July 491-493 Wm
Wuchereria bancrofti, evidence of antigenic substance in urine of patients with microfilariaemia, possible use in diagnosis of filariasis by intradermal test

Immunity, Antigens

Robson J et al
1981 Trop Animal Health and Prod 13 (1) Feb 1-11 Wa
Theileria parva, *T. mutans*, cattle continually exposed to natural infection, parasitological and serological response, indirect fluorescent antibody test, *T. parva* cell culture schizont antigen more reliable and specific than piroplasm antigen: Uganda

Immunity, Antigens

Rodriguez Osorio M; Gomez Garcia V; Campos Bueno M
1977 Rev Iber Parasitol 37 (1-2) Jan-June 81-85 Wa
Trichinella spiralis antigen of cuticular origin exhibits some cross reaction with Salmonella typhi and *S. paratyphi* when used in the indirect fluorescent antibody test

Immunity, Antigens

Rotmans JP et al
1981 Exper Parasitol 52 (2) Oct 171-182 Wa
Schistosoma mansoni, excretory and secretory antigens obtained by in vitro cultivation, characterization by immunoelectrophoresis

Immunity, Antigens

Rotmans JP; Mooij GW
1980 Tr Roy Soc Trop Med and Hyg 74 (4) 463-468 Wa
Schistosoma mansoni, separation of adult worm antigen fractions, use in defined antigen substrate spheres system and enzyme-linked immunosorbent assay with serum from schistosomiasis patients, cross-reactivity with serum from patients with other helminth infections

Immunity, Antigens

Rubiolo ER; Vottero-Cima E
1980 Medicina Buenos Aires 40 Suppl (1) 115-120 Wm
Trypanosoma cruzi, epimastigotes, fractionation of crude extract into polysaccharide and protein bands, detection of antigenic activity

Immunity, Antigens

Rubiolo ER; Vottero-Cima E; Rovai L
1980 Medicina Buenos Aires 40 Suppl (1) 127-131 Wm
Trypanosoma cruzi, antigenic analysis using counterimmunoelectrophoresis

Immunity, Antigens

Samuelson JC; Sher A; Caulfield JP
1980 J Immunol 124 (4) Apr 2055-2057 Wm
Schistosoma mansoni, newly transformed schistosomula spontaneously lose surface antigens and C3 acceptor sites during culture

- Immunity, Antigens
Sanchez Ibarrola A et al
1981 Am J Med 70 (2) Feb 311-315 Wa
Echinococcus granulosus, woman with hepatic hydatid cyst and nephrotic syndrome, renal biopsy tissue studied by light and electron microscopy and by immunofluorescence, documentation of role of hydatid antigen in the pathogenesis of glomerulonephritis
- Immunity, Antigens
Sandeman RM; Howell MJ
1981 Vet Parasitol 9 (1) Oct 35-46 Wa
Fasciola hepatica, sheep, primary and challenge infections, precipitating antibodies against excretory/secretory antigens of various developmental stages
- Immunity, Antigens
Santoro F et al
1980 Clin and Exper Immunol 42 (2) Nov 219-225 Wa
Schistosoma mansoni, human, circulating antigens, circulating immune complexes, and C3d levels, relationship with schistosome egg output
- Immunity, Antigens
Santoro F et al
1980 Immunol Letters 2 (1) Aug 43-46 Wm
Schistosoma mansoni, anticomplementary antigens, detection in schistosomula and adult worms
- Immunity, Antigens
Santoro F et al
1981 Am J Trop Med and Hyg 30 (5) Sept 1020-1025 Wa
Schistosoma mansoni, human, correlation between circulating antigens detected by radio-immunoprecipitation-polyethylene glycol assay and Clq-binding immune complexes
- Immunity, Antigens
dos Santos RR; Hudson L
1980 Parasite Immunol 2 (1) Spring 1-10 Wa
Trypanosoma cruzi, binding of parasite antigens to membranes of infected and uninfected mammalian cells
- Immunity, Antigens
Sawhney S et al
1980 Tr Roy Soc Trop Med and Hyg 74 (1) 26-29 Wa
axenic Entamoeba histolytica antigen, fractionation and chemical analysis, haemagglutinating and precipitating activity
- Immunity, Antigens
Scarpin M et al
1980 Rev Inst Med Trop S Paulo 22 (4) July-Aug 164-172 Wm
Schistosoma mansoni, rabbits immunized with saline extract of adult worms were totally or partially resistant to challenge infection; physico-chemical characterization of extract
- Immunity, Antigens
Schiller EL; D'Antonio R; Figueroa Marroquin H
1980 Am J Trop Med and Hyg 29 (6) Nov 1215-1219 Wa
Onchocerca volvulus, human, diagnosis, intradermal reactivity of excretory and secretory products of O. volvulus and O. gutturosa microfilariae, some cross-reactivity in humans and dogs with other filarial infections but not in dogs with Dirofilaria immitis
- Immunity, Antigens
Schlaeppli B; Jenni L
1977 Acta Trop 34 (1) Mar 43-51 Wa
Trypanosoma congolense, cyclically transmitted strain and its cloned derivatives, investigation of antigenic variation indicates possible antigenic heterogeneity of extruded metacyclic forms
- Immunity, Antigens
Schmidt-Ullrich R; Wallach DFH; Lightholder J
1979 Bull World Health Organ 57 suppl 1 115-121 Wa
Plasmodium knowlesi, fractionation of schizonts and of parasite-induced rhesus monkey erythrocyte membrane antigens, review
- Immunity, Antigens
Schmidt-Ullrich R; Wallach DFH; Lightholder J
1980 Cell Biol Internat Rep 4 (6) June 555-561 Wa
Plasmodium knowlesi, metabolic labelling of parasite-specific glycoproteins in membranes of parasitized rhesus monkey erythrocytes
- Immunity, Antigens
Schmunis GA et al
1980 Exper Parasitol 50 (1) Aug 90-102 Wa
Trypanosoma cruzi, antibody-induced mobility of surface antigens
- Immunity, Antigens
Scientific Working Group on the Immunology of Malaria
1981 Bull World Health Organ 59 (3) 371-381 Wa
Plasmodium spp., antigenic structure and related aspects of biology (production of monoclonal antibodies, cultivation techniques, antigen production for vaccine development and immunodiagnosis), review of current situation
- Immunity, Antigens
Sells PG; Burton M
1981 Tr Roy Soc Trop Med and Hyg 75 (3) 461-468 Wa
Leishmania, identification of amastigotes and their antigens in formalin-fixed tissue by immunoperoxidase indirect sandwich method
- Immunity, Antigens
Semprevivo LH; Honigberg BM
1980 Ztschr Parasitenk 62 (3) 201-211 Wa
Leishmania donovani promastigotes, isolation and characterization of exometabolites
- Immunity, Antigens
Shamsuddin N; Chaicumpa W; Atthasishtha N
1980 Southeast Asian J Trop Med and Pub Health 11 (4) Dec 461-467 Wa
Brugia malayi-infected human sera, diagnosis, evaluation of passive hemagglutination test using adult Dirofilaria immitis antigen, preparation of antigen
- Immunity, Antigens
Sher A; Moser G
1981 Am J Path 102 (1) Jan 121-126 Wa
Schistosoma, immunologic properties of developing schistosomula, evidence suggests that evasion of host immune response involves multiple overlapping mechanisms (development of refractory tegument, permanent loss of surface antigens, masking of parasite antigens by host molecules, and possibly decrease in immunogenicity), symposium presentation

- Immunity, Antigens
Sherman IW
1981 Exper Parasitol 52 (2) Oct 292-295 Wa
Plasmodium lophurae, immunogenicity of histidine rich protein, response to Kilejian, A., 1981, Exper. Parasitol., v. 52 (2), 291
- Immunity, Antigens
Shirley MW; Hoyle SR
1981 J Parasitol 67 (4) Aug 587-588 Wa
Eimeria maxima, chickens, antigenicity of parasite populations obtained from commercial farms, cross-immunity tests, results suggest that E. maxima does not normally undergo major changes in its antigenic composition and that a coccidiosis vaccine consisting of suitable number of strains could prove effective in individual houses over long period of time
- Immunity, Antigens
Siddiqui WA et al
1979 Bull World Health Organ 57 suppl 1 75-82 Wa
Plasmodium falciparum, in vitro production and partial purification of antigen (merozoite-enriched segmenter stage)
- Immunity, Antigens
Snary D
1980 Exper Parasitol 49 (1) Feb 68-77 Wa
Trypanosoma cruzi, antigenic invariance of cell surface glycoprotein
- Immunity, Antigens
Snary D et al
1981 Molec and Biochem Parasitol 3 (6) Oct 343-356 Wa
Trypanosoma cruzi, cell surface antigens, use of monoclonal antibodies to identify and isolate epimastigote-specific glycoprotein
- Immunity, Antigens
Snary D; Smith MA; Clegg JA
1980 European J Immunol 10 (7) July 573-575 Wa
Schistosoma mansoni, surface proteins (antigens) and their expression during morphogenesis
- Immunity, Antigens
Sogandares-Bernal F et al
1981 J Parasitol 67 (4) Aug 591-592 Wa
Mesocoestoides corti tetrathyridia in Macaca fascicularis (omentum, liver, peritoneal cavity) (exper.), 500-fold increase in parasite burden in splenectomized vs. intact host, detection of circulating antigens in serum
- Immunity, Antigens
Soule C; Remond M; Chevrier L
1979 Rec Med Vet 155 (11) Nov 889-894 Wa
Cysticercus bovis, analysis of substances produced in vitro, specific antigen demonstrated
- Immunity, Antigens
de Souza MCM; Mizuta K; Ikemoto H
1980 Rev Inst Med Trop S Paulo 22 (4) July-Aug 184-191 Wm
Herpetomonas samuelpessoai, extraction, purification, and characterization of exoantigen capable of immunizing mice challenged with Trypanosoma cruzi
- Immunity, Antigens
Spencer HC et al
1981 Am J Trop Med and Hyg 30 (2) Mar 358-363 Wa
Brugia malayi- and B. pahangi-infected Meriones unguiculatus, antibody response to heterologous and homologous antigens as measured by enzyme-linked immunosorbent assay, effect of fractionation of B. malayi antigen on sensitivity and specificity of test
- Immunity, Antigens
Spooner RL; Brown CGD
1980 Parasite Immunol 2 (3) Autumn 163-174 Wa
Theileria parva, T. annulata, bovine lymphocyte antigens of bovine lymphocytes and derived lymphoblastoid lines transformed by parasites, implications of results as they relate to use of these cell lines in immunizing cattle
- Immunity, Antigens
Stahr BJ; Walzer PD; Yoneda K
1981 J Parasitol 67 (2) Apr 196-203 Wa
Pneumocystis carinii, effects of trypsin vs. pronase on morphology and antigenic properties of cyst form, light and transmission electron microscopy, immunofluorescence, data suggest that antigenic determinants of cysts reside in cell walls
- Immunity, Antigens
St Charles MHC; Frank D; Tanner CE
1981 Immunology 43 (3) July 441-445 Wm
Trypanosoma lewisi, depressed response of spleen cells from infected rats in producing secondary response in vitro to sheep erythrocytes, ability of soluble products of trypanosome to induce this depression
- Immunity, Antigens
Stein PC; Basch PF
[1980] J Parasitol 65 (6) Dec 1979 862-869 Issued Apr 2 Wa
Biomphalaria glabrata embryo cell-line antigens ineffective as antischistosomal vaccine in mice
- Immunity, Antigens
Strickler JE; Patton CL
1980 Proc National Acad Sc 77 (3) Mar 1529-1533 Wa
Trypanosoma brucei brucei, relatively simple medium that allows specific labeling of carbohydrate portion of glycoproteins, majority of label appears in variable surface coat glycoprotein, inhibitor studies using tunicamycin or cycloheximide
- Immunity, Antigens
Su KE
1980 Bull Inst Zool Acad Sinica 19 (2) July 41-55 Wa
Trichomonas vaginalis, 5 strains, antigenic composition and relationships analyzed by immunoelectrophoresis
- Immunity, Antigens
Takahashi Y; Yamada K; Sherman IW
1980 Exper Parasitol 50 (2) Oct 201-211 Wa
Plasmodium lophurae, antibody-induced movement and capping of surface membranes of erythrocyte-free malarial parasites

- Immunity, Antigens
Tandon A et al
1980 Indian J Exper Biol 18 (7) July 679-681 Wa
Litomosoides carinii, fractionation and characterization of antigens, antibody responses to separated fractions in albino rats having patent and latent infections (precipitating and agglutinating antibody response, response in skin tests)
- Immunity, Antigens
Tandon A et al
1981 Indian J Med Research 73 Suppl Jan 93-96 Wa
human bancroftian filariasis, immunodiagnosis, ELISA test using Litomosoides carinii and Setaria cervi as antigens, promising results
- Immunity, Antigens
Tassi C et al
1981 Internat J Parasitol 11 (1) Feb 85-88 Wa
Echinococcus granulosus, human hydatid disease, diagnosis by indirect haemoagglutination reaction with various antigens from hydatid fluid and scoleces
- Immunity, Antigens
Taylor DW et al
1981 Infect and Immun 32 (2) May 563-570 Wa
Plasmodium yoelii, monoclonal antibodies to stage-specific, species-specific, and cross-reactive (with Plasmodium spp. and Babesia microti, but not Toxoplasma gondii) antigens, specificity and location of plasmodial antigens determined by indirect fluorescent antibody analysis
- Immunity, Antigens
Taylor DW; Hayunga EG; Vannier WE
1981 Molec and Biochem Parasitol 3 (3) July 157-168 Wa
Schistosoma mansoni schistosomula, identification of 8 surface proteins, 3 of these proteins (one of which is glycosylated) can be precipitated by immune serum
- Immunity, Antigens
Techasoponmani R; Sirisinha S
1980 Parasitology 80 (3) June 457-469 Wa
Angiostrongylus cantonensis, rats, mice, immunization with excretory and secretory products from adult female worms, development of protective immunity, effect on worm development, immunological and biochemical characterization of antigen
- Immunity, Antigens
Tendler M; Scapin M
1979 Rev Inst Med Trop S Paulo 21 (6) Nov-Dec 293-296 Wm
Schistosoma mansoni, immunochemical properties (evaluated by immunoprecipitation methods) of antigens present in saline solution in which adult worms were stored
- Immunity, Antigens
Thammapalerd N; Tharavanij S
1980 Southeast Asian J Trop Med and Pub Health 11 (3) Sept 378-383 Wa
Entamoeba histolytica, purification of specific antigen using affinity chromatography and agarose gel electrophoresis
- Immunity, Antigens
Thong YH et al
1980 Tr Roy Soc Trop Med and Hyg 74 (5) 570-576 Wa
Naegleria fowleri, mice, immunization with live amoebae, amoebic lysate, and culture supernatant, protective antigens are located mainly in high molecular weight fraction of culture supernatant
- Immunity, Antigens
Tsang VCW; Tao Y; Maddison SE
1981 J Parasitol 67 (3) June 340-350 Wa
Schistosoma mansoni, urea-soluble egg antigens, systematic fractionation, evaluation of activities and cross-reactivities by single-tube kinetic-dependent enzyme-linked immunosorbent assay
- Immunity, Antigens
Tuomi J; Tanskanen R
1980 Acta Vet Scand 21 (4) 699-701 Wa
Eperythrozoon wenyonii, E. tuomii, antigenic non-relationship demonstrated by immunofluorescent method
- Immunity, Antigens
Turner KJ; Fisher EH; McWilliam AS
1980 Austral J Exper Biol and Med Sc 58 (3) June 249-257 Wa
Ascaris lumbricoides, A. suum, Necator americanus, homology between antigens detected by human IgE antibodies, radioallergosorbent test (RAST), inhibition of RAST, and isoelectric focusing on polyacrylamide gels
- Immunity, Antigens
Van Egmond JG; Deelder AM; Daha MR
1981 Exper Parasitol 51 (2) Apr 188-194 Wa
Schistosoma mansoni, ability of antigens prepared from adult worms and eggs to activate complement in normal human serum in absence of anti-schistosome antibodies
- Immunity, Antigens
Van Marck EAE; Deelder AM; Gigase PLJ
1981 Exper Parasitol 52 (1) Aug 62-68 Wa
Schistosoma mansoni, mice with unisexual infections, circulating anodic antigen detected in glomeruli accompanied by deposits of immunoglobulin and complement, probably represents antigen part of immune complexes, circulating anodic antigen appears to be major candidate among antigens involved in schistosomal glomerulopathy
- Immunity, Antigens
Van Marck EAE; Vervoort T
1980 Tr Roy Soc Trop Med and Hyg 74 (5) 666-667 Wa
Trypanosoma brucei brucei, mice vaccinated with purified variable antigen, detection of immunoglobulins, C3 fraction of complement, and trypanosome antigen in glomeruli, trypanosomal antigen is most probably deposited in immune complex form
- Immunity, Antigens
Vinayak VK; et al
1980 Tr Roy Soc Trop Med and Hyg 74 (4) 483-487 Wa
Entamoeba histolytica, guinea-pigs, protective effects of crude and chromatographic fractions of axenic amoebic antigen, antibody response (indirect haemagglutination, counter-current immunoelectrophoresis)

Immunity, Antigens

Vincent HM; Wilson RJM
1980 Tr Roy Soc Trop Med and Hyg 74 (4) 452-455
Wa

Plasmodium knowlesi, malarial surface antigen remains bound to washed membranes extracted from infected erythrocytes, estimation of number of high affinity antigen sites exposed on external surface of infected erythrocytes

Immunity, Antigens

Viyanaant V
1981 Southeast Asian J Trop Med and Pub Health 12 (2) June 194-199 Wa
Schistosoma mansoni, proteins from schistosomula stage divided into groups by molecular weight and used as antigens to immunize mice, animals immunized with 2 groups developed high degree of resistance

Immunity, Antigens

Weissberger H; Golenser J; Spira DT
1979 Bull World Health Organ 57 suppl 1 83 Wa
Plasmodium berghei, soluble antigens released in vitro from infected erythrocytes (1) induced specific transformation of nonadherent spleen lymphocytes of convalescent rats, (2) produced precipitation lines with antiplasmodial antibodies, and (3) immunized young rats against viable challenge

Immunity, Antigens

Weissberger H; Golenser J; Spira DT
1980 Exper Parasitol 50 (1) Aug 136-143 Wa
Plasmodium berghei, specific stimulation of rat lymphocytes by soluble antigens released in vitro from infected erythrocytes

Immunity, Antigens

Welch JS; Dobson C
1981 Tr Roy Soc Trop Med and Hyg 75 (1) 5-14 Wa
parasitic diseases, immunodiagnosis, utility of in vitro lymphocyte proliferative responsiveness with particular reference to sensitivity and specificity using antigens purified by affinity chromatography, comparison with 3 immunofluorescence tests

Immunity, Antigens

Weller PF; Ottesen EA; Heck L
1980 Am J Trop Med and Hyg 29 (5 pt 1) Sept 809-814 Wa

Wuchereria bancrofti, human, immediate and delayed hypersensitivity skin test responses to Dirofilaria immitis filarial skin test (Sawada) antigen, findings document limitations of this antigen preparation in immunodiagnosis of filariasis in residents of an endemic area: Mauke, Cook Islands

Immunity, Antigens

Wery M et al
1979 Ann Soc Belge Med Trop 59 (4) Dec 347-360
Wa
Plasmodium berghei berghei, successive waves of parasitaemia separated by subpatent periods observed in mice infected after immunization with P. berghei Anka parent lines or with clones derived from it, these recrudescences possibly caused by antigenic variants, suggests that acquired protective immunity (premunition) may not have the same efficiency against successive parasite populations occurring in the same animal, no difference could be demonstrated by immunofluorescence in the antigenicity of the different lines or clones used for immunization

Immunity, Antigens

Wery M; Timperman G
1979 Ann Soc Belge Med Trop 59 (4) Dec 361-369
Wa

Plasmodium berghei cloned and uncloned lines, antigenic characterization of 4 recrudescences of parasitaemia using cross protection experiments in immunized mice, homologous challenges induced lower parasitaemia than did heterologous, antigenic variation may be responsible for intergroup differences which were higher than those between individual mice

Immunity, Antigens

Wikel SK
1981 Am J Trop Med and Hyg 30 (1 pt 1) Jan 284-288 Wa
Dermacentor andersoni, guinea pigs, induction of host resistance to infestation with salivary gland antigen, potential for immunologic approach to vector control

Immunity, Antigens

Willadsen P
1980 Advances Parasitol 18 293-313 Wa
immunity to ticks, review: expression of immunity; nature of immunological response (antibody and complement; delayed hypersensitivity; immediate hypersensitivity; cellular reactions); artificial immunization and nature of tick antigens

Immunity, Antigens

Wilson RJM
1980 Nature London (5755) 284 Apr 3 451-452 Wa
Plasmodium falciparum, serotyping isolates using S-antigens as markers

Immunity, Antigens

Wilson RJM; Ling I
1979 Bull World Health Organ 57 suppl 1 123-133
Wa
Plasmodium falciparum, fractionation and characterization of antigens

Immunity, Antigens

Wu YJ; Foor WE
1980 J Parasitol 66 (3) June 439-447 Wa
Ascaris suum oocytes, ultrastructural and immunocytochemical changes during passage through oviduct, changes in surface membrane antigens

Immunity, Antigens

Wynne E; Slocombe JOD; Wilkie BN
1981 Canad J Comp Med 45 (3) July 259-265 Wa
Strongylus vulgaris larvae and adults, antigenic analyses of tissues and excretory and secretory products, some antigens in common with S. equinus

Immunity, Antigens

Yoshida N et al
1981 J Exper Med 154 (4) Oct 1 1225-1236 Wa
Plasmodium berghei, biosynthesis of Pb44 (protective antigen of sporozoites)

Immunity, Autoimmunity

Aikat BK et al
1979 Indian J Med Research 70 Oct 571-582 Wa
kala-azar, early and late stages, patients, haematological findings, bone marrow picture, presence of complement (C3) on red blood cells demonstrated using anti C3, autoimmune mechanisms may be involved in anemia

- Immunity, Autoimmunity
Aikat BK et al
1979 Indian J Med Research 70 Oct 583-591 Wa
kala-azar, humans, immunological responses:
Bihar
- Immunity, Autoimmunity
Allan D et al
1981 Parasite Immunol 3 (2) Summer 137-142 Wa
Echinococcus granulosus equinus, BALB/c mice
infected either by protoscolices or cyst-pas-
sage exhibit non-specific suppression that is
capable of causing marked and significant sup-
pression to sheep erythrocytes when their mes-
enteric lymph node cells are adoptively trans-
ferred but there is a significant decrease in
numbers of Thy-1 cells in these MLNC trans-
plants, possible function of Ly-2,3⁺ cells not
only as suppressor but as alloreactive cyto-
toxic cells discussed as possible autoimmune
explanation for longevity of parasite within
mouse model
- Immunity, Autoimmunity
Arnesen K; Nordstoga K
1977 Acta Opth 55 (4) Aug 641-651 Wm
Encephalitozoon cuniculi in Alopex lagopus,
cause of ocular vascular lesions of polyarter-
itis nodosa type and of cataracts, clinical
pathology, possibly autoimmune reaction:
Finland
- Immunity, Autoimmunity
Bany J et al
1980 Bull Acad Polon Sc Cl II s Sc Biol 28 (1-2)
105-110 Wa
Trichinella spiralis, T. pseudospiralis, mice,
lymphocytotoxicity of sera in course of infec-
tion
- Immunity, Autoimmunity
Brener Z
1980 Advances Parasitol 18 247-292 Wa
Trypanosoma cruzi, human, immunity, extensive
review: antigenic constitution; natural im-
munity; humoral immune response (immunoglobu-
lins; role of antibodies in host resistance;
spleen and host resistance; complement; in-
terferon); cell-mediated immune response
(tests in vitro; delayed hypersensitivity;
CMI and resistance; cytotoxicity mechanisms;
macrophages); effects of immunosuppressors in
Chagas' disease; immunodepression in course
of Chagas' disease; evasion of immune re-
sponse; auto-immune reactions; vaccination
- Immunity, Autoimmunity
Brown KN et al
1980 Bull World Health Organ 58 (3) 449-457 Wa
Plasmodium berghei-infected rats, humoral au-
toimmune responses to developing reticulocytes,
significant levels of cold IgM and IgG isohaem-
agglutinins detected in serum, infected reticu-
locytes more sensitive than uninfected cells,
results indicate that presence of parasite re-
sulted in exposure of membrane isoantigens
normally masked
- Immunity, Autoimmunity
Brown KN; Hills LA
1979 Bull World Health Organ 57 suppl 1 135-138
Wa
Plasmodium berghei, rats rendered anemic by
phenylhydrazine treatment at time of immuniza-
tion showed significantly greater protection
than rats given antigen alone or phenylhydra-
zine alone, this enhanced response could be
adoptively transferred with spleen cells, pos-
sibility that autoimmune responses to modified
red cell antigens might be involved in protec-
tive immunity to malaria
- Immunity, Autoimmunity
Brown KN; Hills LA
1981 Tropenmed u Parasitol 32 (2) June 67-72 Wa
Plasmodium berghei, protective immunity in mice
and rats is significantly enhanced by phenylhy-
drazine treatment, this effect generates memory,
can be transferred with spleen cells, and can
have both enhancing and suppressive action on
protective immune response in recipients, im-
plications for role of erythrocyte destruction
in protective immunity to malaria
- Immunity, Autoimmunity
Chung PR et al
1980 J Parasitol 66 (5) Oct 847-849 Wa
Plasmodium berghei-infected mice,
autocytotoxins against thymocytes
- Immunity, Autoimmunity
Clarkson AB jr; Mellow GH
1981 Science (4517) 214 Oct 9 186-188 Wa
Trypanosoma lewisi, serum of lactating rats
that have never been infected contains rheu-
matoid factor-like IgM which amplifies spe-
cific IgG response to parasite and accounts for
unusual resistance of previously uninfected
lactating rats and their suckling pups, similar
rheumatoid factor-like IgM induced late in
usual course of infection in nonlactating rats
amplifies earlier IgG response and terminates
infection, first description of rheumatoid fac-
tor (which is classified as autoimmune anti-
body) acting in protective manner, possible
implications for T. cruzi infection
- Immunity, Autoimmunity
Cunningham DS et al
1981 Exper Parasitol 51 (2) Apr 257-268 Wa
Trypanosoma cruzi in relatively resistant vs.
highly susceptible strain of mice, antibody re-
sponse to previously unencountered antigens,
autoantibody activity, proposed that T. cruzi-
associated antigens differentially affect B-
cell-responsive and -responding clones, unlik-
ely that nonspecific induction of immunoglobulin
synthesis is purely responsible for immunosup-
pressed condition of both susceptible and re-
sistant mice, immunopotentiating effect of T.
cruzi demonstrated in 2 ways, possible signifi-
cance of polyclonal activation in experimental
Chagas' disease
- Immunity, Autoimmunity
Desjeux P et al
1980 Am J Trop Med and Hyg 29 (2) Mar 195-198
Wa
cutaneous and mucocutaneous leishmaniasis, hu-
man, investigation of circulating immune com-
plexes (CIC), anti-IgG, anti-DNA, and anti-col-
lagen autoantibodies, data suggest association
between development of espundia (Leishmania b.
braziliensis) and appearance of CIC and anti-
IgG antibodies

Immunity, Autoimmunity

Facer CA

1980 Clin and Exper Immunol 39 (2) Feb 279-288

Wm

Plasmodium falciparum, Gambian children, association between direct Coombs antiglobulin positivity and malaria, antigen specificity of erythrocyte-bound IgG, mechanism of erythrocyte sensitization, results add to and confirm major role of immune complex formation in immunopathology of falciparum malaria

Immunity, Autoimmunity

Facer CA

1980 Clin and Exper Immunol 41 (1) July 81-90

Wa

Plasmodium falciparum, Gambian children, direct antiglobulin reactions, IgG subclass and Gm allotype distribution of red cell-bound IgG molecules, association with anemia

Immunity, Autoimmunity

Fischer E et al

1981 Clin and Exper Immunol 46 (1) Oct 89-97

1981 Clin and Exper Immunol 46 (1) Oct 89-97 Wa
Schistosoma mansoni-infected mice, autoantibodies and polyclonal non-specific B cell activation

Immunity, Autoimmunity

Goodger BV; Wright IG; Mahoney DF

1981 Austral J Exper Biol and Med Sc 59 (5) Oct 531-538

Wa

Babesia bovis, acutely infected cattle, pathophysiology, changes in conglutinin, immunoglobulin, complement C3, and fibronectin concentrations

Immunity, Autoimmunity

Greenwood BM; Whittle HC

1980 Tr Roy Soc Trop Med and Hyg 74 (6) 716-725

Wa

sleeping sickness, human, clinical features, laboratory abnormalities, pathological changes, speculations about pathogenesis with emphasis on immunopathology (immediate hypersensitivity, autoantibodies, immune complexes), hypothesis suggesting dominant role for B lymphocyte proliferation in pathogenesis, symposium presentation

Immunity, Autoimmunity

Hillyer GV; Rossy M

1980 Am J Trop Med and Hyg 29 (3) May 411-415

Wa

Schistosoma mansoni, mice, antibodies to DNA detected by enzyme-linked immunosorbent assay, suggestion that immune complexes are present in circulation by 9 and 11 weeks of infection

Immunity, Autoimmunity

Hoffmann R; Schmid DO; Hoffmann-Fezer G

1981 Vet Immunol and Immunopath 2 (2) Apr 111-119

Wa

Eperythrozoon suis, pigs, acquired autoimmune hemolytic anemia due to 'cold' antibodies

Immunity, Autoimmunity

Howard RJ; Day KP

1981 Exper Parasitol 51 (1) Feb 95-103

Wa

Plasmodium berghei-infected mouse blood, modification of surface membrane glycoprotein sialic acids on uninfected and infected red cells, possible implications with regard to anemia induced by malaria (new sialic acid antigen(s) may elicit binding of autoantibody)

Immunity, Autoimmunity

Jayawardena AN; Kemp JD

1979 Bull World Health Organ 57 suppl 1 255-259

Wa

Plasmodium yoelii and Babesia microti in CBA/N mice which carry X-linked recessive immunological defect, increased duration and severity of infections associated with markedly defective IgM antibody response to parasitized red cells and failure to produce autoantibodies to bromelain-treated mouse red blood cells

Immunity, Autoimmunity

Kawabata M et al

1981 Infect and Immun 32 (2) May 438-442

Wa

Schistosoma japonicum-infected mice, thymocytotoxic autoantibodies, induction may be consequence of polyclonal B-lymphocyte stimulation by infection

Immunity, Autoimmunity

Lefrancois G et al

1981 Lancet London (8248) 2 Sept 26 661-663

Wa

Plasmodium falciparum, Gabon natives with chronic infections, and anti-erythrocyte autoimmunisation with anti-I specificity, possible associated interaction between I antigen and Plasmodium which facilitates penetration of the erythrocytes by malarial parasites: France

Immunity, Autoimmunity

Mattern P et al

1980 Infect and Immun 28 (3) June 812-817

Wm

Trypanosoma equiperdum, T. gambiense, rabbits, anti-immunoglobulins, heterophil agglutinins, influence of therapy

Immunity, Autoimmunity

Mosca W; Plaja J

1981 J Clin Microbiol 14 (1) July 1-5

Wa

Trypanosoma cruzi, Chagasic patients, delayed hypersensitivity to heart antigens and to parasite antigens as measured by in vitro lymphocyte stimulation, relevance of findings to pathogenesis of Chagasic cardiomyopathy needs to be carefully assessed

Immunity, Autoimmunity

Ortiz-Ortiz L; et al

1980 J Immunol 124 (1) Jan 121-126

Wm

Trypanosoma cruzi, mice, polyclonal B lymphocyte activation, may be responsible for abnormalities in immunoglobulin synthesis and secretion, possible role in etiology of autoimmune disease

Immunity, Autoimmunity

Ozeretskovskaia NN et al

1979 Trop Dis Research Ser (1) 259-271

Wa

Echinococcus granulosus, E. multilocularis, patients with normal spleens vs. patients with enlarged spleens, clinical data, severity of disease, renal damage, serum immunoglobulin levels, total serum protein content and proteinogramme, phytohaemagglutinin skin test, levels of antibodies to DNA, specific anti-parasite antibodies, effect of prolonged treatment with mebendazole

Immunity, Autoimmunity

Paes RAP; Ueda M; Gordinho RS

1979 Rev Inst Adolfo Lutz 39 (2) Dec 121-125

Wa

[Schistosoma mansoni], Trypanosoma cruzi, human, examination of sera for anti-reticulin antibodies

- Immunity, Autoimmunity
Peralta JM et al
1981 Clin and Exper Immunol 45 (3) Sept 621-626
Wa
Trypanosoma cruzi-infected asymptomatic humans, leucocyte migration inhibition response to tissue antigens, correlation with tissue-reacting antibodies
- Immunity, Autoimmunity
Peralta JM et al
1981 Tr Roy Soc Trop Med and Hyg 75 (4) 568-569
Wa
Trypanosoma cruzi, human, close relationship between autoantibodies and chagasic infection but their presence does not appear to relate to severity of Chagas' heart disease
- Immunity, Autoimmunity
Poels LG et al
1980 Exper Parasitol 49 (1) Feb 97-105 Wa
Plasmodium berghei, mice, T cell-dependent autoimmunity
- Immunity, Autoimmunity
Poltera AA et al
1980 Clin and Exper Immunol 40 (3) June 496-507
Wa
Trypanosoma brucei brucei, successful induction of cerebral trypanosomiasis in ordinary laboratory mice, parasitaemia and serology, histopathology, immunohistology, electronmicroscopic studies, evolution of brain lesions after ethidium bromide treatment
- Immunity, Autoimmunity
Ribeiro dos Santos R; Hudson L
1981 Clin and Exper Immunol 44 (2) May 349-354
Wa
Trypanosoma cruzi, mice, data suggest that immunity to heart and neuronal antigens commonly detected in infected animals is result rather than cause of host cell destruction
- Immunity, Autoimmunity
Rickman WJ; Cox HW
1980 J Parasitol 66 (1) Feb 28-33 Wa
Trypanosoma brucei rhodesiense, rats, anemia, thrombocytopenia, and coagulopathy, association with antibodies against fibrinogen/fibrin-related products (anti-F), immunocoaglutinin, soluble immune complexes (of anti-F and fibrinogen/fibrin-related products), and lytic complement consumption
- Immunity, Autoimmunity
Rickman WJ; Cox HW; Thoongsuwan S
1981 J Parasitol 67 (2) Apr 159-163 Wa
Trypanosoma brucei rhodesiense, rats, interactions of immunocoaglutinin and immune complexes in cold autohemagglutination
- Immunity, Autoimmunity
Ronai Z; Avraham H; Sulitzeanu D
1981 J Parasitol 67 (3) June 351-354 Wa
Plasmodium berghei-infected rats, autoantibodies to red blood cells in sera
- Immunity, Autoimmunity
dos Santos RR; Hudson L
1980 Clin and Exper Immunol 40 (1) Apr 36-41 Wa
Trypanosoma cruzi, both antibodies and cells taken from mice 15 days after infection can kill parasite-modified mammalian cells in vitro, lymphocytes taken at 60 days can kill unmodified syngeneic cells in vitro
- Immunity, Autoimmunity
Santos-Buch CA et al
1979 6 Internat Convoc Immunol 262-267 Wm; Wa
Chagas' disease, immunopathology, review: autoantibody reactions, T lymphocyte cytotoxicity induced by infection, cross-reacting immunogens of target organs and Trypanosoma cruzi
- Immunity, Autoimmunity
Sterin-Borda L et al
1981 European J Pharmacol 69 (1) Jan 5 1-10 Wa
Chagasic sera containing EVI antibody alter effects of ouabain on isolated rat atria, data suggest participation of adrenergic mechanisms, results may explain 'toxic' effects observed with cardioactive glycosides when they are used in patients with Chagas' heart disease
- Immunity, Autoimmunity
Szarfman A et al
1981 Tr Roy Soc Trop Med and Hyg 75 (1) 114-116
Wa
Trypanosoma cruzi-infected Macaca mulatta, tissue-reacting immunoglobulins in serial serum samples, suitable host for experimental studies on Chagas' disease
- Immunity, Autoimmunity
Szarfman A et al
1981 Am J Trop Med and Hyg 30 (1 pt 1) Jan 43-46 Wa
Trypanosoma cruzi, human, tissue-reacting immunoglobulins, presence not correlated with clinical symptoms and signs which characterize chronic stage of disease nor with severity of disease
- Immunity, Autoimmunity
Targett GA
1981 Developments Immunol 14 301-309 Wa
malaria infection, human, immunological and allergological aspects especially in relation to pathogenesis and pathology, review
- Immunity, Autoimmunity
Teixeira ARL
1979 Bull World Health Organ 57 (5) 697-710 Wa
Trypanosoma cruzi, humans, immune mechanisms, trends in immunological research, and prospects for immunoprophylaxis, review
- Immunity, Autoimmunity
Thoongsuwan S; Cox HW
1981 J Parasitol 67 (4) Aug 481-486 Wa
Haemobartonella muris-like agent isolated and identified as occult companion agent in Trypanosoma lewisi-infected rats and implicated as cause of acute hemolytic anemia, splenomegaly with erythrophagocytosis, and proliferative glomerulonephritis in mature rats, disease was less severe in weanling rats, presence of cold-active hemagglutinin, immunocoaglutinin, and antibody against fibrinogen products
- Immunity, Autoimmunity
Tizard IR; Mittal KR; Nielsen K
1980 Research Vet Sc 28 (2) Mar 203-206 Wa
Trypanosoma congolense, calves (exper.), no rise in immunocoaglutinins (IKS) levels, trypanosome infection inhibited IKS response to Brucella abortus strain 19, possible reasons
- Immunity, Autoimmunity
Ungari S et al
1979 Acta Paediatr Latina 32 (2) Apr-June 157-164
Wm
echinococcosis, child, associated autoimmune glomerulo-nephritis, case report: Italy

- Immunity, Autoimmunity
Wells RA et al
1980 Clin and Exper Immunol 39 (3) Mar 663-667
Wm
Plasmodium falciparum- or P. vivax-infected Thai adults, cold-reactive anti-lymphocytotoxic antibodies in sera, may play role in modulating immune response of patients toward malaria
- Immunity, Autoimmunity
Wyler DJ; Blackman HJ; Lunde MN
1980 Am J Trop Med and Hyg 29 (6) Nov 1181-1186
Wa
Toxoplasma gondii, patients with toxoplasmal retinochoroiditis vs. seropositive and seronegative controls, antibody titers, in vitro lymphoproliferative responses to toxoplasmal and retinal antigens, observations raise possibility of autoimmune component in pathogenesis of relapses in toxoplasmal retinochoroiditis
- Immunity, Autoimmunity
Zielinska E; Michalak T; Dymowska Z
1979 Med Dosw i Mikrobiol 31 (4) 271-276 Wm
Toxoplasma gondii, human, incidence of certain autoantibodies
- Immunity, Capillary tube agglutination See
Immunity, Agglutination
- Immunity, Cell-mediated [See also Immunity, Antibody-dependent cell-mediated]
- Immunity, Cell-mediated
Abdel-Salam E et al
1981 Tr Roy Soc Trop Med and Hyg 75 (2) 207-214
Wa
Schistosoma haematobium, children, lymphocyte blast transformation responses, effect of nirdazole therapy, evidence of disturbed cell-mediated immunity
- Immunity, Cell-mediated
Abrahamsohn IA; Blotta MHSL; Curotto MA
1981 Infect and Immun 31 (3) Mar 1145-1151 Wa
Trypanosoma cruzi, enhancement of delayed-type hypersensitivity in mice treated with Mycobacterium bovis BCG and cyclophosphamide
- Immunity, Cell-mediated
Aggarwal A et al
1980 Ann Trop Med and Parasitol 74 (3) June 369-371 Wa
Giardia lamblia, corticosteroid/irradiation-treated immune-depressed mice were more susceptible to infection which indicates presumed role of cellular and humoral immunity in giardiasis
- Immunity, Cell-mediated
Aikat BK et al
1979 Indian J Med Research 70 Oct 583-591 Wa
kala-azar, humans, immunological responses: Bihar
- Immunity, Cell-mediated
Alexander J; Phillips RS
1980 Exper Parasitol 49 (1) Feb 34-40 Wa
Leishmania mexicana, L. tropica major, mice, adoptive transfer of immunity
- Immunity, Cell-mediated
Ali-Khan Z; Siboo R
1980 Ztschr Parasitenk 62 (3) 255-265 Wa
Echinococcus multilocularis, mice infected with subcutaneous alveolar hydatid cysts, intense plasmacellular infiltration in paracortex of draining lymph nodes
- Immunity, Cell-mediated
Allison AC; Eugui EM
1981 Advances Exper Med and Biol 137 225-237 Wa
approaches to vaccines against protozoan parasites of cattle, review with emphasis on cell-mediated immunity in theileriosis
- Immunity, Cell-mediated
Allison AC; Eugui EM
1981 Am J Path 102 (1) Jan 114-120 Wa
theileriosis, lymphoid organ changes in infected cattle, establishment of lymphoid cell lines containing parasites, humoral and cell-mediated immunity, symposium presentation
- Immunity, Cell-mediated
Anderson SE jr; Krahenbuhl JL; Remington JS
1979 J Clin and Lab Immunol 2 (4) Nov 293-297
Wm
Toxoplasma gondii, human, longitudinal studies of lymphocyte response to Toxoplasma antigen, immunodepression seen in some subjects
- Immunity, Cell-mediated
Ardehali S et al
1980 Ann Trop Med and Parasitol 74 (4) Aug 439-445 Wa
cutaneous leishmaniasis, human, chronic (lupoid) form, clinical aspects, histology, skin tests with leishmanin and PPD, indirect fluorescent antibody and direct agglutination tests: Iran
- Immunity, Cell-mediated
Asaishi K et al
1980 Gastroenterol Japon 15 (2) Apr 120-127 Wm
Anisakis-infected guinea pigs and rabbits, 3 types of allergic immunological reactions of digestive tract induced by larvae, these reactions may play main role in clinical symptoms of human anisakiasis
- Immunity, Cell-mediated
Banerjee DP et al
1981 Tropenmed u Parasitol 32 (2) June 105-108
Wa
Anaplasma marginale, cattle, vaccinated infected and non-vaccinated infected (carrier) animals, cell-mediated immune response assessed in vivo by intradermic skin test and in vitro by leucocyte migration inhibition test, killed vaccine yielded encouraging results
- Immunity, Cell-mediated
Bayne CJ; Buckley PM; DeWan PC
1980 Exper Parasitol 50 (3) Dec 409-416 Wa
Schistosoma mansoni, plasma of resistant Biomphalaria glabrata in conjunction with hemocytes of susceptible snails leads to disruption of sporocyst ultrastructure in vitro
- Immunity, Cell-mediated
Bayne CJ; Buckley PM; DeWan PC
1980 J Parasitol 66 (3) June 413-419 Wa
Schistosoma mansoni, macrophagelike hemocytes of resistant Biomphalaria glabrata are cytotoxic for sporocysts in vitro

- Immunity, Cell-mediated
Bender AP et al
1981 Vet Rec 108 (2) Jan 10 41 Wa
Dirofilaria immitis, allogenic spleen cells killed microfilariae of another dog whose spleen cells could not kill its own microfilariae, may indicate that some form of immunosuppression is required for maintenance of microfilaraemia; culture medium in which microfilariae maintained motility for 44 days and 3 hours
- Immunity, Cell-mediated
Benex J; Jacobelli G
1980 Bull Soc Path Exot 73 (2) Mar-Apr 206-213 Wa
cellular immunity of schistosomiasis molluscan vectors, S[chistosoma] mansoni and Biomphalaria glabrata used for preliminary studies
- Immunity, Cell-mediated
Bentley AG; Carlisle AS; Phillips SM
1981 Am J Trop Med and Hyg 30 (1 pt 1) Jan 102-112 Wa
Schistosoma mansoni, rats, initial and challenge infections, cellular response in lungs and liver, ultrastructural analysis
- Immunity, Cell-mediated
Bertelli MSM; Alcantara F, A; Brener Z
1981 Tropenmed u Parasitol 32 (2) June 93-96 Wa
Trypanosoma cruzi, mice, BCG-induced resistance, correlation with in vitro effects of BCG-activated macrophages on parasite blood-stream stages, findings represent further demonstration that cell-mediated immunity plays role in immune response in experimental Chagas' disease
- Immunity, Cell-mediated
Blackwood LL; Molinari JA
1981 Internat Arch Allergy and Applied Immunol 66 (1) 55-58 Wa
Trichinella spiralis-induced immunopotentialization of delayed-type hypersensitivity against BCG, dose dependence
- Immunity, Cell-mediated
Boros DL; Lande MA; Carrick L jr
1981 Clin Immunol and Immunopath 18 (2) Feb 276-286 Wm
Schistosoma mansoni, mice, collagen synthesis during cell-mediated granulomatous response as determined in explanted pulmonary granulomas
- Immunity, Cell-mediated
Bout DT et al
1981 J Immunol 127 (1) July 1-5 Wm
Schistosoma mansoni, in vitro killing of schistosomula by lymphokine-activated mouse macrophages
- Immunity, Cell-mediated
Brener Z
1980 Advances Parasitol 18 247-292 Wa
Trypanosoma cruzi, human, immunity, extensive review: antigenic constitution; natural immunity; humoral immune response (immunoglobulins); role of antibodies in host resistance; spleen and host resistance; complement; interferon; cell-mediated immune response (tests in vitro; delayed hypersensitivity; CMI and resistance; cytotoxicity mechanisms; macrophages); effects of immunosuppressors in Chagas' disease; immunodepression in course of Chagas' disease; evasion of immune response; auto-immune reactions; vaccination
- Immunity, Cell-mediated
Bullock WE
1979 Immunol Aspects Infect Dis 269-294 Wa
mechanisms of anergy in infectious diseases, review, includes brief mention of several parasites
- Immunity, Cell-mediated
Camus D et al
1981 Immunopharmacology 3 (3) Sept 193-204 Wa
Schistosoma mansoni-infected or uninfected rats or mice, in vivo modulation of specific and nonspecific cell-mediated immune responses by dialyzable schistosome incubation product (inhibitory factor of lymphocyte proliferation elicited in vitro)
- Immunity, Cell-mediated
Camus D; Capron A
1980 Acta Gastroenter Belg 43 (1-2) Jan-Feb 17-30 Wm
immunology of digestive parasitoses, recent advances, aspects of immunological mechanisms controlling host-parasite relationships
- Immunity, Cell-mediated
Carson CA; Buening GM
1979 J South African Vet Ass 50 (4) Dec 330-331 Wa
Anaplasma marginale, cattle, immune response to live and inactivated Anaplasma vaccines, response to challenge, review
- Immunity, Cell-mediated
Carson CA; Kakoma I; Ristic M
1980 Comp Immunol Microbiol and Infect Dis 3 (3) 277-281 Wa
Anaplasma marginale, cattle, use of peripheral blood leukocytes in study of cell-mediated immunity, review: leukocyte migration inhibition test; blastogenesis test; cytotoxicity test
- Immunity, Cell-mediated
Carvalho EM; Teixeira RS; Johnson WD jr
1981 Infect and Immun 33 (2) Aug 498-502 Wa
Leishmania chagasi, human, cell-mediated immunity, reversible immunosuppression during acute infection
- Immunity, Cell-mediated
Cha YN et al
1980 Am J Trop Med and Hyg 29 (2) Mar 234-238 Wa
Schistosoma mansoni-infected athymic nude mice vs. normal heterozygotes, activities of several hepatic drug-metabolizing enzymes, severe reductions of hepatic drug-metabolizing capacity occur only in mice that are immunologically competent and are dependent on host's response to parasite eggs
- Immunity, Cell-mediated
Chandanani RE et al
1981 Indian J Med Research 73 Suppl Jan 45-49 Wa
Plasmodium knowlesi-infected rhesus monkeys, (acute, protracted and reinfection stages), changes in peripheral lymphocyte counts and their transformation
- Immunity, Cell-mediated
Chang KP; Chiao JW
1981 Proc National Acad Sc 78 (11) Biol Sc Nov 7083-7087 Wa
Leishmania donovani, lymphokine-mediated killing of intracellular parasites in macrophages

- Immunity, Cell-mediated
 Charmot G; Bastin R
 1979 Bull Soc Path Exot 72 (4) July-Aug 319-324
 Wa
 P[lasmodium] falciparum, patients with primary infections, transitory appearance of hyperbasophilic mononucleated cells (atypical lymphocytes) suggests cell-mediated immunity, more specifically K cell-related cytotoxicity
- Immunity, Cell-mediated
 Chensue SW; Boros DL; David CS
 1980 J Exper Med 151 (6) June 1 1398-1412 Wa
 Schistosoma mansoni, mice, regulation of granulomatous inflammation, in vitro characterization of T lymphocyte subsets involved in production and suppression of migration inhibition factor
- Immunity, Cell-mediated
 Chensue SW; Wellhausen SR; Boros DL
 1981 J Immunol 127 (1) July 363-367 Wm
 Schistosoma mansoni-infected mice, participation of Ly 1⁺ and Ly 2⁺ T lymphocytes in suppression of granuloma formation and lymphokine production
- Immunity, Cell-mediated
 Chu MH; Cross JH
 1980 Southeast Asian J Trop Med and Pub Health 11 (3) Sept 313-318 Wa
 Schistosoma japonicum, Indonesian vs. Formosan strains in mice, lymphocyte response to concanavalin A, soluble egg antigen and adult worm antigen
- Immunity, Cell-mediated
 Cohen HA
 1979 Acta Dermato-Venereol 59 (6) 547-549 Wm
 leishmaniasis cutanea diffusa, man, chronic infection for 26 years, induction of delayed hypersensitivity using heat-killed and lyophilized BCG and cord-factor (trehalose-6-6'-dimycolate), clinical case report
- Immunity, Cell-mediated
 Colley DG; Kayes SG
 1979 6 Internat Convoc Immunol 268-273 Wm; Wa
 schistosomiasis, immunopathology and immunoregulation, review
- Immunity, Cell-mediated
 Corsini AC; Oliveira OLP; Costa MG
 1980 Ztschr Parasitenk 61 (2) 179-185 Wa
 Trypanosoma cruzi strain Y, susceptible and resistant mice, unimpaired delayed type hypersensitivity reactions
- Immunity, Cell-mediated
 Corsini AC; Vilela MMS; Piedrabuena AE
 1981 Tropenmed u Parasitol 32 (2) June 82-86 Wa
 Trypanosoma cruzi, human, chronic Chagas' disease patients, serum levels of IgM, IgG, IgA, complement, number of circulating T and B lymphocytes, no evidence of immune complexes, unimpaired delayed type hypersensitivity reactions to various antigens, humoral suppression to typhoid vaccine
- Immunity, Cell-mediated
 Cottrell BJ; Humber D; Sturrock RF
 1980 Tr Roy Soc Trop Med and Hyg 74 (3) 415-416
 Wa
 Schistosoma mansoni, factor in sera of patients that suppresses cell-mediated response
- Immunity, Cell-mediated
 Cottrell BJ; Sturrock RJ; Vanhoegaerden M
 1980 Immunology 39 (4) Apr 589-598 Wa
 Schistosoma mansoni-infected Papio anubis, reduced cell-mediated immunity, suggested that immunosuppressive factors in serum are immune complexes
- Immunity, Cell-mediated
 Cunningham DS; Kuhn RE
 1980 J Parasitol 66 (3) June 390-398 Wa
 Trypanosoma cruzi, mice, lymphoblast transformation as measure of immune competence during experimental Chagas' disease
- Immunity, Cell-mediated
 Cunningham DS; Kuhn RE; Hatcher FM
 1981 Exper Parasitol 51 (1) Feb 141-151 Wa
 Trypanosoma cruzi, responses by cells from infected mice to alloantigens, implications for mechanism of parasite-induced immunosuppression of cell-mediated responses
- Immunity, Cell-mediated
 Cursons RTM; et al
 1980 Infect and Immun 29 (2) Aug 408-410 Wa
 Naegleria spp., sensitized guinea pigs, cross-reactivity of homologous and heterologous antigens as judged by delayed hypersensitivity skin test and macrophage inhibition test, possible role of cell-mediated immunity in defense against pathogenic free-living amoebae
- Immunity, Cell-mediated
 Dawkins HJS; Grove DI
 1981 Immunology 43 (2) June 317-322 Wa
 Strongyloides ratti, mice, transfer of resistance to infection with serum and cells
- Immunity, Cell-mediated
 Dean JH et al
 1980 J Reticuloendothel Soc 28 (6) Dec 571-583
 Wm
 adult exposure of female mice to therapeutic levels of diethylstilbestrol can severely impair host resistance to syngeneic tumor cells, Listeria, endotoxin, and Trichinella spiralis
- Immunity, Cell-mediated
 Delgado O et al
 1981 Clin Immunol and Immunopathol 19 (3) June 351-359 Wm
 cutaneous leishmaniasis, dialyzable leukocyte extract therapy in immunodepressed patients
- Immunity, Cell-mediated
 DeVaney JA; Ziprin RL
 1980 Poultry Science 59 (8) Aug 1742-1744 Wa
 Ornithonyssus sylvianus-infested and -reinfested White Leghorn hens (exper.), degree and duration of acquired immunity related to initial level of infestation
- Immunity, Cell-mediated
 De Waele M; Thielemans C; Van Camp B
 1981 N England J Med 305 (4) July 23 228 Wa
 Toxoplasma gondii-infected patient, cell-surface phenotypes of peripheral lymphocytes, infection triggers proliferation and activation of T-cytotoxic or T-suppressor cells or both

- Immunity, Cell-mediated
Diamantstein T et al
1980 Immunology 41 (2) Oct 347-352 Wa
Entamoeba histolytica extracts, mitogenicity for murine lymphocytes, possibility that impaired cell-mediated immune response in amoebiasis patients might be related to action of amoeba on T lymphocytes
- Immunity, Cell-mediated
Duncombe VM et al
1981 Am J Clin Nutrition 34 (3) Mar 400-403 Wa
Nippostrongylus brasiliensis-infected rats fed a low protein diet, delayed worm expulsion, syngeneic bone marrow cell transfer from immune or nonimmune donors resulted in accelerated worm expulsion
- Immunity, Cell-mediated
El-Hawey AM et al
1978 J Egypt Med Ass 61 (5-6) 433-448 Wm
S[chistosoma] mansoni, chronic infection in Swiss albino mice, intravenous inoculation of live bacillus Calmette Guerin (BCG) vaccine produced nonspecific stimulation of cellular immunity, immunoprotection against S. mansoni infection, and enhancement of healing of bilharzial hepatic granulomas
- Immunity, Cell-mediated
El-Hawey AM; Abdel-Wahab KSE; Saber MA
1978 J Egypt Med Ass 61 (3-4) 253-262 Wm
schistosomiasis, patients with simple urinary hematuria, patterns in cell-mediated immune response and humoral immune response before, immediately after, and 4 months after niridazole therapy (measurement of immediate and delayed skin test responses, immunoglobulin levels, urinary egg counts, lymphocyte-lymphoblast transformation rate, evidence of eosinophilia)
- Immunity, Cell-mediated
Ellner JJ et al
1981 J Immunol 126 (1) Jan 309-312 Wm
Schistosoma mansoni, Egyptians with heavy infections, with light infections, and with hepatosplenomegaly, responses of peripheral blood mononuclear cells, first demonstration of inverse relationship between specific immune responsiveness to adult worm antigens and intensity of infection
- Immunity, Cell-mediated
El Raziky KH et al
1981 Am J Trop Med and Hyg 30 (2) Mar 373-384 Wa
Schistosoma mansoni and S. haematobium-infected patients vs. subjects from nonendemic area, immediate, Arthus, and delayed skin test responses to S. mansoni antigen, delayed responses to ubiquitous antigens, gross and histological studies: Egypt
- Immunity, Cell-mediated
Emery DL
1981 Research Vet Sc 30 (3) May 364-367 Wa
Theileria parva, resistance to lethal challenge transferred between 2 pairs of chimeric bovine co-twins with syngeneic thoracic duct lymphocytes from immunized partner
- Immunity, Cell-mediated
Emery DL et al
1981 Immunology 43 (2) June 323-336 Wa
Theileria parva, cell-mediated immune responses during immunization and lethal or sub-lethal infections in cattle, mixed lymphocyte reactions, cell-mediated lympholysis
- Immunity, Cell-mediated
Emery DL; Morrison WI
1980 Immunology 40 (2) June 229-237 Wa
Theileria parva, cattle, generation of autologous mixed leucocyte reactions during course of infection
- Immunity, Cell-mediated
Emery DL; Tenywa T; Jack RM
1981 Infect and Immun 32 (3) June 1301-1304 Wa
Theileria parva, effector cells that mediate cytotoxicity against parasitized autologous lymphocytes in immune cattle were considered to be thymus-derived lymphocytes
- Immunity, Cell-mediated
Emery DL; Wells PW; Tenywa T
1980 Exper Parasitol 50 (3) Dec 358-368 Wa
Trypanosoma congolense, specific transformation in vitro of leukocytes from infected or immunized cattle
- Immunity, Cell-mediated
Eugui EM; Emery DL
1981 Nature London (5803) 290 Mar 19 251-254 Wa
Theileria parva, genetically restricted cell-mediated cytotoxicity in immune cattle
- Immunity, Cell-mediated
Fanning MM et al
1981 J Infect Dis 144 (2) Aug 148-153 Wa
Schistosoma mansoni, course of infection studied in various inbred strains of mice (according to degree of portal hypertension, granuloma size, organomegaly), data indicate that immunopathology associated with parasitic infection in mice is influenced by genetic background of host and is dependent in part on cell-mediated immunity
- Immunity, Cell-mediated
Filice GA; Beaman BL; Remington JS
1980 Infect and Immun 27 (2) Feb 643-649 Wm
activated macrophages from mice infected with Toxoplasma gondii or injected with Corynebacterium parvum, effects on Nocardia asteroides
- Immunity, Cell-mediated
Francis DH; Buening GM; Amerault TE
1980 Am J Vet Research 41 (3) Mar 368-371 Wa
Anaplasma marginale, cattle, evaluation of immune response and protective capacity of dodecanic acid-conjugated vaccines; influence of erythrocyte antigens associated with anaplasma vaccine on in vivo and in vitro measurements used to evaluate cell-mediated response to A. marginale
- Immunity, Cell-mediated
Frankenburg S; Londner MV; Greenblatt CL
1980 Cellular Immunol 55 (1) Sept 15 185-190 Wa
Plasmodium berghei in immune and nonimmune mice, cellular changes in bone marrow, blast transformation and phagocytosis
- Immunity, Cell-mediated
Fucs R; Barcinski MA
1981 J Parasitol 67 (4) Aug 463-467 Wa
Herpetomonas samuelpeessoai, dependence on macrophages of guinea pig T-cell immune response, demonstration of cross-reactivity at cellular level between H. samuelpeessoai and Trypanosoma cruzi antigens

- Immunity, Cell-mediated
Gajanana A et al
1981 Indian J Med Research 73 Suppl Jan 97-106
Wa
Wuchereria bancrofti, infected and non-infected humans living under similar environmental conditions, assay of E and EAC rosette forming peripheral lymphocytes as well as total and differential WBC counts, neutropenia, eosinophilia, and unaltered lymphocyte counts observed in infected group: Pondicherry, India
- Immunity, Cell-mediated
Garb KS; Stavitsky AB; Mahmoud AAF
1981 J Immunol 127 (1) July 115-120 Wm
Schistosoma japonicum, mice, dynamics of antigen- and mitogen-induced responses, in vitro comparison between hepatic granulomas and splenic cells, kinetics recall spontaneous modulation of various clinical and pathologic parameters in natural disease
- Immunity, Cell-mediated
Gasbarre LC; Hug K; Louis JA
1980 Clin and Exper Immunol 41 (1) July 97-106
Wa
Trypanosoma brucei, induction of T lymphocyte-dependent proliferative response specific for parasite
- Immunity, Cell-mediated
Ghose AC et al
1979 Tr Roy Soc Trop Med and Hyg 73 (6) 725-726
Wa
visceral leishmaniasis, humans, phytohaemagglutinin-induced lymphocyte transformation test, suppressed T-lymphocyte function: North Bihar, India
- Immunity, Cell-mediated
Giambrone JJ; Klesius PH
1980 Poultry Science 59 (8) Aug 1715-1721 Wa
Eimeria spp., correlation between resistance and delayed hypersensitivity reactions in chickens previously immunized by repeated infections with living parasites or CocciVac D; immunologic cross reactivity of E. tenella, E. necatrix, E. maxima, and E. bovis
- Immunity, Cell-mediated
Giambrone JJ; Klesius PH; Edgar SA
1980 Poultry Science 59 (1) Jan 38-43 Wa
CocciVac D-immunized chickens, cell-mediated immune (CMI) response to challenge with Eimeria necatrix and E. tenella measured by delayed hypersensitivity wattle test and leukocyte stimulation, correlation of CMI with disease resistance
- Immunity, Cell-mediated
Gorczyński RM et al
1981 Cellular Immunol 60 (2) May 15 367-375 Wa
Leishmania enrietti, macrophage subpopulations from uninfected and immune guinea pigs of different strains, ability to support parasite growth in vitro and to promote proliferation in lymphocytes of animals recovered from primary lesion, evidence that macrophage heterogeneity and Ir-gene control are factors involved in immune response of guinea pigs to infection with L. enrietti
- Immunity, Cell-mediated
Gorini P et al
1978 Riv Emoterap ed Immunoematol 25 (5-6) 207-222 Wm
Toxoplasma gondii, rats, indications that immune response is both humoral and cellular
- Immunity, Cell-mediated
Green WF; Colley DG
1981 Proc National Acad Sc Biol Sc 78 (2) Feb 1152-1156 Wa
Schistosoma mansoni, mice, modulation of egg-induced granuloma formation, role of I-J locus in regulating suppressor T lymphocyte aspects of modulation
- Immunity, Cell-mediated
Grimaldi G jr; Moriearty PL; Hoff R
1980 Exper Parasitol 50 (1) Aug 45-56 Wa
Leishmania mexicana in C3H mice, histopathology, humoral and cellular immune responses
- Immunity, Cell-mediated
Grimaldi GF; Moriearty PL; Hoff R
1980 Clin and Exper Immunol 41 (2) Aug 237-242
Wa
Leishmania mexicana in C3H mice, BCG and levamisole treatment of established infections, results indicate non-specific immunostimulation is ineffective against chronic non-healing type of leishmaniasis in which host has humoral and delayed type hypersensitivity responses to parasites
- Immunity, Cell-mediated
Gupta RK et al
1980 Experientia 36 (1) Jan 15 128-129 Wm
Hymenolepis nana, mice, transfer of acquired immunity through sensitized peritoneal exudate cells
- Immunity, Cell-mediated
Gusmao RA; Stanley AM; Ottesen EA
1981 Exper Parasitol 52 (1) Aug 147-159 Wa
Brugia pahangi, inbred Lewis rats, cellular and humoral immune responses (blood leukocyte levels, antifilarial IgG and IgE antibody production, specific lymphocyte responses to mitogens and filarial antigens), findings suggest that development of specific IgE antibodies plays role in differential susceptibility to infection in these rats
- Immunity, Cell-mediated
Gustowska L; Ruitenber EJ; Elgersma A
1980 Parasite Immunol 2 (2) Summer 133-154 Wa
Trichinella spiralis, thymus-bearing vs. congenitally athymic mice, histological changes in gut, tongue, and 3 lymphoid tissues with special attention to eosinophils, specific antibody production
- Immunity, Cell-mediated
Hale C; Howard JG
1981 Parasite Immunol 3 (1) Spring 45-55 Wa
Leishmania tropica major in Biozzi high and low responder lines of mice, comparative susceptibility, serum antibody levels and delayed-type hypersensitivity responses, macrophage differences
- Immunity, Cell-mediated
Handman E; Chester PM; Remington JS
1980 Infect and Immun 28 (2) May 524-531 Wa
Toxoplasma gondii-infected mice, delayed hypersensitivity to Toxoplasma and unrelated antigens, induction and elicitation of delayed-type hypersensitivity by antigen-pulsed macrophages

Immunity, Cell-mediated

Haque A; Ogilvie BM; Capron A
1981 Exper Parasitol 52 (1) Aug 25-34 Wa
Dipetalonema viteae, mice, response of spleen cells to mitogens and antigens, seems unlikely that generalized immunodepression is major factor contributing to long survival of D. viteae in its host

Immunity, Cell-mediated

Hatcher FM; Kuhn RE
1981 J Immunol 126 (6) June 2436-2442 Wm
Trypanosoma cruzi-infected mice, spontaneous lytic activity against allogeneic tumor cells and depression of specific cytotoxic responses

Immunity, Cell-mediated

Helmy-Khalil S jr et al
1979 Tropenmed u Parasitol 30 (4) Dec 426-428 Wa
S[chistosoma] mansoni, human, hepato-splenic disease vs. simple intestinal infection, cell mediated immune (CMI) responses assessed using delayed intradermal and migration inhibition tests with soluble egg antigens, findings suggest relationship between CMI responsiveness and clinicopathological manifestations

Immunity, Cell-mediated

Herrod HG et al
1981 J Immunol 126 (1) Jan 59-61 Wm
Pneumocystis carinii antigen, in vitro proliferative response of lymphocytes from normal human adults

Immunity, Cell-mediated

Hood AT; Boros DL
1980 Am J Trop Med and Hyg 29 (4) July 586-591 Wa
Schistosoma mansoni, mice, effect of splenectomy on pathophysiology, humoral and cell-mediated granulomatous responses, and liver fibrosis

Immunity, Cell-mediated

Hopper KE et al
1981 Clin and Exper Immunol 45 (3) Sept 633-641 Wa
Litomosoides carinii, enhanced adhesion of rat neutrophils to microfilariae in presence of culture supernatants from mitogen-stimulated lymph node cells, results suggest that cell-mediated immune reactions leading to lymphokine production may potentiate anti-filarial antibody-dependent cellular cytotoxicity and general phagocytosis by neutrophils

Immunity, Cell-mediated

Houba V
1981 Developments Immunol 14 293-299 Wa
schistosomiasis, human, hypersensitivity reactions with special emphasis on their relation to clinical manifestations of this disease and to immunodiagnosis, brief review

Immunity, Cell-mediated

Howard JG; Hale C; Chan-Liew WL
1980 Parasite Immunol 2 (4) Winter 303-314 Wa
Leishmania tropica major, immunogenetic aspects of susceptibility to infection in different strains of mice

Immunity, Cell-mediated

Howard JG; Hale C; Liew FY
1980 J Exper Med 152 (3) Sept 1 594-607 Wa
Leishmania tropica, nature and significance of specific suppression of cell-mediated immunity in highly susceptible mice

Immunity, Cell-mediated

Howard JG; Hale C; Liew FY
1981 J Exper Med 153 (3) Mar 1 557-568 Wa
Leishmania tropica, prophylactic effect of sublethal irradiation as result of abrogation of suppressor T cell generation in genetically susceptible BALB/c mice

Immunity, Cell-mediated

Hunter KW jr et al
1981 Immunol Letters 2 (4) Jan 209-212 Wa
Plasmodium yoelii, mice, early enhancement of natural killer cell activity (correlated with transient early rise in serum interferon levels) followed by marked suppression later in course of infection, antibody-dependent cell-mediated cytotoxicity and responses of T and B lymphocytes to mitogens were suppressed throughout course of infection

Immunity, Cell-mediated

Ishaq M; Padma MC; Habibullah CM
1980 IRCS Med Sc Key Rep Cell and Molec Biol 8 (5) May 283 Wa
Entamoeba histolytica, adoptive transfer of immunity to infection by immune spleen cells in rats

Immunity, Cell-mediated

Ishimine T; Nagasawa H; Suzuki N
1979 Japan J Vet Sc Tokyo 41 (5) Oct 487-493 Wa
Babesia gibsoni, in vitro phagocytosis of parasitized and non-parasitized erythrocytes by normal or Babesia-immune monocytes incubated with normal or immune serum and by normal monocytes incubated with Babesia-immune lymphokines

Immunity, Cell-mediated

Jain P; Sawhney S; Vinayak VK
1980 Tr Roy Soc Trop Med and Hyg 74 (3) 347-350 Wa
Entamoeba histolytica, guinea pigs immunized with low grade infection, protection against subsequent challenge, humoral (indirect haemagglutination and countercurrent immunoelectrophoresis tests) and cell-mediated (macrophage migration inhibition test) immune responses in immunized and unimmunized animals

Immunity, Cell-mediated

James SL
1981 Parasitology 83 (1) Aug 147-162 Wa
Schistosoma mansoni, in vitro proliferative response to living schistosomula by T lymphocytes from infected mice

Immunity, Cell-mediated

James SL; Sher A
1980 J Immunol 124 (4) Apr 1837-1844 Wm
Schistosoma mansoni, immune mechanisms that stimulate mouse leukocyte (eosinophil, neutrophil, macrophage) migration in response to schistosomula

Immunity, Cell-mediated

Jenkins DC; Carrington TS
1981 Parasitology 82 (2) Apr 311-318 Wa
Nematospiroides dubius, course of primary, secondary, and tertiary infections in high and low responder Biozzi mice, results imply that host antibodies play essential role in immunity to this parasite and that resistance cannot be attributed solely to non-specific macrophage activity or cell-mediated immune reactions

- Immunity, Cell-mediated
Johnson WD jr
1981 Infect and Immun 33 (3) Sept 948-949 Wa
Toxoplasma gondii, human, acute infection, chronological development of cellular immunity, dichotomy between resolution of clinical illness and responsiveness of B and T lymphocytes to toxoplasma antigens, transient period of antigen-specific immunosuppression
- Immunity, Cell-mediated
Jones TC
1981 Am J Path 102 (1) Jan 127-132 Wa
obligate intracellular protozoa, interactions with murine macrophages, symposium presentation: protozoal entry mechanisms and phagolysosomal system; protozoal intracellular survival and effects on macrophage function; macrophage antigen processing and genetics of immune response (includes mention of immunosuppression); lymphokine-induced microbicidal and microbistatic changes
- Immunity, Cell-mediated
Jones TC; Byrne GI
1980 Mononuclear Phagocytes Functional Aspects pt 2 1611-1629 Wa
Toxoplasma gondii, relationship between lymphocytes and macrophages during control of intravacuolar parasite replication, successful use of macrophage cell lines to evaluate control of microbes by lymphocytes and lymphocyte products, review
- Immunity, Cell-mediated
Kaushik SP et al
1977 Am J Gastroenterol 68 (1) July 64-70 Wm
Entamoeba histolytica, guinea pigs, assessment of immunologic role of hypersensitivity in formation of amebic granulomas
- Immunity, Cell-mediated
Kayes SG; Oaks JA
1980 Exper Parasitol 49 (1) Feb 47-55 Wa
Toxocara canis, mice, functioning T-lymphocyte population appears necessary for maximal eosinophil response
- Immunity, Cell-mediated
Khoury PB et al
1981 Cellular Immunol 59 (2) Apr 233-245 Wa
Schistosoma mansoni, mice, cellular responses against cercarial immunogens in regional draining lymph nodes and spleen: kinetics and characterization of T- and B-rosette forming cells, kinetics and characterization of maturational stages of B lymphocyte populations (capacity to form rosette forming cells, rosette-antibody forming cells, plaque forming cells, immunoglobulin classes)
- Immunity, Cell-mediated
Khoury PB; Phillips SM
1981 Am J Trop Med and Hyg 30 (2) Mar 394-401 Wa
Schistosoma mansoni, mice, cellular responses of lymphoid organs that drain pulmonary and hepatic phases of primary infection and also cellular responses of spleen: kinetics and characterization of T and B rosette forming cells, kinetics and characterization of B cell subpopulations (capacity to form rosette forming cells, rosette-antibody forming cells, and plaque forming cells; nature of surface and/or secreted immunoglobulins), these local immune responses seem to occupy significant role in mediation of protective immunity and host morbidity
- Immunity, Cell-mediated
Khoury PB; Phillips SM
1981 Cellular Immunol 59 (2) Apr 246-255 Wa
Schistosoma mansoni, mice, cellular responses against egg immunogens in regional draining lymph nodes and spleen: kinetics and characterization of T- and B-rosette forming cells, kinetics and characterization of B-cell subpopulations (capacity to form rosette forming cells, rosette-antibody forming cells, plaque forming cells, immunoglobulin classes)
- Immunity, Cell-mediated
Kierszenbaum F
1981 Immunology 44 (3) Nov 641-648 Wa
Trypanosoma cruzi, mice, variation in lymphoproliferative responses to T. cruzi antigens, nature of specific immunological deficiency characteristic of acute phase of disease and no longer detectable during chronic period
- Immunity, Cell-mediated
Kirkpatrick CH
1980 CRC Crit Rev Clin Lab Sc 12 (2) July 87-122 Wa
transfer factor, extensive review, includes information on Eimeria and leishmaniasis
- Immunity, Cell-mediated
Klesius PH
1981 Advances Exper Med and Biol 137 293-323 Wa
modulation of cell-mediated responses with dialyzable leukocyte extract containing transfer factor, review, includes information on parasitic diseases
- Immunity, Cell-mediated
Klesius PH; Fudenberg HH; Smith CL
1980 Comp Immunol Microbiol and Infect Dis 3 (3) 247-260 Wa
comparative studies on dialyzable leukocyte extracts containing transfer factor, review, includes some information on parasites
- Immunity, Cell-mediated
Komissarenko VG; Shain AA
1981 Voprosy Onkol 27 (1) 36-40 Wm
patients with primary hepatic cancer and non-tumor lesions of liver, delayed hypersensitivity reactions, effect of opisthorchosis invasion (impairment of cellular immunity)
- Immunity, Cell-mediated
Kwa BH; Mak JW
1980 Tr Roy Soc Trop Med and Hyg 74 (4) 522-527 Wa
Brugia malayi-infected Meriones unguiculatus, depression of delayed-type hypersensitivity responses to B. malayi antigens, normal delayed-type hypersensitivity responses to dinitrofluorobenzene, sheep red blood cells, and Dirofilaria immitis antigens
- Immunity, Cell-mediated
Landolfo S; et al
1980 J Immunol 124 (2) Feb 508-514 Wm
Trichomonas vaginalis, natural cell-mediated cytotoxicity against this parasite in the mouse, tissue, host strain, and host age distribution, some characteristics of effector cells

- Immunity, Cell-mediated
Langhorne J et al
1979 Trop Dis Research Ser (1) 205-228 Wa
Plasmodium knowlesi, vaccination of previously splenectomized *Macaca mulatta* with merozoites, results of challenge infection; effects of splenectomy on clinical immunity of immunized *M. mulatta* and *Callithrix jacchus* which were previously resistant to repeated challenge infection; in vitro growth of parasites in presence of immune spleen cells from *M. mulatta* and *M. fascicularis*
- Immunity, Cell-mediated
Lelchuk R; Sprott VMA; Playfair JHL
1981 Clin and Exper Immunol 45 (2) Aug 433-438 Wa
Plasmodium yoelii, *P. berghei*, mice, differential involvement of non-specific suppressor T cells in lethal infections, unlikely that non-specific suppression of cell-mediated immune responses is major cause of lethality
- Immunity, Cell-mediated
Leon LL et al
1980 Infect and Immun 27 (1) Jan 38-43 Wa
Trypanosoma cruzi epimastigotes, polyribosomal fraction, immunogenic and protective activity in mice
- Immunity, Cell-mediated
Lewis FA; Wilson EM
1981 Infect and Immun 32 (1) Apr 260-267 Wa
Schistosoma mansoni-infected C57BL/6 vs. CBA mice, host strain differences in lymphocyte responses and in vitro suppressor cell induction
- Immunity, Cell-mediated
Ljungstroem I
1980 Parasite Immunol 2 (2) Summer 111-120 Wa
Trichinella spiralis, responsiveness of mouse spleen cells to various polyclonal T and B cell activators during infection
- Immunity, Cell-mediated
Louis JA et al
1981 J Immunol 126 (5) May 1661-1666 Wm
Leishmania tropica major, role of H-2 gene complex in interactions between antigen-presenting macrophages and *Leishmania*-immune T lymphocytes
- Immunity, Cell-mediated
MacDermott RP et al
1980 Infect and Immun 30 (3) Dec 781-785 Wa
Plasmodium falciparum, *P. vivax*, naturally infected Thai adults, examination of peripheral blood mononuclear cells and sera in assays of blastogenic responsiveness to mitogenic lectins and allogeneic cell surface antigens, results indicate that blastogenic responsiveness remains intact during course of malaria infection and that patient sera is capable of exerting negative immunoregulatory effects
- Immunity, Cell-mediated
McDonald V; Sherman IW
1980 Clin and Exper Immunol 42 (3) Dec 421-427 Wa
Plasmodium chabaudi-immunized mice, lack of correlation between delayed-type hypersensitivity (DTH) and host resistance, DTH depression in immunized challenged mice coincided with steep rise in titre of malarial antibody
- Immunity, Cell-mediated
McDonald V; Sherman IW
1980 Exper Parasitol 49 (3) June 442-454 Wa
Plasmodium chabaudi, mice, immunization, protection, humoral and cell-mediated responses, passive transfer experiments, depressed delayed-type hypersensitivity reactions but increased titers of malarial antibody after challenge
- Immunity, Cell-mediated
McLeod R; Remington JS
1980 Immunology 39 (4) Apr 599-605 Wa
Toxoplasma gondii, inhibition or killing by activated macrophages, effect of various agents known to inhibit certain metabolic pathways or cell functions, abrogation by tosyllysine chloromethyl ketone or aminophylline
- Immunity, Cell-mediated
McMyne PS; Strejan GH
1980 Cellular Immunol 54 (1) Aug 15 140-154 Wm
suitability of lymphotoxin assay as in vitro correlate of cell-mediated immunity to hapten-carrier conjugate known to stimulate high IgE antibody response (DNP-*Ascaris*)
- Immunity, Cell-mediated
McMyne PS; Strejan GH
1981 Cellular Immunol 58 (2) Mar 1 312-322 Wm
evolution of delayed hypersensitivity, lymphotoxin, IgE, and IgG antibody production in rats following primary and secondary immunizations with DNP-*Ascaris* conjugates and different adjuvants
- Immunity, Cell-mediated
Mehta K et al
1980 Indian J Med Research 72 July 38-41 Wa
Wuchereria bancrofti, humans, suppression of mitogenic response to PHA and Con A
- Immunity, Cell-mediated
Miller EC
1980 Zentralbl Gynak 102 (5) 295-297 Wm
Toxoplasma gondii, diagnostic skin test survey of pregnant women, test results show that following toxoplasmosis infection cellular immune reactions increase slowly, continued use of intradermal test recommended
- Immunity, Cell-mediated
Mitchell GF et al
1980 Austral J Exper Biol and Med Sc 58 (5) Oct 521-532 Wa
Leishmania tropica, cutaneous leishmaniasis, disease patterns in various inbred mouse strains, disease patterns in reconstituted nude mice of several genotypes, genetic features of nude mouse may contribute to extraordinary potency of T cell reconstitutive manipulations
- Immunity, Cell-mediated
Mitchell GF et al
1981 Austral J Exper Biol and Med Sc 59 (5) Oct 539-554 Wa
Leishmania tropica, resistance and abrogation of resistance to cutaneous leishmaniasis in reconstituted BALB/c nude mice

- Immunity, Cell-mediated
Mitchell GF et al
1981 Internat J Parasitol 11 (4) Aug 267-276 Wa
Schistosoma japonicum, susceptibility of mice of various strains, infection characteristics, radioisotopic lung assay for granuloma formation, anti-egg circumoval precipitin responses
- Immunity, Cell-mediated
Mosca W et al
1979 Acta Cien Venezolana 30 (4) 401-404 Wa
Chagasic patients without evidence of cardiomyopathy, lymphocyte blastogenesis when challenged with Trypanosoma cruzi, Leishmania brasiliensis and BCG antigens, no significant cross-reactivity nor immunosuppression demonstrated
- Immunity, Cell-mediated
Mosca W; Plaja J
1981 J Clin Microbiol 14 (1) July 1-5 Wa
Trypanosoma cruzi, Chagasic patients, delayed hypersensitivity to heart antigens and to parasite antigens as measured by in vitro lymphocyte stimulation, relevance of findings to pathogenesis of Chagasic cardiomyopathy needs to be carefully assessed
- Immunity, Cell-mediated
Narayanan K et al
1981 J Ass Physicians India 29 (2) Feb 169-172 Wm
Leishmania donovani, human, humoral and cell-mediated responses of 3 cases showed disturbances of T-cells, subpopulations of T-cells, and evidence of circulating immune complexes of nonpathogenic nature
- Immunity, Cell-mediated
Ngu JL
1978 Acta Trop 35 (3) Sept 269-279 Wa
Onchocerca volvulus, patients with generalized type vs. localized reactive type disease, skin testing, leucocyte migration inhibition test, enzyme linked immunosorbent assay
- Immunity, Cell-mediated
Niederkorn JY; Shaddock JA; Schmidt EC
1981 J Infect Dis 144 (3) Sept 249-253 Wa
Encephalitozoon cuniculi, selected inbred strains of mice showed marked differences in susceptibility and resistance to infection, immune system plays major role in determining course of infection as does genetics, infection can modulate host's immune system
- Immunity, Cell-mediated
Nogueira N et al
1981 Exper Parasitol 51 (3) June 325-334 Wa
Trypanosoma cruzi, relative resistance of several inbred mouse strains to Y and CL parasite strains, acquired immunity following sublethal infection, passive transfer of resistance by spleen cells generating macrophage activating factor(s), role of T-cell-enriched immune cells in passive transfer of resistance in vivo and lymphokine production in vitro, relative ability of spleen cells from different strains of mice to generate macrophage activating factor(s) during infection, histological appearance of organs from infected mice
- Immunity, Cell-mediated
Nogueira N; Cohn Z
1979 Trop Dis Research Ser (1) 137-149 Wa
Trypanosoma cruzi, cell-mediated immunity in vitro, review
- Immunity, Cell-mediated
Nogueira N; Kaplan G; Cohn ZA
1980 Mononuclear Phagocytes Functional Aspects pt 2 1587-1610 Wa
Trypanosoma cruzi, induction of macrophage microbicidal activity, review
- Immunity, Cell-mediated
Olds GR; Mahmoud AAF
1981 Cellular Immunol 60 (2) May 15 251-260 Wa
Schistosoma japonicum, mice sensitized with subcutaneous injection of eggs prior to intravenous challenge with eggs, kinetics and mechanisms of pulmonary granuloma formation, evidence suggests major role for cell-mediated immunity
- Immunity, Cell-mediated
Oman SA et al
1978 J Egypt Med Ass 61 (11-12) 795-802 Wm
schistosomiasis patients with iron-deficiency anaemia and hypoproteinaemia, impairment of cell-mediated immune response when levels of haemoglobin fall to 10 g. or less
- Immunity, Cell-mediated
Onaga H; Ishii T
1980 Japan J Vet Sc 42 (3) June 345-351 Wa
Eimeria tenella, chickens (exper.), direct and indirect leukocyte migration inhibition tests
- Immunity, Cell-mediated
Ottesen EA
1979 Immune Mech and Dis 215-233 Wm; Wa
filariasis, human, immune responses discussed in relation to penetration stage of infection, persistence of infection, and pathology, review
- Immunity, Cell-mediated
Ottesen EA; Poindexter RW
1980 Am J Trop Med and Hyg 29 (4) July 592-597 Wa
Schistosoma mansoni, human, humoral suppressive factors which inhibit lymphocyte proliferative responses to parasite antigens
- Immunity, Cell-mediated
Pearson TW et al
1980 Trop Dis Research Ser (3) 155-157 Wm
Theileria parva, stimulation of bovine lymphocytes by syngeneic cell lines transformed in vitro by parasites, workshop presentation
- Immunity, Cell-mediated
Peralta JM et al
1981 Clin and Exper Immunol 45 (3) Sept 621-626 Wa
Trypanosoma cruzi-infected asymptomatic humans, leucocyte migration inhibition response to tissue antigens, correlation with tissue-reacting antibodies
- Immunity, Cell-mediated
Perez H; Pocino M; Malave I
1981 Infect and Immun 32 (2) May 415-419 Wa
Leishmania mexicana-infected mice, nonspecific immunodepression (to sheep erythrocytes), specific responses (as exemplified by protective immunity to challenge infection and delayed hypersensitivity responses to parasite antigens) were apparently unaffected

Immunity, Cell-mediated

Petavy AF; Vernes A; Biguet J
1980 Avian Path 9 (2) 171-178 Wa
Syngamus trachea, turkeys and chickens (ex-
per.), kinetic in vitro study of cell mediated
immunity using indirect test based on inhibi-
tion of macrophage spreading

Immunity, Cell-mediated

Petchclai B; Koonakosit R; Akarawong K
1980 Southeast Asian J Trop Med and Pub Health
11 (1) Mar 55-57 Wa
Entamoeba histolytica, humans with hepatic
abscesses, leucocyte migration test demon-
strates cell-mediated immune response, some
evidence of immunosuppression

Immunity, Cell-mediated

Phillips SM et al
1980 Am J Trop Med and Hyg 29 (5 pt 1) Sept 820-
831 Wa
Schistosoma mansoni, studies in athymic mice
integrated with in vitro studies on granuloma
formation, results indicate that resistance,
granulomatous hypersensitivity and its modula-
tion, and morbidity are contingent on thymus-
dependent lymphocyte function

Immunity, Cell-mediated

Phillips SM; Reid WA
1980 Internat J Nuclear Med and Biol 7 (2) 173-
186 Wa
Schistosoma mansoni, rats, effect of exposure
to various immunizing regimens upon subsequent
resistance, studies on mechanism for develop-
ment of optimal protective immunity

Immunity, Cell-mediated

Piessens WF et al
1980 Am J Trop Med and Hyg 29 (4) July 563-570
Wa
Brugia malayi, human, anti-microfilarial sheath
antibodies of different immunoglobulin classes
detected by indirect immunofluorescence, anti-
bodies promoting adherence of buffy coat cells
to microfilariae, immunoglobulin on microfilar-
iae isolated from blood of microfilaraemic in-
dividuals, correlation of serum antibodies and
cellular responses to microfilarial antigens
with clinical status of single individuals:
South Kalimantan, Indonesia

Immunity, Cell-mediated

Piessens WF et al
1980 J Clin Invest 65 (1) Jan 172-179 Wa
Brugia malayi, patients with different stages
of disease, differences in cell-mediated im-
mune responses to microfilarial and adult worm
antigens and to nonparasite antigens, patent
microfilaraemia associated with state of specif-
ic cellular unresponsiveness, implications for
pathogenesis: South Kalimantan (Borneo)

Immunity, Cell-mediated

Piessens WF et al
1981 Acta Trop 38 (3) Sept 227-234 Wa
Brugia malayi-infected patients, effect of di-
ethylcarbamazine treatment on immune responses
to filarial antigens, partially reverses state
of cellular unresponsiveness to parasite anti-
gens associated with patent filarial infections

Immunity, Cell-mediated

Poltera AA; Hochmann A; Lambert PH
1980 Am J Path (456) 99 (2) May 325-351 Wa
Trypanosoma brucei brucei-infected mice as
model for study of pancarditis, findings sug-
gest that immune mechanisms may be involved
in pathogenesis, offers suitable model for
evaluation of efficacy of trypanocidal drugs

Immunity, Cell-mediated

Poulter LW
1980 Clin and Exper Immunol 39 (1) Jan 14-26 Wa
Leishmania enriettii, guinea pigs, adoptive
immunization, evidence that basis of protective
immune response may change during course of
disease from purely cell-mediated mechanism to
one involving protective antibody

Immunity, Cell-mediated

Poulter LW
1980 Clin and Exper Immunol 40 (1) Apr 25-35
Wa
Leishmania enriettii, guinea pigs, intramacro-
phage localization of parasite protects it from
innate and some acquired resistance but does
not prevent induction of specific cell-mediated
and humoral immunity, metastatic spread of
disease may be cause rather than result of
suppressed CMI

Immunity, Cell-mediated

Poulter LW; Pearce MT
1980 Clin and Exper Immunol 42 (2) Nov 211-218
Wa
Leishmania enriettii, guinea-pigs with diffuse
cutaneous leishmaniasis, development and decay
of protective acquired cell-mediated immunity,
loss of ability to resist challenge infection
not associated with reduction in serum anti-
body levels, progressive disease is associated
with local suppression of macrophage effector
function

Immunity, Cell-mediated

Przyjalkowski Z et al
1980 Bull Acad Polon Sc Cl II s Sc Biol 28 (1-2)
111-116 Wa
Trichinella spiralis-infected germfree and con-
ventional mice, reactivity of lymphocytes

Immunity, Cell-mediated

Przyjalkowski Z; Schollenberger A; Frymus T
1980 Bull Acad Polon Sc Cl II s Sc Biol 28 (1-2)
81-85 Wa
Trichinella spiralis-infected germfree and con-
ventional mice, macrophage migration inhibition
test

Immunity, Cell-mediated

Reed SG
1980 Infect and Immun 28 (2) May 404-410 Wa
Trypanosoma cruzi, mice, adoptive transfer of
resistance to acute infection with T-lymphocyte-
enriched spleen cells

Immunity, Cell-mediated

Rees PH et al
1981 Tr Roy Soc Trop Med and Hyg 75 (5) 630-631
Wa
Leishmania donovani, kala-azar patients, skin
test response to tuberculin and leishmanin (L.
tropica), negative during active disease, some
conversions to positive after successful cure,
suggests that active kala-azar is associated
with generalized non-specific depression of
cell-mediated immune responses which reverts to
normal after treatment

- Immunity, Cell-mediated
Rehbein G et al
1981 Tropenmed u Parasitol 32 (3) Sept 154-156
Wa
Theileria annulata, production of macrophage migration inhibition factor by sensitized lymphocytes from infected calves, results indicate occurrence of sensitized lymphocytes as effector cells of cell-mediated immunity to T. annulata infection
- Immunity, Cell-mediated
Rezai HR; Farrell J; Soulsby EL
1980 Clin and Exper Immunol 40 (3) June 508-514
Wa
[Leishmania] donovani, parasite burdens in liver and spleen of various strains of mice, development of resistance, development of antibody, skin reactivity, adoptive transfer of cells and antibody
- Immunity, Cell-mediated
Rieckmann KH et al
1979 Bull World Health Organ 57 suppl 1 139-151
Wa
Plasmodium knowlesi, rhesus monkeys, immunization with 3 nonviable blood-stage antigens, response to challenge, haematology, indirect fluorescent antibody test, IgG values, radioimmunoassay values, opsonization and merozoite inhibition tests, B and T cell values, lymphocyte transformation test, intradermal skin test
- Immunity, Cell-mediated
Rocklin RE et al
1980 J Immunol 125 (5) Nov 1916-1923 Wm
Schistosoma mansoni, Kenyan children, cell-mediated (CMI) and humoral immune responses, results imply that several factors affect CMI response during course of infection including factors present in serum (possibly antigen-antibody complexes) and presence of antigen-specific suppressor cells
- Immunity, Cell-mediated
Ruebush MJ; Hanson WL
1980 Am J Trop Med and Hyg 29 (4) July 507-515
Wa
Babesia microti of human origin in mice, resistance to and recovery from primary infection is modulated by T lymphocytes, depressed B cell function and normal T cell function are correlates of this infection
- Immunity, Cell-mediated
Ruebush MJ; Hanson WL
1980 Cellular Immunol 52 (2) July 1 255-265 Wa
Babesia microti, human-derived Peabody strain, adoptive transfer of immunity from infected mice to naive mice with lymph node and spleen cells, evidence for T-lymphocyte dependence of immunologic memory
- Immunity, Cell-mediated
Rurangirwa FR et al
1980 Tropenmed u Parasitol 31 (1) Mar 105-110
Wa
Trypanosoma congolense-infected Bos indicus (exper.), reduced primary immune response to Leptospira biflexa immunization, secondary response (after berenil cure and re-immunization) suggested presence of intact memory cell population and was lower than (but not significantly different from) that of controls; effect of post infection serum on in vitro thymidine uptake by lymphocytes and on leucocyte migration
- Immunity, Cell-mediated
Samuel AM et al
1978 Indian J Med Research 68 Sept 444-449 Wa
tropical eosinophilia, human, immunoglobulin levels, cell-mediated immune response to 4 helminth antigens, evidence of sensitization to filarial antigen, effect of diethylcarbamazine treatment
- Immunity, Cell-mediated
dos Santos RR; Hudson L
1980 Clin and Exper Immunol 40 (1) Apr 36-41 Wa
Trypanosoma cruzi, both antibodies and cells taken from mice 15 days after infection can kill parasite-modified mammalian cells in vitro, lymphocytes taken at 60 days can kill unmodified syngeneic cells in vitro
- Immunity, Cell-mediated
Santos-Buch CA et al
1979 6 Internat Convoc Immunol 262-267 Wm; Wa
Chagas' disease, immunopathology, review: autoantibody reactions, T lymphocyte cytotoxicity induced by infection, cross-reacting immunogens of target organs and Trypanosoma cruzi
- Immunity, Cell-mediated
Sasazuki T et al
1980 J Exper Med 152 (2 pt 2) Aug 1 314s-318s
Wm
Schistosoma japonicum, human, association between HLA haplotype and low responsiveness to schistosomal worm antigen (evaluated by measuring antigen-specific proliferative response of peripheral T lymphocytes in vitro)
- Immunity, Cell-mediated
Semprevivo LH et al
1981 J Parasitol 67 (1) Feb 8-14 Wa
Leishmania donovani in large number of congenic resistant mouse strains on C57BL/10ScSn background differing at specific histocompatibility loci, course of infection, acquired resistance, induction of pathologic alteration, model for spectral disease
- Immunity, Cell-mediated
Sher A; Ahmad S; Muller-Berat CN
1980 Arch Invest Med 11 (2) 201-213 Wm
Entamoeba histolytica antigen-sensitized peritoneal exudate cells from guinea pigs were employed in capillary tube and agarose plate tests to confirm presence of cell-mediated immune responses, findings suggest that migration inhibitory factor is released as a correlate of cell-mediated immunity
- Immunity, Cell-mediated
Shirahata T; Shimizu K
1980 Microbiol and Immunol 24 (11) 1109-1120
Wa
Toxoplasma gondii, production and properties of immune interferon from spleen cell cultures of infected mice
- Immunity, Cell-mediated
Siebert AE jr; Good AH
1980 Exper Parasitol 50 (3) Dec 437-446 Wa
Taenia crassiceps, BALB/c and BDF1 mice, kinetics of primary and secondary infections in vivo, effect of immune serum on larvae in vitro, comparison with previous studies using C3H mice

- Immunity, Cell-mediated
Smrkovski LL; Reed SG; Larson CL
1980 Am J Trop Med and Hyg 29 (1) Jan 16-20 Wa
Leishmania donovani, cortisone and cyclophosphamide suppress protective effects of BCG in mice challenged with amastigotes
- Immunity, Cell-mediated
Solliod AE; Frank GH
1979 Am J Vet Research 40 (5) May 658-664 Wa
Trypanosoma congolense, cattle (exper.), humoral immune response to nontrypanosomal antigens, peripheral blood lymphocyte responsiveness, no evidence that immunodepression is major pathologic mechanism in acute bovine infection
- Immunity, Cell-mediated
Tamura T et al
1979 J Coll Dairying Nat Sc (17) 8 (1) Oct 89-98 Wa
Babesia gibsoni, dogs (exper.), effect of immunosuppressive treatments or splenectomy, results indicated spleen might play important role in immune mechanism and cell-mediated immunity might be related to protection
- Immunity, Cell-mediated
Tanner M; Weiss N
1979 Tropenmed u Parasitol 30 (3) Sept 371-375 Wa
Dipetalonema viteae, hamsters, passive transfer of immunity to circulating microfilariae by spleen cells
- Immunity, Cell-mediated
Taylor DW et al
1980 Infect and Immun 28 (2) May 502-507 Wa
Plasmodium knowlesi in Macaca mulatta, alterations in distribution and proliferative responses of peripheral blood and spleen cells during infection
- Immunity, Cell-mediated
Taylor DW; Siddiqui WA
1979 Bull World Health Organ 57 suppl 1 247-253 Wa
Plasmodium falciparum, cellular and humoral immune responses in Aotus trivirgatus following vaccination
- Immunity, Cell-mediated
Teixeira ARL
1979 Bull World Health Organ 57 (5) 697-710 Wa
Trypanosoma cruzi, humans, immune mechanisms, trends in immunological research, and prospects for immunoprophylaxis, review
- Immunity, Cell-mediated
Thompson RCA; Howell MJ
1979 Ztschr Parasitenk 61 (1) 93-98 Wa
Fasciola hepatica, effect of BCG on resistance of rats to infection
- Immunity, Cell-mediated
Thong YH; Ferrante A
1980 Clin and Exper Immunol 39 (1) Jan 190-194 Wa
pyrimethamine enhances antibody and delayed-type hypersensitivity responses to sheep red cells in mice and reverses immunodepression of tumour-bearing mice
- Immunity, Cell-mediated
Todd CW; Goodgame RW; Colley DG
1980 Am J Trop Med and Hyg 29 (5 pt 1) Sept 875-881 Wa
Schistosoma mansoni, human, further analysis of interactions between patient sera and lymphocytes during in vitro blastogenesis to schistosome antigen preparations, results show that expression of suppressive effects of chronic serum depends both on capacity of sera to suppress and capability of peripheral blood mononuclear cells to be suppressed
- Immunity, Cell-mediated
Trizio D; Della Bruna C; Isetta AM
1980 Immunology 40 (3) July 353-358 Wa
Schistosoma mansoni in different strains of mice, time course of modification of immune responsiveness after cercarial exposure: antibody response, mitogen responsiveness, delayed hypersensitivity; both immunostimulation and immunodepression observed
- Immunity, Cell-mediated
Van Dam RH et al
1981 Vet Parasitol 8 (1) Feb 1-11 Wa
Trypanosoma vivax, goats (exper.), suppression of humoral and cell-mediated immunity
- Immunity, Cell-mediated
Van Neste D
1981 Internat J Dermat 20 (4) May 264-269 Wm
Sarcoptes scabiei var. hominis, life physiological activities (skin penetration, burrowing mechanism, egg hatching, moults) studied by electron microscopy, possible role of materials associated with these life activities as activators of both cellular and humoral aspects of the host's immune system
- Immunity, Cell-mediated
Vardhani VV; Johri CN
1981 J Hyg Epidemiol Microbiol and Immunol 25 (2) 150-154 Wa
Ancylostoma caninum, mice, adoptive immunization with mesenteric lymph node cells, results of challenge 28 days after cell transfer
- Immunity, Cell-mediated
Vinayak VK et al
1980 Trop and Geogr Med 32 (4) Dec 298-302 Wa
Entamoeba histolytica, patients with amoebic colitis or hepatic abscess, cell-mediated immune response (CMIR) and humoral antibody response studied using various serologic tests, no clear-cut correlations between CMIR and humoral antibody response were found but CMIR appears to be altered in amoebic patients during acute illness
- Immunity, Cell-mediated
Vinayak VK et al
1981 Ann Trop Med and Parasitol 75 (2) Apr 265-267 Wa
Giardia lamblia, mice, adoptive transfer of immunity with immune spleen cells, immune serum failed to protect mice from infection
- Immunity, Cell-mediated
Vinayak VK; Bhatia A; Aggarwal A
1981 Indian J Med Research 73 Suppl Jan 67-72 Wa
Plasmodium berghei-infected mice immunodepressed with cortisone or whole body irradiation, immunodepression afforded protection against parasite

Immunity, Cell-mediated

Wadee AA; Sher R
1980 Immunology 41 (4) Dec 989-995 Wm
Schistosoma haematobium, soluble factor released by sensitized mononuclear cells incubated with parasite ova, effects on eosinophil migration, findings may reflect in vitro correlate of cell-mediated immunity and may indicate role played by lymphocyte in control of eosinophil function in human biology

Immunity, Cell-mediated

Wakelin D; Donachie AM
1981 Immunology 43 (4) Aug 787-792 Wa
Trichinella spiralis, adoptive transfer experiments in mouse radiation chimaeras, results indicate that genetic control of worm expulsion is expressed at level of bone marrow-derived cell population and is independent of lymphocyte responsiveness

Immunity, Cell-mediated

Weil GJ; Ottesen EA; Powers KG
1981 Exper Parasitol 51 (1) Feb 80-86 Wa
Dirofilaria immitis, dogs (exper.), parasite-specific humoral (IgG (enzyme-linked immunosorbent assay) and IgE (passive cutaneous anaphylaxis) titers) and cellular (lymphocyte transformation) immune responses, results consistent with observations in other host-parasite systems which suggest that in chronic tissue helminth infections cellular responses to parasite antigens are depressed while antibody reactions to the same antigens are relatively preserved

Immunity, Cell-mediated

Weiss N; Tanner M
1980 J Parasitol 66 (2) Apr 338-339 Wa
Dipetalonema viteae, hamsters, responses of lymph node cells to xenogeneic mitomycin-treated leukocytes not substantially affected by infection

Immunity, Cell-mediated

Weissberger H; Golenser J; Spira DT
1980 Exper Parasitol 50 (1) Aug 136-143 Wa
Plasmodium berghei, specific stimulation of rat lymphocytes by soluble antigens released in vitro from infected erythrocytes

Immunity, Cell-mediated

Welch JS; Dobson C
1981 Tr Roy Soc Trop Med and Hyg 75 (1) 5-14 Wa
parasitic diseases, immunodiagnosis, utility of in vitro lymphocyte proliferative responsiveness with particular reference to sensitivity and specificity using antigens purified by affinity chromatography, comparison with 3 immunofluorescence tests

Immunity, Cell-mediated

Weller PF; Ottesen EA; Heck L
1980 Am J Trop Med and Hyg 29 (5 pt 1) Sept 809-814 Wa
Wuchereria bancrofti, human, immediate and delayed hypersensitivity skin test responses to *Dirofilaria immitis* filarial skin test (Sawada) antigen, findings document limitations of this antigen preparation in immunodiagnosis of filariasis in residents of an endemic area: Mauke, Cook Islands

Immunity, Cell-mediated

Willadsen P
1980 Advances Parasitol 18 293-313 Wa
immunity to ticks, review: expression of immunity; nature of immunological response (antibody and complement; delayed hypersensitivity; immediate hypersensitivity; cellular reactions); artificial immunization and nature of tick antigens

Immunity, Cell-mediated

Wing EJ; Remington JS
1980 Immunology 40 (2) June 239-246 Wa
activated macrophages pre-incubated in vitro enhance rather than suppress mitogen-stimulated lymphocyte transformation but paradoxically do not lose capacity to inhibit multiplication of intracellular *Toxoplasma gondii*

Immunity, Cell-mediated

Wyler DJ et al
1981 J Infect Dis 144 (3) Sept 254-262 Wa
Schistosoma mansoni, in vitro model, metabolic interactions between egg granuloma soluble products and fibroblasts, influence on pathogenesis of hepatic fibrosis, implications also for *S. japonicum* producing granulomas

Immunity, Cell-mediated

Wyler DJ; Blackman HJ; Lunde MN
1980 Am J Trop Med and Hyg 29 (6) Nov 1181-1186 Wa
Toxoplasma gondii, patients with toxoplasmal retinochoroiditis vs. seropositive and seronegative controls, antibody titers, in vitro lymphoproliferative responses to toxoplasmal and retinal antigens, observations raise possibility of autoimmune component in pathogenesis of relapses in toxoplasmal retinochoroiditis

Immunity, Cellular See Immunity, Antibody-dependent cell-mediated; Immunity, Cell-mediated

Immunity, Circumoval precipitin test See Immunity, Precipitation

Immunity, Complement See Complement; Immunity, Complement fixation

Immunity, Complement fixation

Aikat BK et al
1979 Indian J Med Research 70 Oct 592-597 Wa
kala-azar, diagnosis in human subjects sampled from endemic area, counter immunoelectrophoresis, distinct relationship between test positivity, splenic size, and duration of illness, comparison with other serological tests: Bihar

Immunity, Complement fixation

de Almeida JWR; Camargo ME; Amato Neto V
1980 Rev Inst Med Trop S Paulo 22 (2) Mar-Apr 78-81 Wm
Trypanosoma cruzi, non-treated patients with chronic Chagas infection, variations in serum titers obtained with complement fixation test make this test unacceptable as an evaluation index for therapeutics

Immunity, Complement fixation

Amerault TE et al
1980 Am J Vet Research 41 (3) Mar 435-438 Wa
Anaplasma marginale, cattle, effect of phenol on card-agglutination and micro-complement-fixation tests

- Immunity, Complement fixation
 Amerault TE; Rose JE; Kuttler KL
 1981 Am J Vet Research 42 (6) June 1055-1056 Wa
 Anaplasma marginale, cows, comparative titration of antibodies by card agglutination and complement-fixation tests
- Immunity, Complement fixation
 Applewhaite LM; Craig TM; Wagner GG
 1981 Trop Animal Health and Prod 13 (1) Feb 13-18 Wa
 Babesia bigemina, B. bovis, native and imported cattle, serological prevalence, comparison of indirect fluorescent antibody and complement fixation tests, effect of host age: Guyana
- Immunity, Complement fixation
 Aspoeck H
 1980 Med Lab 33 (9) Sept 240-248 Wm
 Toxoplasma, humans, diagnosis, immunological test comparisons (immunofluorescence, Sabin-Feldman dye test, complement fixation, indirect hemagglutination test)
- Immunity, Complement fixation
 Cacciapuoti B et al
 1981 Boll Ist Sieroterap Milanese 60 (2) May 31, 121-128 Wa
 Toxoplasma, prevalence of infection in mothers in labor and their newborn babies vs. prevalence of antitoxoplasma antibodies (indirect immunofluorescence and modified complement fixation tests) in the same pairs, hypothesis of long-lasting passive congenital immunity to Toxoplasma infection: Bergamo, Italy
- Immunity, Complement fixation
 Carrier Y et al
 1980 Bull World Health Organ 58 (1) 99-105 Wa
 Toxoplasma gondii, humans, diagnosis, evaluation of the enzyme-linked immunosorbent assay and other serological tests, techniques and sera evaluated in 3 different laboratories
- Immunity, Complement fixation
 Chatterjee RK et al
 1978 Indian J Med Research 67 Jan 34-41 Wa
 Chandlerella hawkingi, antiserum raised in rabbits, precipitating and complement-fixing antibodies, antigenic mosaic, cross reactions with Litomosoides carinii and Wuchereria bancrofti, possibility of using avian filarial antigens in diagnosis of human filariasis
- Immunity, Complement fixation
 Donnelly J et al
 1980 Trop Animal Health and Prod 12 (1) Feb 50-60 Wa
 Babesia equi, B. caballi, horses, comparison of complement fixation and immunofluorescent antibody tests in prevalence survey; presence of tick vectors: Sultanate of Oman
- Immunity, Complement fixation
 Donnelly J; Joyner LP; Frank C
 1980 Trop Animal Health and Prod 12 (4) Nov 253-258 Wa
 Babesia equi, B. caballi, prevalence in horses, comparison of complement fixation and indirect fluorescent antibody tests; Hyalomma anatolicum anatolicum present: Kuwait
- Immunity, Complement fixation
 Duffus WPH; Wagner GG
 1980 Vet Parasitol 6 (4) Mar 313-324 Wa
 Theileria parva, cattle (nat. and exper.), immunodiagnosis, comparison of 5 serological tests using piroplasm antigen (indirect fluorescent antibody, indirect haemagglutination, complement fixation, capillary agglutination, and immunodiffusion)
- Immunity, Complement fixation
 Faria R
 1980 Rev Paul Med 96 (1-2) July-Aug 33-36 Wm
 Trypanosoma cruzi, diagnostic screening of potential blood donors using the complement fixation test and antigen stabilized against enzymatic hydrolytic denaturation and bacterial contamination, potentially more efficient and accurate test
- Immunity, Complement fixation
 Ferrucci M
 1980 Quad Sclavo Diag Clin e Lab 16 (2) June 176-192 Wm
 toxoplasmosis, humans, comparative review of currently used diagnostic tests
- Immunity, Complement fixation
 Filice G et al
 1981 Boll Ist Sieroterap Milanese 60 (2) May 31 129-136 Wa
 toxoplasmosis, human, serological diagnosis, new complement fixation test compared with indirect immunofluorescence and indirect haemagglutination tests
- Immunity, Complement fixation
 Francis DH; Buening GM; Amerault TE
 1980 Am J Vet Research 41 (3) Mar 362-367 Wa
 Anaplasma marginale, cattle, evaluation of potential of dodecanoic acid conjugation of vaccines in limiting isoimmune response; characterization of humoral immune responses to Anaplasma and erythrocyte components of Anaplasma vaccine
- Immunity, Complement fixation
 Fuchs AP et al
 1980 Rev Inst Med Trop S Paulo 22 (5) Sept-Oct 242-245 Wm
 T[rypanosoma] cruzi, Chagas disease patients, serological diagnostic test results compared (indirect immunofluorescence, indirect hemagglutination, complement fixation, ELISA) with clinical findings
- Immunity, Complement fixation
 Fuchs V et al
 1981 Ceskoslov Gynek 46 (1) Feb 7-11 Wm
 pregnant women who had undergone amniocentesis for possible genetic problems of fetuses, serological diagnostic tests showed higher than average positive reactions for toxoplasmosis
- Immunity, Complement fixation
 Fujinaga T; Minami T
 1981 Vet Parasitol 8 (2) May 115-126 Wa
 Theileria sergenti, Babesia ovata, cattle (exper.), relationships between parasitaemia, erythrocyte counts, indirect fluorescent antibody- and complement fixation-test titres, use of IFA and CF tests for serodiagnosis of natural infections of theileriosis and babesiosis in cattle in Japan

- Immunity, Complement fixation
Fujisaki K; Takeuchi S; Kitaoka S
1980 Japan J Vet Sc 42 (5) Oct 587-593 Wm
Haemaphysalis longicornis, rabbits repeatedly infested with female ticks, development of acquired resistance and production of precipitating and complement-fixing antibodies
- Immunity, Complement fixation
Furtado T
1980 An Brasil Dermat 55 (2) Apr-June 81-86 Wm
American cutaneous leishmaniasis, human, diagnosis, review: detection of organisms, skin tests, complement fixation, indirect immunofluorescence
- Immunity, Complement fixation
Heyberger K et al
1979 Sborn Lekar 81 (11-12) Nov-Dec 347-348 Wm
toxoplasmosis, trichomoniasis, humans, diagnosis, leukocyte adherence inhibition test, results compare favorably with complement fixation and immunofluorescence tests
- Immunity, Complement fixation
Hoerchner F; Bofenschen F; Zander B
1979 Tropenmed u Parasitol 30 (3) Sept 265-273 Wa
Trypanosoma b. brucei, T. congolense, T. vivax, serological differentiation, immunoperoxidase, immunofluorescence, immunoperoxidase-complement fixation, and immunofluorescence-complement fixation tests compared
- Immunity Complement fixation
Jacquemin JL; Colasson F; Larroque V
1980 Arch Med Ouest 12 (6) June-July 307-311 Wm
toxoplasmosis, pregnant women, diagnostic serology, prophylactic measures suggested
- Immunity, Complement fixation
Jira J et al
1980 Casop Lek Cesk 119 (12-13) Mar 369-372 Wm
Toxoplasma gondii, human sera, diagnosis, complement fixation test vs. indirect fluorescent antibody test
- Immunity, Complement fixation
Joyner LP; Donnelly J; Huck RA
1981 Equine Vet J 13 (2) Apr 103-106 Wa
Babesia equi, B. caballi, complement fixation tests performed on horses destined for international movement from Great Britain and Ireland during 1976 to 1979, all positive animals had spent some part of their life outside the British Isles, test not really suitable for equids other than horses
- Immunity, Complement fixation
Knierim F et al
1980 Bol Chileno Parasitol 35 (3-4) July-Dec 62-66 Wm
Toxoplasma gondii, humans, diagnosis, comparative evaluation of indirect hemagglutination test, dye test, and complement fixation test
- Immunity, Complement fixation
Kozojed V et al
1980 Casop Lek Cesk 119 (48) Nov 28 1310-1315 Wm
Toxoplasma antigen used to compare indirect haemagglutination test with complement fixation and indirect fluorescent antibody tests, diagnosis of human toxoplasmosis
- Immunity, Complement fixation
van Loon A; van der Veen J
1980 J Clin Path 33 (7) July 635-639 Wa
Toxoplasma gondii, enzyme-linked immunosorbent assay for quantitation of antibodies in human sera, sensitivity compared with immunofluorescence and complement fixation
- Immunity, Complement fixation
Luther DG; Cox HU; Nelson WO
1980 Am J Vet Research 41 (12) Dec 2085-2086 Wa
anaplasmosis, comparisons of complement-fixation and card-agglutination tests with calf inoculations for detection of carriers in herd of cattle 15 months after discontinuing vaccination for anaplasmosis
- Immunity, Complement fixation
McHardy N
1980 Vet Parasitol 7 (4) Dec 287-296 Wa
Anaplasma marginale, cattle, serological responses (complement fixation and capillary tube agglutination tests) following treatment with gloxazone
- Immunity, Complement fixation
Miller EC
1980 Zentralbl Gynak 102 (5) 283-294 Wm
Toxoplasma gondii, humans, diagnosis, qualitative and quantitative comparisons of dye test, complement fixation, and intradermal test
- Immunity, Complement fixation
Miller EC
1980 Zentralbl Gynak 102 (13) 702-708 Wm
Toxoplasma gondii, humans, changes in antibody titers during pregnancy determined using the dye test, skin test, and complement fixation test, diagnostic value of titer changes and correlations with choriogonadotropic hormones excreted in urine
- Immunity, Complement fixation
Minami T et al
1980 National Inst Animal Health Quart Tokyo 20 (2) Summer 44-52 Wa
Theileria sergenti, comparison of Japanese and Russian strains in cattle: morphology, clinical and hematologic findings, transmission by Haemaphysalis longicornis, serology in complement fixation and indirect fluorescent antibody tests
- Immunity, Complement fixation
Pakan J et al
1980 Bratisl Lekar Listy 73 (5) May 580-585 Wm
toxoplasmosis, diagnostic importance of sero-immunological testing of pregnant women in order to reduce prenatal infections and abortions: Bratislava
- Immunity, Complement fixation
Paull NI; et al
1980 Austral Vet J 56 (6) June 267-271 Wa
Anaplasma marginale, Bos indicus-cross calves, epidemiologic aspects in 2 endemic areas, clinical, haematological, and serological responses in vaccinated and unprotected calves, seasonal activity of Boophilus microplus, complement fixation test most effective in detection of recent infections: northern Queensland

Immunity, Complement fixation

Pereira CA et al
1980 Rev Inst Med Trop S Paulo 22 (4) July-Aug
180-183 Wm
Trypanosoma cruzi, human serum, diagnosis,
automated complement fixation test, more sen-
sitive than similar techniques, applications
for blood banks and research using large num-
bers of serum samples

Immunity, Complement fixation

Peters M et al
1979 Tropenmed u Parasitol 30 (4) Dec 409-416
Wa
Entamoeba histolytica, human hepatic ab-
scesses, retrospective clinical evaluation of
27 cases: diagnostic methods, clinical find-
ings, medical vs. surgical therapy

Immunity, Complement fixation

Pokorny J et al
1979 J Hyg Epidemiol Microbiol and Immunol 23
(3) 353-356 Wa
Toxoplasma gondii, tween-ether antigen com-
pared with frozen and thawed as well as com-
mercial antigens for diagnosis of toxoplas-
mosis in human sera, complement fixation and
Sabin-Feldman tests

Immunity, Complement fixation

Rugai E et al
1979 Rev Inst Adolfo Lutz 39 (1) June 1-3 Wa
Trypanosoma cruzi, in vitro technique for
preparing methylic antigen for complement
fixation test

Immunity, Complement fixation

Salfelder A; Mannweiler E
1981 Tropenmed u Parasitol 32 (3) Sept 194-196
Wa
mucocutaneous leishmaniasis, malaria, Chagas'
disease, amebiasis, patient sera examined with
5 antigens (Leishmania donovani, Trypanosoma
cruzi, Plasmodium fieldi, P. falciparum, Enta-
moeba histolytica) in indirect fluorescent an-
tibody test, complement fixation test, indirect
hemagglutination test, and latex agglutination
test: Venezuela

Immunity, Complement fixation

Siau Y
1980 Ztschr Parasitenk 62 (1) 1-6 Wa
Myxobolus exiguus, lyophilized antigens in-
jected into rabbits and Mugil cephalus, pres-
ence of antibodies in serum evaluated by
several immunologic techniques

Immunity, Complement fixation

Soule C; Chevrier L; Dorchies P
1979 Rev Med Vet Toulouse 130 (11) Nov 1523-1529
Wa
Babesia equi, B. caballi, horses, serological
diagnosis using complement fixation micro-
technique

Immunity, Complement fixation

Spencer HC et al
1980 Am J Trop Med and Hyg 29 (2) Mar 179-182
Wa
Trypanosoma cruzi, human, serodiagnosis, evalu-
ation of micro enzyme-linked immunosorbent as-
say, comparison with complement fixation and
indirect fluorescent antibody tests

Immunity, Complement fixation

Staaak C; Kelley S
1979 Tropenmed u Parasitol 30 (3) Sept 283-286
Wa
Trypanosoma-infected cattle under controlled
drug regimes, complement fixation test assess-
ment showed that therapy was insufficiently
effective: Kenya

Immunity, Complement fixation

Tabel H et al
1981 Tropenmed u Parasitol 32 (3) Sept 149-153
Wa
Trypanosoma vivax, T. congolense, cattle, ser-
um levels of immunoglobulins, natural hetero-
phile antibodies to chicken and sheep red
blood cells, and complement-fixing antibodies
to T. vivax, concluded that there was little
evidence for polyclonal activation of lympho-
cytes and that decreased IgG₁ levels in T.
congolense group might have been reflection of
immunosuppression, complement fixation test
proved to be sensitive tool for monitoring
antibody response to T. vivax, analogous com-
plement fixation test could not be set up with
T. congolense

Immunity, Complement fixation

Tello P
1980 Bol Chileno Parasitol 35 (1-2) Jan-June
21-24 Wm
Toxoplasma gondii, diagnosis in pregnant women
and their newborn infants using various immuno-
logical tests, treatment recommendations

Immunity, Complement fixation

Thoen CO et al
1980 J Clin Microbiol 11 (5) May 499-502 Wm
Anaplasma marginale, cattle, diagnosis, enzyme-
linked immunosorbent assay, comparison with
card test and complement fixation test

Immunity, Complement fixation

Thomas V; Ogunba EO; Fabiyi A
1978 African J Med and Med Sc 7 (2) June 107-
112 Wm
parasitic infections, humans, application of
immunodiagnostic tests discussed in relation to
conditions operating in developing countries
where diagnostic facilities are often limited,
immunofluorescence antibody test identified as
the test that could be used universally with
success, review

Immunity, Complement fixation

Todorov T et al
1979 Bull World Health Organ 57 (5) 735-740 Wa
echinococcosis, patients operated on for pul-
monary infections, diagnostic value of 5 im-
munological tests compared

Immunity, Complement fixation

Todorov T et al
1979 Bull World Health Organ 57 (5) 741-750 Wa
pulmonary echinococcosis, humans, comparison
of geometric mean titres of antibody response
using 5 immunodiagnostic procedures and the
role of certain factors in determining immuno-
reactivity

Immunity, Complement fixation

Todorov T; Stoianov G
1979 Bull World Health Organ 57 (5) 751-758 Wa
echinococcosis, humans, hepatic vs. pulmonary
cysts, antibody levels studied by various
immunological tests before and after surgical
therapy, prognosis based on changes in titres

- Immunity, Complement fixation
Tomlinson MJ et al
1981 Am J Vet Research 42 (8) Aug 1444-1446 Wa
Trypanosoma cruzi, dogs, serological survey using complement-fixation and direct-agglutination tests: southeastern United States
- Immunity, Complement fixation
Vottero-Cima E; Faillaci MG; Rubiolo E
1979 Acta Physiol Latinoam 29 (4-5) 263-270 Wa
Trypanosoma cruzi, humans, detection of humoral immune response, solid-phase micro-radioimmunoassay test, comparison with complement-fixation, indirect hemagglutination, and immunofluorescence tests
- Immunity, Complement fixation
Windon RG; Dineen JK
1981 Internat J Parasitol 11 (1) Feb 11-18 Wa
Trichostrongylus colubriformis, effect of selection of both sire and dam on response of F₁ generation lambs to vaccination with irradiated larvae, faecal egg counts, levels of complement-fixing antibody in serum, in vitro lymphocyte stimulation
- Immunity, Congenital See Immunity, Native;
Immunity, Passive
- Immunity, Cross-immunity See Immunity, Cross-reactions
- Immunity, Cross-reactions
Anderson JF; Magnarelli LA; Sulzer AJ
1980 Am J Vet Research 41 (12) Dec 2102-2105 Wa
Babesia gibsoni, dogs (nat. and exper.), diagnosis, indirect fluorescent antibody test, reciprocal titers of anti-B. gibsoni sera to homologous and heterologous Babesia antigens and to Plasmodium antigens
- Immunity, Cross-reactions
Anthony RL; Christensen HA; Johnson CM
1980 Am J Trop Med and Hyg 29 (2) Mar 190-194 Wa
New World leishmaniasis, human, serodiagnosis, micro enzyme-linked immunosorbent assay with Leishmania braziliensis panamensis promastigote antigens, comparison with indirect immunofluorescence, unidirectional cross-reactivity with sera from Chagas' disease patients
- Immunity, Cross-reactions
Bell RG; McGregor DD
1980 Infect and Immun 29 (1) July 186-193 Wa
Trichinella spiralis, parabiotic rats used to demonstrate requirement for 2 discrete stimuli for induction of intestinal rapid expulsion response: immunologically specific systemic component (induced by preadults); nonspecific local intestinal component (induced by adult trichinae or by Heligmosomoides polygyrus)
- Immunity, Cross-reactions
Bell RG; McGregor DD
1980 Infect and Immun 29 (1) July 194-199 Wa
Trichinella spiralis, rats, coinduction of rapid expulsion response by using antigenic extracts of larvae and intestinal stimulation with unrelated parasite (Heligmosomoides polygyrus)
- Immunity, Cross-reactions
Ben-Ismail R et al
1980 Am J Trop Med and Hyg 29 (2) Mar 239-245 Wa
Echinococcus granulosus, Fasciola hepatica, P1 antigen sharing may be responsible for hydatid indirect hemagglutination test cross-reactivity in P1-negative individuals
- Immunity, Cross-reactions
Bottone U; Orlandi M
[1980] Riv Parassitol Roma 40 (1-2) 1979 171-175 Issued Feb Wa
Toxocara canis, Ascaris suum, rabbits (exper.), diagnosis, peritoneal cell adherence reaction test, cross-reactions observed
- Immunity, Cross-reactions
Callow LL; et al
1979 Austral Vet J 55 (12) Dec 555-559 Wa
Babesia equi, horses, evaluation of indirect fluorescent antibody test, diagnosis; cross-reactivity between B. equi and B. bovis of cattle suggested that B. bovis would not interfere with test for B. equi, but that reverse was possible
- Immunity, Cross-reactions
Chandra R et al
1978 Indian J Med Research 68 July 61-66 Wa
Wuchereria bancrofti, subjects from endemic vs. non-endemic area, diagnosis by skin test, comparison of Brugia malayi infective larval whole worm antigen vs. homologous W. bancrofti larval antigen, no cross reactions with helminth infections
- Immunity, Cross-reactions
Chatterjee RK et al
1978 Indian J Med Research 67 Jan 34-41 Wa
Chandlerella hawkingi, antiserum raised in rabbits, precipitating and complement-fixing antibodies, antigenic mosaic, cross reactions with Litomosoides carinii and Wuchereria bancrofti, possibility of using avian filarial antigens in diagnosis of human filariasis
- Immunity, Cross-reactions
Christensen NO et al
1980 Exper Parasitol 49 (1) Feb 116-121 Wa
Schistosoma mansoni, Fasciola hepatica, mice, cross-resistance, not stimulated by single-sex schistosome infections
- Immunity, Cross-reactions
Christensen NO et al
1981 Ztschr Parasitenk 65 (3) 293-298 Wa
Schistosoma spp., primary mixed-sex vs. single-sex infections, mice, cross-resistance to challenge with Fasciola hepatica and Echinostoma
- Immunity, Cross-reactions
Conder GA; Andersen FL; Schantz PM
1980 J Parasitol 66 (4) Aug 577-584 Wa
Echinococcus granulosus, sheep (exper.), immunodiagnosis, evaluation of double diffusion, immunoelectrophoresis, indirect hemagglutination, and intradermal tests, some cross-reactions with serum from Taenia hydatigena-infected sheep
- Immunity, Cross-reactions
Craig PS et al
1981 Parasitology 83 (2) Oct 303-317 Wa
Echinococcus granulosus, sheep, murine hybridoma-derived antibodies in processing of antigens for immunodiagnosis

Immunity, Cross-reactions

Craig PS; Rickard MD
1980 Ztschr Parasitenk 61 (3) 287-297 Wa
Taenia saginata, use of 'crude' antigen in micro-enzyme-linked immunosorbent assay for diagnosis of T. saginata cysticercosis in cattle (nat. and exper.), cross-reactions with sera from cattle harbouring other common parasites particularly Fasciola hepatica

Immunity, Cross-reactions

Craig PS; Rickard MD
1981 Internat J Parasitol 11 (6) Dec 441-449 Wa
larval cestode infections of cattle and sheep, attempt at specific immunodiagnosis using antigens purified by affinity chromatography in enzyme-linked immunosorbent assay

Immunity, Cross-reactions

Cursons RTM; et al
1980 Infect and Immun 29 (2) Aug 408-410 Wa
Naegleria spp., sensitized guinea pigs, cross-reactivity of homologous and heterologous antigens as judged by delayed hypersensitivity skin test and macrophage inhibition test, possible role of cell-mediated immunity in defense against pathogenic free-living amoebae

Immunity, Cross-reactions

Dasgupta A et al
1980 J Helminth 54 (2) June 83-86 Wa
Wuchereria bancrofti, human, immunodiagnosis, detection of precipitin antibody and soluble circulating antigen by counterimmunoelectrophoresis using Litomosoides carinii antigen/antibody system

Immunity, Cross-reactions

Dash KM
1981 Internat J Parasitol 11 (3) June 201-207 Wa
Oesophagostomum columbianum, O. venulosum, sheep (exper.), single and mixed infections, interactions studied by comparing establishment, development, and distribution of each species, results discussed in relation to changes in incidence of the two species in sheep on the Northern Tablelands of New South Wales

Immunity, Cross-reactions

Derouin F et al
1980 Path Biol 28 (7) Sept 465-468 Wa
schistosomiasis, human, enzyme-linked immunosorbent assay using Schistosoma mansoni antigens, false positive reactions with certain other parasitic and non-parasitic diseases, comparison with immunofluorescence and immunoenzymology done on adult sections

Immunity, Cross-reactions

Dissanayake S; Ismail MM
1980 Bull World Health Organ 58 (4) 649-654 Wa
Setaria digitata antigens, characterization, cross-reaction with surface antigens of Wuchereria bancrofti microfilariae and serum antibodies of W. bancrofti-infected subjects demonstrated with inhibition of indirect immunofluorescence and enzyme-linked immunosorbent assay technique respectively

Immunity, Cross-reactions

Dissanayake S; Ismail MM
1980 Bull World Health Organ 58 (4) 655-657 Wa
Wuchereria bancrofti infection in man, diagnosis using enzyme-linked immunosorbent assay with Setaria digitata as antigen, immune sera from cattle infected with S. digitata can be used to selectively block cross reactions with serum antibodies in subjects who show no evidence of W. bancrofti infection

Immunity, Cross-reactions

Doy TG; Hughes DL; Harness E
1981 Parasite Immunol 3 (2) Summer 171-180 Wa
Fasciola hepatica, rats, heterologous protection against challenge by prior infection with Nippostrongylus brasiliensis, resistance appeared to be associated with prior induction of intestinal eosinophilia

Immunity, Cross-reactions

Eugui EM; Allison AC
1979 Bull World Health Organ 57 suppl 1 231-238 Wa
Plasmodium chabaudi, course of infection in different strains of mice, cross immunity between P. chabaudi and P. yoelii in different mouse strains, changes in spleen at different intervals after infection, natural killer activity in spleens of mice infected with malaria

Immunity, Cross-reactions

Falk ES; Bolle R
1980 Brit J Dermat 103 (3) Sept 283-288 Wa
Sarcoptes scabiei, humans, positive radioallergosorbent test to Dermatophagoides pteronyssinus, elevated serum IgE concentrations, atopic disease

Immunity, Cross-reactions

Forsyth KP et al
1981 Acta Trop 38 (3) Sept 343-352 Wa
Onchocerca gibsoni, major radioiodinated cuticular antigens of microfilariae are neither species nor Onchocerca specific, implications for potential of microfilarial cuticular antigens for immunodiagnosis of human filariasis

Immunity, Cross-reactions

Franco EL et al
1980 J Clin Microbiol 12 (6) Dec 780-784 Wa
Toxoplasma gondii IgG and IgM polar staining in indirect immunofluorescence test, prevalence of positive reactions in sera of patients with Trypanosoma cruzi, Leishmania donovani, and L. braziliensis

Immunity, Cross-reactions

Fuchs R; Barcinski MA
1981 J Parasitol 67 (4) Aug 463-467 Wa
Herpetomonas samuelpessoai, dependence on macrophages of guinea pig T-cell immune response, demonstration of cross-reactivity at cellular level between H. samuelpessoai and Trypanosoma cruzi antigens

Immunity, Cross-reactions

Fujinaga T; Minami T; Ishihara T
1980 Research Vet Sc 29 (2) Sept 230-234 Wa
Babesia sp., large species from Japanese cattle, serological relationships with B. major (British and Dutch strains), B. bigemina (Kochinda strain) and B. bovis (Miyara strain), immunofluorescent antibody technique

- Immunity, Cross-reactions
Fuller GK; Lemma A; Haile T
1980 Tr Roy Soc Trop Med and Hyg 74 (2) 205-208
Wa
people with varying histories of exposure to Trypanosoma and Leishmania, comparison of skin-test responses using antigen from Leishmania donovani and a lizard trypanosome, sex differences: Ethiopia
- Immunity, Cross-reactions
Geerts S et al
1981 Research Vet Sc 30 (3) May 288-293 Wa
Taenia saginata cysticercosis, cattle (nat. and exper.), serodiagnosis, enzyme linked immunosorbent assay using T. crassiceps metacestode antigen, sensitivity and specificity
- Immunity, Cross-reactions
Geerts S et al
1981 Vet Parasitol 8 (4) Sept 299-307 Wa
Taenia saginata cysticercosis in cattle (nat. and exper.), diagnosis, comparative evaluation of immunoelectrophoresis, counterimmunoelectrophoresis, and enzyme linked immunosorbent assay (T. saginata used as antigen for first 2, T. crassiceps for ELISA), also tested against sera of cattle and sheep with other helminth infections, some cross-reactions, none of 3 tests sufficiently reliable to make diagnosis on individual basis, may be useful for diagnosis on herd basis
- Immunity, Cross-reactions
Geerts S; Kumar V; Aerts N
1980 Ann Soc Belge Med Trop 60 (2) June 173-182
Wa
Taenia saginata cysticercosis, cattle (exper.), rapid diagnosis using counterimmunoelectrophoresis, procedural details, comparisons with immunoelectrophoresis method, few cross reactions with other parasitic infections
- Immunity, Cross-reactions
Giambrone JJ; Klesius PH
1980 Poultry Science 59 (8) Aug 1715-1721 Wa
Eimeria spp., correlation between resistance and delayed hypersensitivity reactions in chickens previously immunized by repeated infections with living parasites or Coccivac D; immunologic cross reactivity of E. tenella, E. necatrix, E. maxima, and E. bovis
- Immunity, Cross-reactions
Gill BS et al
1980 Research Vet Sc 29 (1) July 93-97 Wa
Theileria annulata, susceptible calves, immunological relationships among 5 Indian strains (virulence, protection against homologous and heterologous challenges)
- Immunity, Cross-reactions
Gorin PAJ; Barreto-Bergter EM; da Cruz FS
1981 Carbohydrate Research 88 (2) Feb 2 177-188
Wa
Trypanosoma cruzi, chemical structure of D-galacto-D-mannan component, ¹³C-N.M.R. shift dependence on structure of D-galactose to D-mannose linkage, resemblances only to minor polysaccharide components of Herpetomonas samuelssoi and Crithidia fasciculata (which stimulate resistance against Chagas' disease in laboratory animals)
- Immunity, Cross-reactions
Goven BA; Dawe DL; Gratzek JB
1980 J Fish Biol 17 (3) Sept 311-316 Wa
Ichthyophthirius multifiliis, immunization of Ictalurus punctatus using ciliary and whole cell antigens of I. multifiliis and Tetrahymena pyriformis, T. pyriformis ciliary antigens provided greatest degree of protection
- Immunity, Cross-reactions
Goven BA; Dawe DL; Gratzek JB
1981 Aquaculture 23 (1-4) Apr 269-273 Wa
Ichthyophthirius multifiliis, protective immunity of Ictalurus punctatus against challenge infections by immunization with varying doses of Tetrahymena pyriformis ciliary antigen
- Immunity, Cross-reactions
Goven BA; Dawe DL; Gratzek JB
1981 Develop and Comp Immunol 5 (2) Spring 283-289 Wa
Ichthyophthirius multifiliis, Tetrahymena pyriformis, in vitro demonstration of serological cross-reactivity (immobilization test, indirect fluorescent antibody staining, passive hemagglutination), results indicate antigenic relationship
- Immunity, Cross-reactions
Gray MA et al
1980 Research Vet Sc 29 (3) Nov 360-366 Wa
Theileria parva, T. annulata, cattle, serodiagnosis, enzyme linked immunosorbent assay, comparison with indirect fluorescent antibody test, significant cross-reaction in ELISA with sera from calf infected with Babesia bigemina but not from animals infected with other Babesia spp. or Theileria spp.
- Immunity, Cross-reactions
Grootenhuis JG; Young AS; Uilenberg G
1981 Vet Parasitol 8 (1) Feb 39-47 Wa
Theileria taurotragi from Taurotragus oryx, Theileria sp. (Idobogo) from cattle, cross-transmission and cross-immunity studies, appears that they represent strains of the same species which are adapted to different hosts
- Immunity, Cross-reactions
Grun JL; Weidanz WP
1981 Nature London (5802) 290 Mar 12 143-145 Wa
Plasmodium chabaudi adami infection in B-cell-deficient mice results in activation of T-cell-dependent immune mechanism which terminates acute malaria in similar way to that in immunologically intact mice, these immunized B-cell-deficient mice were resistant to homologous challenge and P. vinckei challenge but not to P. yoelii or P. berghei
- Immunity, Cross-reactions
Guimaraes MCS et al
1981 Am J Trop Med and Hyg 30 (5) Sept 942-947
Wa
mucocutaneous leishmaniasis, kala-azar, and Chagas' disease sera tested in ELISA and immunofluorescence tests with Trypanosoma cruzi, Leishmania donovani, and L. braziliensis antigens, antigen obtained from live T. cruzi epimastigotes appears to be usable to distinguish between antibodies to T. cruzi and to Leishmania

Immunity, Cross-reactions

Hackett F et al
1981 Vet Parasitol 8 (2) May 137-142 Wa
Taenia hydatigena, diagnosis of metacystode infections in lambs, micro ELISA (T. hydatigena cyst fluid antigen) and indirect haemagglutination (T. hydatigena and T. multiceps cyst fluid antigens) tests

Immunity, Cross-reactions

Harrison LJS; Sewell MMH
1981 Research Vet Sc 31 (1) July 62-64 Wa
Taenia saginata, cattle, comparison of T. saginata proglottid extract, T. saginata metacystode excretory/secretory products, and T. crassiceps metacystode extract for use as serodiagnostic antigens in enzyme linked immunosorbent assay; cross-reaction of T. saginata proglottid extract with sera from Ostertagia ostertagi infected cattle: Britain

Immunity, Cross-reactions

Hayunga EG; Vannier WE; Chesnut RY
1981 J Parasitol 67 (4) Aug 589-591 Wa
Schistosoma haematobium, partial characterization of radiolabeled antigens, similarity to S. mansoni, S. japonicum, and Fasciola hepatica

Immunity, Cross reactions

Heath, DD; Lawrence SB; Yong WK
1979 Research Vet Sc 27 (2) Sept 210-212 Wa
Echinococcus granulosus, Taenia hydatigena, T. ovis, lambs, cross-protection from oral challenge with eggs from either homologous or heterologous species

Immunity, Cross-reactions

Heller-Haupt A; Varma MRG; Langi AO
1981 Tr Roy Soc Trop Med and Hyg 75 (1) 147-148 Wa
4 species of ixodid ticks on laboratory animals, acquired resistance to secondary infestation with same species but either partial or no resistance to infestation with another species

Immunity, Cross-reactions

Hillyer GV
1981 J Parasitol 67 (5) Oct 731-733 Wa
Schistosoma mansoni-infected mice develop resistance to infection with Fasciola hepatica

Immunity, Cross-reactions

Hillyer GV et al
1981 Am J Trop Med and Hyg 30 (1 pt 1) Jan 121-126 Wa
Schistosoma mansoni, S. haematobium, human, serodiagnosis, circumoval precipitin test, complete cross-reactivity between species, S. haematobium eggs from urine can be used, serum obtained by venipuncture is preferable to serum eluates obtained from blood on filter paper

Immunity, Cross-reactions

Hillyer GV; Pelley RP
1980 Am J Trop Med and Hyg 29 (4) July 582-585 Wa
Schistosoma mansoni, monoclonal hybridoma antibody to major serological egg antigen (anti-MSA₁) reacted with schistosome eggs forming circumoval precipitate, precipitate was seen when anti-MSA₁ was incubated with S. mansoni, S. haematobium, and S. japonicum eggs

Immunity, Cross-reactions

Hillyer GV; Sagramoso de Ateca L
1980 Am J Trop Med and Hyg 29 (4) July 598-601 Wa
Schistosoma mansoni or Fasciola hepatica in mice, antibody responses to antigen preparations from both species, Ouchterlony immunodiffusion, circumoval precipitin test, enzyme-linked immunosorbent assay, indirect hemagglutination

Immunity, Cross-reactions

Hillyer GV; Santiago de Weil N
1981 Internat J Parasitol 11 (1) Feb 71-78 Wa
Fasciola hepatica, mice, rats, rabbits, counterelectrophoresis useful for serodiagnosis and for predicting chemotherapeutic success; F. hepatica antigens cross react with antisera to [Schistosoma] mansoni adult worms or eggs

Immunity, Cross-reactions

Holder AA; Cross GAM
1981 Molec and Biochem Parasitol 2 (3-4) Feb 135-150 Wa
Trypanosoma brucei, glycopeptides from variant surface glycoproteins, amino acid and sugar composition and partial or complete amino acid sequence, C-terminal location of antigenically cross-reacting carbohydrate moieties

Immunity, Cross-reactions

Hurley JC; Day KP; Mitchell GF
1980 Austral J Exper Biol and Med Sc 58 (3) June 231-240 Wa
Nematospiroides dubius, accelerated rejection of intestinal worms in mice sensitized with adult worms or worm products by various routes, host age, sex, and strain as factors; some slight degree of cross-sensitization with Nippostrongylus brasiliensis

Immunity, Cross-reactions

Janechaiwat J et al
1980 J Med Ass Thailand 63 (8) Aug 439-447 Wm
Opisthorchis viverrini, immunoelectrophoresis test used to diagnose infection in man and to follow course of humoral immune response in hamsters infected with metacercariae; some cross reactions in humans infected with Mekong schistosomiasis or gnathostomiasis

Immunity, Cross-reactions

Johnston LAY; et al
1980 Austral Vet J 56 (3) Mar 116-118 Wa
Anaplasma marginale, comparison of direct fluorescent antibody and Giemsa staining for post-mortem diagnosis; cross reactions between A. marginale and A. centrale

Immunity, Cross-reactions

Kennedy MW
1980 Parasitology 80 (1) Feb 61-72 Wa
Trichinella spiralis, Nippostrongylus brasiliensis, immunologically-mediated non-specific interactions between intestinal phases of the two species in the mouse

Immunity, Cross-reactions

Keus A; Kloosterman A; van den Brink R
1981 Vet Parasitol 8 (3) July 229-236 Wa
Cooperia spp., Ostertagia spp., calves, detection of antibodies with enzyme linked immunosorbent assay, some degree of genus specificity when using L4 or adult antigens but not L3 antigens, stage-specificity observed for Cooperia L4 antigen for limited period after primary single infection

- Immunity, Cross-reactions
Khamis Y; Fahmy L
1979 Vet Med J Giza 25 (25) 1977 193-197 Is-
sued Jan 14 Wa
filariasis, large animals, diagnosis, evalu-
ation of intradermal test using *Dirofilaria*
immitis as antigen
- Immunity, Cross-reactions
Khan MA
1981 Canad Vet J 22 (2) Feb 36-41 Wa
Hypoderma spp., cattle, rabbits, and guinea
pigs (all exper.), diagnosis, intradermal test
using *H. lineatum* larval antigen, cross-
reaction against *H. bovis* infection
- Immunity, Cross-reactions
Kilejian A
1980 J Exper Med 151 (6) June 1 1534-1538 Wa
homology between histidine-rich protein from
Plasmodium lophurae and protein associated with
knob-like protrusions on membranes of *P. falciparum*-
infected erythrocytes, possible immuno-
logical cross-reactivity between these two
proteins
- Immunity, Cross-reactions
Kohanteb J; Ardehali S; Rezai HR
1980 Tr Roy Soc Trop Med and Hyg 74 (5) 582-584
Wa
Leishmania spp. promastigotes, antigenic rela-
tionships determined using electroimmunodiffu-
sion and crossed electroimmunodiffusion tests
- Immunity, Cross-reactions
Labastie MC et al
1981 Biochem and Biophys Research Commun 99 (2)
Mar 31 729-736 Wa
Trypanosoma equiperdum, variant specific
glycoproteins, cross reacting determinants and
chemical studies
- Immunity, Cross-reactions
Le Bras J et al
1980 Ann Soc Belge Med Trop 60 (2) June 163-171
Wa
Dracunculus medinensis, infected human serum,
specific antibody pattern without cross reac-
tion with other parasitic infections, study
used several immunodiagnostic tests
- Immunity, Cross-reactions
Lloyd S
1981 Parasitology 83 (1) Aug 225-242 Wa
progress in immunization against parasitic
helminths (immunization with irradiation-at-
tenuated helminths, with helminth extracts,
and with in vitro-produced metabolites, iso-
lation and characterization of functional
antigens, non-specific immunization, hetero-
logous immunization, oral immunization)
- Immunity, Cross-reactions
Lopez-Brea M
1980 Tr Roy Soc Trop Med and Hyg 74 (2) 283-284
Wa
kala-azar, human, 3 cases, diagnosis and
serological follow-up using *Crithidia* sp. as
antigen in immunofluorescence test
- Immunity, Cross-reactions
Mackenzie PKI; Lawrence JA
1979 Rhodesian Vet J 10 (3) Sept 64-66 Wa
Theileria lawrencei, cattle, indirect fluores-
cent antibody test using *T. parva* schizont an-
tigen; successful transmission of *T. lawrencei*
by *Rhipicephalus appendiculatus*
- Immunity, Cross-reactions
McLaren ML et al
1981 Tr Roy Soc Trop Med and Hyg 75 (1) 72-79
Wa
Schistosoma mansoni, human, serodiagnosis,
enzyme-linked immunosorbent assay, enhanced
sensitivity and specificity using fraction
containing *S. mansoni* egg antigens ω^1 and α^1
(specificity of 100% with respect to non-
schistosome infections and cases of avian cer-
arial dermatitis, 70% and 94% specificity
with respect to *S. japonicum* and *S. haemato-*
biium infections respectively)
- Immunity, Cross-reactions
McMahon Pratt D; David JR
1981 Nature London (5816) 291 June 18-24 581-583
Wa
Leishmania braziliensis, *L. mexicana*, produc-
tion of monoclonal antibodies specific for
these 2 species, assayed for cross-reactivity
with *Leishmania* spp. and *Trypanosoma cruzi*,
should be useful in taxonomic identification of
different species of New World leishmaniae as
well as for direct diagnosis of leishmaniasis
- Immunity, Cross-reactions
Malek EA
1981 Ztschr Parasitenk 65 (2) 137-142 Wa
Heterobilharzia americana, mice (exper.),
challenge with *Schistosoma mansoni* at dif-
ferent time intervals, *S. mansoni* worm recov-
ery rates and number of eggs deposited in host
tissue, concluded that a patent infection with
H. americana is necessary to confer immunity
against challenge infection with *S. mansoni*
- Immunity, Cross-reactions
Michael SA; El Refaii AHH; Morsy TA
1979 J Egypt Soc Parasitol 9 (2) Dec 299-304 Wa
Sarcocystis zoitae antigen, preparation for
slide agglutination test, no cross reaction
with *Toxoplasma*
- Immunity, Cross-reactions
Miller LH et al
1980 J Exper Med 151 (4) Apr 1 790-798 Wa
determinants on surface proteins of *Plasmodium*
knowlesi merozoites common to *P. falciparum*
schizonts
- Immunity, Cross-reactions
Mitchell GBB; Armour J
1981 Research Vet Sc 30 (3) May 343-348 Wa
Fasciola hepatica, sheep, effect of prior nema-
tode and cestode infection on course of infec-
tion, investigation of cross-immunizing prop-
erties of these parasites per se and modifica-
tion of any protective effect conferred by
immunomodulatory compound levamisole
- Immunity, Cross-reactions
Molineaux L et al
1980 Am J Trop Med and Hyg 29 (5 pt 1) Sept 725-
737 Wa
malaria, human, analysis of prevalence, inci-
dence, and parasite density by season and age
with respect to relationships among 3 *Plasmo-*
dium spp. present, possible (immunological)
explanations for observed excess of double in-
fections of *P. falciparum* and *P. malariae* and
of seasonal alternation between these 2 spe-
cies: Garki District, Kano State, Nigeria

Immunity, Cross-reactions

Mosca W et al
1979 Acta Cien Venezolana 30 (4) 401-404 Wa
Chagasic patients without evidence of cardiomyopathy, lymphocyte blastogenesis when challenged with *Trypanosoma cruzi*, *Leishmania brasiliensis* and BCG antigens, no significant cross-reactivity nor immunosuppression demonstrated

Immunity, Cross-reactions

Murphy JR
1980 Infect and Immun 27 (1) Jan 68-74 Wa
Plasmodium yoelii, mice, immunological characteristics of protracted state of immunity; little evidence of heterologous immunity to *P. berghei*

Immunity, Cross-reactions

Mutinga MJ; Ngoka JM
1981 Insect Sc and Its Applic 1 (2) 207-210 Wa
Phlebotomus spp., bloodmeal analysis, examination for promastigotes, incidence of leishmania parasites in lizards, incidence of human kala-azar, possible role of vectors of lizard leishmaniasis in partial immunization of human population against *L. donovani* in kala-azar endemic areas: Kenya

Immunity, Cross-reactions

Ngu JL et al
1981 Tropenmed u Parasitol 32 (3) Sept 165-170 Wa
Onchocerca volvulus, human, diagnostic skin test, excretory/secretory products of microfilariae from nodules used as antigen, low incidence of positive reactions in patients with *Loa loa* or *Ascaris*, same subjects skin tested with *Ascaris lumbricoides* somatic antigen also

Immunity, Cross-reactions

Niederkorn JY; Shaddock JA; Weidner E
1980 J Parasitol 66 (4) Aug 675-677 Wa
Microsporida spp., antigenic cross-reactivity among spores as determined by immunofluorescence

Immunity, Cross-reactions

Nilsson LA et al
1980 Tr Roy Soc Trop Med and Hyg 74 (2) 201-204 Wa
Schistosoma mansoni, human, serodiagnosis by thin layer immunoassay (TIA), comparison with passive haemagglutination and immunoprecipitation, cross-testing of sera of patients with different parasitic diseases using TIA plates coated with extracts from the relevant parasites

Immunity, Cross-reactions

Norton CC; Joyner LP
1980 Parasitology 81 (2) Oct 315-323 Wa
Eimeria mivati (including isolate thought at first to be *E. mitis*), *E. acervulina*, differentiation on basis of cross-immunity studies and pathogenicity (changes in body weight and oocyst output, distribution in intestine, density of parasites, analysis of villus height and mucosal thickness)

Immunity, Cross-reactions

Polderman AM; de Vries H; van de Water TPM
1980 Acta Leidensia 48 37-42 Wa
toxocarasis, human, serological diagnosis, unsuccessful attempts to increase specificity of ELISA by using fractions of larval *Toxocara canis* antigens, immunofluorescence on cuticle of intact larvae shown to be specific but not very sensitive test

Immunity, Cross-reactions

Powell C; Mathaba LT
1978 Med J Zambia 12 (3) June-July 67-69 Wm
[*Trypanosoma*] rhodesiense, sheep inoculated with homogenate vs. sheep inoculated with 'fraction 3', IgG and IgM antibody response, degree of immunoprotection against challenge with [*Trypanosoma*] vivax

Immunity, Cross-reactions

Rao YVBG et al
1980 Indian J Med Research 72 July 47-52 Wa
Wuchereria bancrofti, *Litomosoides carinii*, demonstration of shared antigens, countercurrent immunoelectrophoresis and indirect haemagglutination tests, agglutinating of *L. carinii* microfilariae by sera from filarial patients due to IgM antibodies

Immunity, Cross-reactions

Repka D et al
1980 Tropenmed u Parasitol 31 (2) June 239-246 Wa
Trypanosoma cruzi, surface antigenic determinant of epimastigote forms common to trypomastigote and amastigote forms of different strains

Immunity, Cross-reactions

Rezai HR et al
1980 Acta Trop 37 (1) Mar 21-29 Wa
Toxoplasma gondii, mice, immunity induced by homologous and heterologous organisms

Immunity, Cross reactions

Ribeiro RD et al
1980 Rev Brasil Biol 40 (1) Feb 51-58 Wa
Trypanosoma cruzi, 3 strains isolated from *Callithrix jacchus* were pathogenic for white mice, experimental infection of T[riatoma] infestans, T. vitriceps, and R[hodnius] neglectus, role of C. jacchus as wild reservoir; blood trypomastigotes of monkey strain not inactivated by normal human serum and cross immunity tests showed that mice recovered from infections with monkey strains had high resistance against re-infection by Y strain of T. cruzi: Estado de Bahia, Brasil

Immunity, Cross-reactions

Rickard MD; Arundel JH; Adolph AJ
1981 Research Vet Sc 30 (1) Jan 104-108 Wa
Taenia saginata, cattle, immunization, preliminary field trial using antigens collected during in vitro cultivation of T. saginata or T. hydatigena oncospheres

Immunity, Cross-reactions

Rickard MD; Brumley JL
1981 Research Vet Sc 30 (1) Jan 99-103 Wa
Taenia saginata, calves, immunization using antigens collected by in vitro incubation of T. saginata oncospheres or ultrasonic disintegration of T. saginata and T. hydatigena oncospheres

- Immunity, Cross-reactions
Rifaat MA et al
1975 *Ain Shams Med J* 26 (2) Mar 173-179 Wm
Schistosoma haematobium, human, immunodiagnosis, skin testing using Fasciola gigantica antigens isolated by salting out and by DEAE-cellulose column chromatography
- Immunity, Cross-reactions
Rodriguez Osorio M; Gomez Garcia V; Campos Bueno M
1977 *Rev Iber Parasitol* 37 (1-2) Jan-June 81-85 Wa
Trichinella spiralis antigen of cuticular origin exhibits some cross reaction with Salmonella typhi and S. paratyphi when used in the indirect fluorescent antibody test
- Immunity, Cross-reactions
Roffi J et al
1980 *Am J Trop Med and Hyg* 29 (2) Mar 183-189 Wa
Leishmania tropica major, human, cutaneous leishmaniasis, diagnosis, enzyme-linked immunosorbent assay using homologous antigen, equally useful in diagnosing visceral (L. donovani infantum) and mucocutaneous (L. braziliensis and L. t. major) forms, cross reactions with sera from patients with Trypanosoma brucei gambiense, leprosy, and tuberculosis
- Immunity, Cross-reactions
Rothwell TLW
1981 *J Parasitol* 67 (4) Aug 592-593 Wa
Trichostrongylus colubriformis, lack of cross-protection in guinea pigs vaccinated with other Trichostrongylus spp. or other nematode genera, protection stimulated only by injection of antigens from homologous species
- Immunity, Cross-reactions
Rotmans JP; Mooij GW
1980 *Tr Roy Soc Trop Med and Hyg* 74 (4) 463-468 Wa
Schistosoma mansoni, separation of adult worm antigen fractions, use in defined antigen substrate spheres system and enzyme-linked immunosorbent assay with serum from schistosomiasis patients, cross-reactivity with serum from patients with other helminth infections
- Immunity, Cross-reactions
Salfelder A; Mannweiler E
1981 *Tropenmed u Parasitol* 32 (3) Sept 194-196 Wa
mucocutaneous leishmaniasis, malaria, Chagas' disease, amebiasis, patient sera examined with 5 antigens (Leishmania donovani, Trypanosoma cruzi, Plasmodium fieldi, P. falciparum, Entamoeba histolytica) in indirect fluorescent antibody test, complement fixation test, indirect hemagglutination test, and latex agglutination test: Venezuela
- Immunity, Cross-reactions
Santos-Buch CA et al
1979 *6 Internat Convoc Immunol* 262-267 Wm; Wa
Chagas' disease, immunopathology, review: autoantibody reactions, T lymphocyte cytotoxicity induced by infection, cross-reacting immunogens of target organs and Trypanosoma cruzi
- Immunity, Cross-reactions
Schantz PM; Shanks D; Wilson M
1980 *Am J Trop Med and Hyg* 29 (4) July 609-612 Wa
Echinococcus granulosus, Taenia solium, confirmed human cases, indirect hemagglutination tests using both homologous and heterologous antigens, cross-reactions with most sera; immunoelectrophoresis or double diffusion tests with E. granulosus antigens, Echinococcus-specific arc 5 demonstrated in 11 of 21 hydatidosis sera and in 1 of 20 cysticercosis sera
- Immunity, Cross-reactions
Schiller EL; D'Antonio R; Figueroa Marroquin H
1980 *Am J Trop Med and Hyg* 29 (6) Nov 1215-1219 Wa
Onchocerca volvulus, human, diagnosis, intradermal reactivity of excretory and secretory products of O. volvulus and O. gutturosa microfilariae, some cross-reactivity in humans and dogs with other filarial infections but not in dogs with Dirofilaria immitis
- Immunity, Cross-reactions
Sharma P; Prasad BNK; Dutta GP
1978 *Indian J Med Research* 68 Sept 423-427 Wa
Entamoeba histolytica, human, diagnosis, presence of other intestinal parasites does not appreciably influence outcome of indirect hemagglutination test for amoebic coproantibodies when standard axenic E. histolytica antigen is used
- Immunity, Cross-reactions
Shirley MW; Hoyle SR
1981 *J Parasitol* 67 (4) Aug 587-588 Wa
Eimeria maxima, chickens, antigenicity of parasite populations obtained from commercial farms, cross-immunity tests, results suggest that E. maxima does not normally undergo major changes in its antigenic composition and that a coccidiosis vaccine consisting of suitable number of strains could prove effective in individual houses over long period of time
- Immunity, Cross-reactions
Shirley MW; Rollinson D
1979 *Symposia Brit Soc Parasitol* 17 7-30 Wa
Eimeria spp., recognition and characterization of populations, review: established approaches (morphology, site and host specificity, pathogenicity, immunological specificity), new approaches (enzyme electrophoresis, genetic studies, DNA buoyant density analyses)
- Immunity, Cross-reactions
Singh M et al
1980 *Am J Trop Med and Hyg* 29 (4) July 548-552 Wa
Wuchereria bancrofti, Brugia malayi, human, immunodiagnosis, indirect hemagglutination technique using Breinlia booliati as antigen: Peninsular Malaysia
- Immunity, Cross-reactions
Sirag SB et al
1980 *Parasitology* 80 (3) June 479-486 Wa
Echinostoma revolutum, homologous and heterologous (Schistosoma spp.) resistance in infections in mice

Immunity, Cross-reactions

Sirag SB et al
1981 J Helminth 55 (1) Mar 63-70 Wa
Schistosoma bovis, calves harboring primary patent infections demonstrate substantial resistance to heterologous challenge with *Fasciola hepatica*

Immunity, Cross-reactions

Smith RD et al
1980 Am J Vet Research 41 (12) Dec 1957-1965 Wa
Babesia bovis, *B. bigemina*, cattle, tick-borne exposure, clinical and pathologic responses, absence of significant heterologous species immunity, cross-reactivity in indirect fluorescent antibody test was restricted to period during and shortly after recovery

Immunity, Cross-reactions

Smith RD et al
1981 Science (4492) 212 Apr 17 335-338 Wa
Babesia bovis, protection of *Bos taurus* with culture-derived soluble antigen, evidence that soluble immunogen is merozoite surface coat antigen; *B. bigemina*-immune cattle are susceptible to *B. bovis*

Immunity, Cross-reactions

de Souza MCM; Mizuta K; Ikemoto H
1980 Rev Inst Med Trop S Paulo 22 (4) July-Aug 184-191 Wm
Herpetomonas samuelpessoai, extraction, purification, and characterization of exoantigen capable of immunizing mice challenged with *Trypanosoma cruzi*

Immunity, Cross-reactions

Speiser F
1980 Tropenmed u Parasitol 31 (4) Dec 459-466 Wa
filariasis, echinococcosis, human, serodiagnosis, enzyme-linked immunosorbent assay using *Echinococcus granulosus* hydatid fluid and *Diplotelonea viteae* as antigens, comparison with indirect fluorescent antibody test, indirect haemagglutination test, and counterimmunoelectrophoresis, ELISA was most sensitive but least specific method

Immunity, Cross-reactions

Spencer HC et al
1981 Am J Trop Med and Hyg 30 (2) Mar 358-363 Wa
Brugia malayi and *B. pahangi*-infected *Meriones unguiculatus*, antibody response to heterologous and homologous antigens as measured by enzyme-linked immunosorbent assay, effect of fractionation of *B. malayi* antigen on sensitivity and specificity of test

Immunity, Cross-reactions

Stein PC; Basch PF
[1980] J Parasitol 65 (6) Dec 1979 862-869 Issued Apr 2 Wa
Biomphalaria glabrata embryo cell-line antigens ineffective as antischistosomal vaccine in mice

Immunity, Cross-reactions

Stockdale PHG et al
1979 Canad J Zool 57 (1) Jan 264-270 Wa
Eimeria contorta (from original culture) passaged through mice and rats provided cross-immunity to *E. nieschulzi* (rats) and *E. falciiformis* (mice). *E. contorta* probably not a valid species

Immunity, Cross-reactions

Su KE
1980 Bull Inst Zool Acad Sinica 19 (2) July 41-55 Wa
Trichomonas vaginalis, 5 strains, antigenic composition and relationships analyzed by immunoelectrophoresis

Immunity, Cross-reactions

Tadros W; Hazelhoff W; Laarman JJ
1981 Tr Roy Soc Trop Med and Hyg 75 (1) 125-126 Wa
toxoplasmic and sarcocystic tissue stage antigens, absence of cross reaction in enzyme-linked immunosorbent assay technique

Immunity, Cross-reactions

Taylor DW et al
1981 Infect and Immun 32 (2) May 563-570 Wa
Plasmodium yoelii, monoclonal antibodies to stage-specific, species-specific, and cross-reactive (with *Plasmodium* spp. and *Babesia microti*, but not *Toxoplasma gondii*) antigens, specificity and location of plasmodial antigens determined by indirect fluorescent antibody analysis

Immunity, Cross-reactions

Terrientes ZI; Zeledon R
1980 Rev Inst Med Trop S Paulo 22 (5) Sept-Oct 213-218 Wm
Leishmania hertigi live vaccine with complete Freund's adjuvant vs. *L. hertigi* extract with incomplete adjuvant, hamsters, challenge with *L. mexicana* or *L. braziliensis*; immunodiffusion or immunoelectrophoresis showed at least one common band between *L. hertigi* and the two human parasites

Immunity, Cross-reactions

Tsang VCW; Tao Y; Maddison SE
1981 J Parasitol 67 (3) June 340-350 Wa
Schistosoma mansoni, urea-soluble egg antigens, systematic fractionation, evaluation of activities and cross-reactivities by single-tube kinetic-dependent enzyme-linked immunosorbent assay

Immunity, Cross-reactions

Turner KJ; Fisher EH; McWilliam AS
1980 Austral J Exper Biol and Med Sc 58 (3) June 249-257 Wa
Ascaris lumbricoides, *A. suum*, *Necator americanus*, homology between antigens detected by human IgE antibodies, radioallergosorbent test (RAST), inhibition of RAST, and isoelectric focusing on polyacrylamide gels

Immunity, Cross-reactions

Uilenberg G et al
1980 Vet Quart 2 (1) Jan 3-14 Wa
Babesia motasi (Netherlands), sheep (blood) (nat. and exper.), comparison with other *Babesia* of sheep, morphological and serological comparison with *B. motasi* (Turkey), pathogenicity in splenectomized sheep and effective treatment with diminazene and amicarbalide, cross-immunity tests with *B. motasi* (Turkey), tick transmission studies indicate *Haemaphysalis punctata* is a vector: Ameland and Texel, the Netherlands

Immunity, Cross-reactions

Weiss N; Speiser F; Hussain R
1981 Acta Trop 38 (3) Sept 353-362 Wa
Onchocerca volvulus, human, detection of IgE antibodies with radioallergosorbent test using O. volvulus vs. Dipetalonema viteae as antigen, comparison with enzyme linked immunosorbent assay detecting IgG and IgM antibodies against same antigen preparations

Immunity, Cross-reactions

Welch JS; Dobson C; Campbell GR
1980 Tr Roy Soc Trop Med and Hyg 74 (5) 614-623 Wa
Angiostrongylus cantonensis, prevalence in rats in Queensland; immunodiagnosis, 3 immunofluorescence tests and in vitro lymphocyte blastogenesis, specificity and sensitivity in immunized rabbits and naturally infected rats, levels of responsiveness in 4 Australian populations in relation to prevalence in rats, use in clinical diagnosis in 5 human cases of eosinophilic meningitis

Immunity, Cross-reactions

Wery M; Timperman G
1979 Ann Soc Belge Med Trop 59 (4) Dec 361-369 Wa
Plasmodium berghei cloned and uncloned lines, antigenic characterization of 4 recrudescences of parasitaemia using cross protection experiments in immunized mice, homologous challenges induced lower parasitaemia than did heterologous, antigenic variation may be responsible for intergroup differences which were higher than those between individual mice

Immunity, Cross-reactions

Wilson AJ; Parker R; Trueman KF
1980 Vet Parasitol 7 (4) Dec 305-311 Wa
Anaplasma marginale, immunization of Bos indicus cross calves using living A. centrale or A. marginale

Immunity, Cross-reactions

Wynne E; Slocombe JOD; Wilkie BN
1981 Canad J Comp Med 45 (3) July 259-265 Wa
Strongylus vulgaris larvae and adults, antigenic analyses of tissues and excretory and secretory products, some antigens in common with S. equinus

Immunity, Cross-reactions

Zapart W; Podlaski S; Deja M
1980 Ang Parasitol 21 (1) Feb 10-15 Wa
helminths, persons associated with mining, school-children, and non-miners, intradermal tests compared with coprological examinations, cross-reactions: Poland

Immunity, Cutaneous reactions See Immunity, Skin tests

Immunity, Diagnosis [See also Immunity, Agglutination; Immunity, Complement fixation; Immunity, Enzyme labelling; Immunity, Immobilization; Immunity, Macrophage migration test; Immunity, Precipitation; Immunity, Radioimmunoassay; Immunity, Skin tests; Immunofluorescence; Lymphocyte transformation]

Immunity, Diagnosis

Abdalla RE
1980 Ann Trop Med and Parasitol 74 (4) Aug 415-419 Wa
visceral leishmaniasis, human, serodiagnosis, immunofluorescence, immunodiffusion, counter-immunoelectrophoresis

Immunity, Diagnosis

Abrego A et al
1981 Nouv Presse Med 10 (4) Jan 31 258 Wm
human schistosomiasis, basophil degranulation test using Schistosoma mansoni as antigen for diagnosis

Immunity, Diagnosis

Adorasio E; Medori MG; Zardi O
1980 Biochem and Exper Biol 16 (3) 315-316 Wa
toxoplasmosis, human, diagnosis, enzyme-linked immunosorbent assay

Immunity, Diagnosis

Aikat BK et al
1979 Indian J Med Research 70 Oct 592-597 Wa
kala-azar, diagnosis in human subjects sampled from endemic area, counter immunoelectrophoresis, distinct relationship between test positivity, splenic size, and duration of illness, comparison with other serological tests: Bihar

Immunity, Diagnosis

Al-Alousi TI; Latif BMA; Al-Shenawi FA
1980 Ann Trop Med and Parasitol 74 (5) Oct 503-506 Wa
leishmaniasis, children, diagnosis, indirect fluorescent antibody test using dried blood on filter paper, incidence in different provinces, age groups, and sexes: Iraq

Immunity, Diagnosis

Alam SM et al
1981 J Ass Physicians India 29 (1) Jan 19-24 Wm
Entamoeba histolytica, human intestinal and extraintestinal invasive infection, diagnosis, indirect haemagglutination test vs. intradermal test

Immunity, Diagnosis

de Almeida JWR; Camargo ME; Amato Neto V
1980 Rev Inst Med Trop S Paulo 22 (2) Mar-Apr 78-81 Wm
Trypanosoma cruzi, non-treated patients with chronic Chagas infection, variations in serum titers obtained with complement fixation test make this test unacceptable as an evaluation index for therapeutics

Immunity, Diagnosis

Alper EI; Littler C; Monroe LS
1976 Am J Gastroenterol 65 (1) Jan 63-67 Wm
[Entamoeba] histolytica, humans, diagnosis, counterelectrophoresis using axenic antigen gives results in close agreement with agar gel diffusion precipitin and latex agglutination

- Immunity, Diagnosis
Ambroise-Thomas P et al
1980 Ann Biol Clin 38 (5) 315-319 Wm
toxoplasmosis, rheumatoid factors a cause of
non-specific results in IgM antitoxoplasma
fluorescent tests
- Immunity, Diagnosis
Ambroise-Thomas P; Daveau C
1981 Ann Soc Belge Med Trop 61 (2) June 311-318
Wa
Onchocerca volvulus and other human filariasis,
current immunological findings, emphasis on
ELISA test in diagnosis of onchocerciasis,
review, colloquium presentation
- Immunity, Diagnosis
Ambroise-Thomas P; Desgeorges PT
1980 Bull Soc Path Exot 73 (1) Jan-Feb 89-99 Wa
Echinococcus granulosus, human, diagnostic
value and limitations of micro-ELISA, test re-
sults compared with those using indirect agglu-
tination and immunofluorescence
- Immunity, Diagnosis
Ambroise-Thomas P; Desgeorges PT; Bouttaz M
1980 Ann Soc Belge Med Trop 60 (1) Mar 47-60 Wa
fascioliasis, human and bovine, diagnosis by
means of the enzyme-linked immunosorbent assay,
detection of circulating antigens and anti-
bodies, results compared favorably with those
of the immunofluorescence and indirect haemag-
glutination tests
- Immunity, Diagnosis
Amerault TE et al
1980 Am J Vet Research 41 (3) Mar 435-438 Wa
Anaplasma marginale, cattle, effect of phenol
on card-agglutination and micro-complement-
fixation tests
- Immunity, Diagnosis
Amerault TE; Rose JE; Kuttler KL
1981 Am J Vet Research 42 (6) June 1055-1056 Wa
Anaplasma marginale, cows, comparative titra-
tion of antibodies by card agglutination and
complement-fixation tests
- Immunity, Diagnosis
Amici C et al
1979 Ann Sclavo 21 (3) May-June 264-271 Wm
Toxoplasma, retrospective seroimmunological
survey of 3,455 women, role of antibody occur-
rence in raw meat eaters was statistically
verified, Toxoplasma infection may prove to be
significant etiological factor for abortion
- Immunity, Diagnosis
Anderson JF; Magnarelli LA; Sulzer AJ
1980 Am J Vet Research 41 (12) Dec 2102-2105 Wa
Babesia gibsoni, dogs (nat. and exper.), diag-
nosis, indirect fluorescent antibody test,
reciprocal titers of anti-B. gibsoni sera to
homologous and heterologous Babesia antigens
and to Plasmodium antigens
- Immunity, Diagnosis
Anderson JF; Magnarelli LA; Sulzer AJ
1981 J Parasitol 67 (3) 417-425 Wa
Babesia lotori sp.n. in Procyon lotor (erythro-
cytes) (nat. and exper.), parasitemia postsple-
nectomy, clinical data, indirect fluorescent
antibody test, evidence for early infection in
3 young raccoons which had been naturally con-
fined to nests in chimneys and were infested
with Ixodes texanus; Dermacentor variabilis,
I. dammini, and I. cookei also found on rac-
coons: Connecticut, USA
- Immunity, Diagnosis
Anthony RL; Christensen HA; Johnson CM
1980 Am J Trop Med and Hyg 29 (2) Mar 190-194
Wa
New World leishmaniasis, human, serodiagnosis,
micro enzyme-linked immunosorbent assay with
Leishmania braziliensis panamensis promastigote
antigens, comparison with indirect immunofluo-
rescence, unidirectional cross-reactivity with
sera from Chagas' disease patients
- Immunity, Diagnosis
Applewhaite LM; Craig TM; Wagner GG
1981 Trop Animal Health and Prod 13 (1) Feb 13-
18 Wa
Babesia bigemina, B. bovis, native and imported
cattle, serological prevalence, comparison of
indirect fluorescent antibody and complement
fixation tests, effect of host age: Guyana
- Immunity, Diagnosis
Apt W et al
1978 Rev Med Chile 106 (1) Jan 16-18 Wm
Trypanosoma cruzi, humans, serological survey,
direct agglutination reaction (DAR) compared
with indirect agglutination, DAR considered
excellent screening test for epidemiological
surveys: Chile
- Immunity, Diagnosis
Apt W; Perez C; Sandoval J
1980 Rev Med Chile 108 (2) Feb 112-114 Wm
T[rypanosoma] cruzi, humans, prevalence of
Chagasic infection of blood bank samples
analyzed using the indirect hemagglutination
test: Chile
- Immunity, Diagnosis
Araujo FG; Handman E; Remington JS
1980 Infect and Immun 30 (1) Oct 12-16 Wa
Toxoplasma gondii, monoclonal antibodies can
be used in enzyme-linked immunosorbent assay to
detect parasite antigens in serum and other
body fluids but polyvalent antibody appears to
be more satisfactory for this purpose
- Immunity, Diagnosis
Araujo FG; Remington JS
1980 J Infect Dis 141 (2) Feb 144-150 Wa
Toxoplasma gondii, antigenemia in patients with
recently acquired acute toxoplasmosis, detec-
tion by enzyme-linked immunosorbent assay
- Immunity, Diagnosis
Aspoeck H
1980 Med Lab 33 (9) Sept 240-248 Wm
Toxoplasma, humans, diagnosis, immunological
test comparisons (immunofluorescence, Sabin-
Feldman dye test, complement fixation, indirect
hemagglutination test)
- Immunity, Diagnosis
Auffray Baudet P; Sanchez Concheiro M; Dominguez
Perez JR
1980 Rev Clin Espan 158 (5) Sept 15 197-201 Wm
Echinococcus granulosus, humans, diagnosis,
fluorescent antibody technique, sensitive and
simple test
- Immunity, Diagnosis
Avraham H et al
1980 J Immunol Methods 32 (2) Jan 28 151-155 Wm
Plasmodium berghei, solid-phase antibody bind-
ing-inhibition test for assay of malarial anti-
gen and antimalarial antibodies using radio-
iodinated protein A

- Immunity, Diagnosis
Avraham H et al
1981 Tr Roy Soc Trop Med and Hyg 75 (3) 421-425
Wa
Plasmodium falciparum, assay of antigens and antibodies by means of solid phase radioimmunoassay with radioiodinated staphylococcal protein A
- Immunity, Diagnosis
Bahr G; Modabber FZ
1980 J Immunol Methods 38 (3-4) 205-216 Wm
simplified immunoenzyme antigen binding technique as approach for immunodiagnosis, used to detect immune response of rabbits injected with human hydatid fluid
- Immunity, Diagnosis
Baldelli B et al
1978 Parassitologia 20 (1-3) Dec 91-99 Wa
Leishmania donovani, human, diagnosis, enzyme-linked immunosorbent assay
- Immunity, Diagnosis
Balfour AH; Bridges JB; Harford JP
1980 J Clin Path 33 (7) July 644-647 Wa
Toxoplasma gondii, evaluation of ToxHA test for detection of antibodies in human serum, comparison with dye test
- Immunity, Diagnosis
Balsari A et al
1980 J Clin Path 33 (7) July 640-643 Wa
Toxoplasma gondii, enzyme-linked immunosorbent assay for antibody detection, comparison with other serodiagnostic tests
- Immunity, Diagnosis
Ben-Ismail R et al
1980 Am J Trop Med and Hyg 29 (2) Mar 239-245
Wa
Echinococcus granulosus, Fasciola hepatica, P1 antigen sharing may be responsible for hydatid indirect hemagglutination test cross-reactivity in P1-negative individuals
- Immunity, Diagnosis
Bennett BD; Bailey J; Gardner WA jr
1980 Arch Path and Lab Med 104 (5) May 247-249
Wa
Trichomonas vaginalis, diagnosis in smears and in paraffin-embedded tissue sections using modified immunoperoxidase techniques
- Immunity, Diagnosis
Bhatia VN; Singh DS
1979 J Ass Physicians India 27 (11) Nov 1035-1037 Wm
amoebiasis, human invasive form, rapid serodiagnosis using bentonite flocculation test
- Immunity, Diagnosis
Bidwell DE; Voller A
1981 Brit Med J (6278) 282 May 30 1747-1748 Wa
Plasmodium falciparum, diagnosis, enzyme-linked immunosorbent assays tested in infected and uninfected monkeys, method useful but less sensitive than conventional blood-film examination
- Immunity, Diagnosis
Bilqees FM; Khan A
1979 J Egypt Pub Health Ass 54 (5-6) 425-430 Wm
Entamoeba histolytica, patients with confirmed intestinal amoebiasis, cyst passers, and normal persons, diagnosis, evaluation of a skin test, useful in all instances as well as for epidemiological surveys
- Immunity, Diagnosis
Blumencranz HJ; Sheehan DJ; LeLeiko NS
1981 N England J Med 305 (11) Sept 10 647 Wa
Entamoeba histolytica, human, false-positive reactions in counterimmunoelectrophoresis test
- Immunity, Diagnosis
Boczon K et al
1981 Tropenmed u Parasitol 32 (2) June 109-114
Wa
Trichinella spiralis, human, diagnosis, evaluation of enzymatic and immunological tests (activity of LDH and its isozymic fractions; indirect immunofluorescence test; latex agglutination test; bentonite flocculation test)
- Immunity, Diagnosis
Bottone U; Orlandi M
[1980] Riv Parassitol Roma 40 (1-2) 1979 171-175 Issued Feb Wa
Toxocara canis, Ascaris suum, rabbits (exper.), diagnosis, peritoneal cell adherence reaction test, cross-reactions observed
- Immunity, Diagnosis
Broadbent EJ; Ross R; Hurley R
1981 J Clin Path 34 (6) June 659-664 Wa
Toxoplasma gondii, prevalence of antibody in pregnant women evaluated by age groups, dietary habits, and history of animal contact; indirect haemagglutination antibody test vs. indirect fluorescent antibody test
- Immunity, Diagnosis
Cabrera MA; Suazo AT
1980 Bol Med Hosp Inf Mexico 37 (2) Mar-Apr 195-201 Wm
Toxocara canis, Ascaris, children, diagnosis of visceral larva migrans, immunological tests compared with other methods
- Immunity, Diagnosis
Cailliez M et al
1979 Nouv Presse Med 8 (7) Feb 10 522-523 Wm
human African trypanosomiasis, immunoenzymological diagnostic tests vs. indirect immunofluorescence
- Immunity, Diagnosis
Calderon C; Knierim F
1973 Rev Med Chile 101 (6) June 468-469 Wm
Trichinella spiralis, humans, diagnosis, bentonite flocculation reaction with whole blood samples collected on filter paper
- Immunity, Diagnosis
Callow LL et al
1979 Austral Vet J 55 (12) Dec 555-559 Wa
Babesia equi, horses, evaluation of indirect fluorescent antibody test, diagnosis; cross-reactivity between B. equi and B. bovis of cattle suggested that B. bovis would not interfere with test for B. equi, but that reverse was possible
- Immunity, Diagnosis
Carlier Y et al
1980 Bull World Health Organ 58 (1) 99-105 Wa
Toxoplasma gondii, humans, diagnosis, evaluation of the enzyme-linked immunosorbent assay and other serological tests, techniques and sera evaluated in 3 different laboratories
- Immunity, Diagnosis
Carlier Y; Bout D; Capron A
1979 J Immunol Methods 31 (3-4) Dec 27 237-246
Wm
automation of enzyme-linked immunosorbent assay, application to toxoplasmosis serodiagnosis

Immunity, Diagnosis

Carne B et al
1980 Ann Soc Belge Med Trop 60 (3) Sept 271-276
Wa
filariasis, humans, diagnosis, basophil degranulation test using *Onchocerca volvulus* extracts as antigen, test appears specific, possible use where classical methods are not successful

Immunity, Diagnosis

Carosi G et al
1980 Boll Ist Sieroterap Milanese 59 (1) Mar 31 25-30 Wa
Toxoplasma gondii, immuno-electron microscopic localization of antigenic sites for specific IgG and IgM on parasite surface, possible practical application

Immunity, Diagnosis

Carroll SM; Karthigasu KI; Grove DI
1981 Tr Roy Soc Trop Med and Hyg 75 (5) 706-709
Wa
Strongyloides stercoralis, human, serodiagnosis, enzyme-linked immunosorbent assay with *S. ratti* antigen, comparison with indirect immunofluorescent assay

Immunity, Diagnosis

Caruana LB
1980 Am J Med Tech 46 (6) June 386-391 Wa
Toxoplasma gondii, indirect hemagglutination test (IHA) compared qualitatively and quantitatively to indirect fluorescent antibody test (IFA) for detection of antibodies, IHA technique recommended over IFA for mass screening

Immunity, Diagnosis

Cerisola JA; Alvarez M; Wynne de Martini GJ
1980 Medicina Buenos Aires 40 Suppl (1) 132-136
Wm
Chagas disease, humans, diagnosis, latex agglutination test

Immunity, Diagnosis

Chabasse D et al
1980 Bull Soc Path Exot 73 (2) Mar-Apr 150-155
Wa
positive immunofluorescence test for amoebiasis in man with serologically and clinically proven brucellosis, possibly a false-positive reaction as no clinical evidence of amoebiasis could be found

Immunity, Diagnosis

Chandanani RE et al
1981 Indian J Med Research 73 Suppl Jan 41-44
Wa
Plasmodium knowlesi antigen evaluated for serodiagnosis of human malaria with indirect haemagglutination test, more sensitive tests will be needed with this antigen

Immunity, Diagnosis

Chandanani RE; Mahanta J; Mahajan RC
1978 Indian J Med Research 68 Oct 595-598 Wa
hydatid disease, humans, diagnosis, evaluation of slide haemagglutination test vs. indirect haemagglutination tube test or Casoni's skin test

Immunity, Diagnosis

Chandra R et al
1978 Indian J Med Research 68 July 61-66 Wa
Wuchereria bancrofti, subjects from endemic vs. non-endemic area, diagnosis by skin test, comparison of *Brugia malayi* infective larval whole worm antigen vs. homologous *W. bancrofti* larval antigen, no cross reactions with helminth infections

Immunity, Diagnosis

Chatterjee RK et al
1978 Indian J Med Research 67 Jan 34-41 Wa
Chandlerella hawkingi, antiserum raised in rabbits, precipitating and complement-fixing antibodies, antigenic mosaic, cross reactions with *Litomosoides carinii* and *Wuchereria bancrofti*, possibility of using avian filarial antigens in diagnosis of human filariasis

Immunity, Diagnosis

Cheburkin AV; Asatova MM
1974 Pediatria Moskva (2) Feb 17-19 Wm
toxoplasmosis, surveys show low incidence of human prenatal infections, suggests that diagnostic workups for congenital toxoplasmosis be carried out only after other causes of childhood pathology have been excluded

Immunity, Diagnosis

Cho KM; Soh CT
1974 Yonsei Rep Trop Med 5 (1) Nov 45-55 Wm
Clonorchis sinensis, human sera, diagnosis, evaluation of the indirect fluorescent antibody test using adult worm antigen

Immunity, Diagnosis

Cho KM; Soh CT
1976 Yonsei Rep Trop Med 7 (1) Nov 26-39 Wm
Paragonimus westermani, *Clonorchis sinensis*, human serum, diagnosis, indirect fluorescent antibody test

Immunity, Diagnosis

Chopra JS; Kaur U; Mahajan RC
1981 Tr Roy Soc Trop Med and Hyg 75 (4) 518-520
Wa
Cysticercus cellulosae (*Taenia solium*), human, cysticercus haemagglutination test used to estimate probable incidence of seropositivity, almost equal in male and female patients, less in children than adults, did not appear to be related to duration of epilepsy

Immunity, Diagnosis

Colin M et al
1980 Ann Dermat et Venereol 107 (8-9) Aug-Sept 759-767 Wm
Schistosoma mansoni, *S. haematobium*, humans, cutaneous localization, granulomatous papular lesions containing eggs, diagnosis by lesion biopsy and immunofluorescence: endemic areas of Ivory Coast

Immunity, Diagnosis

Collins WE et al
1980 Am J Trop Med and Hyg 29 (6) Nov 1220-1222
Wa
Onchocerca volvulus, human, indirect fluorescent antibody test using fixed-tissue sections of adult worms as antigen, antibody responses in relation to host age, sex, presence or absence of microfilariae, and microfilarial density, application in epidemiological studies appears limited until level of false negative responses is markedly reduced: Guatemala

- Immunity, Diagnosis
Conder GA; Andersen FL; Schantz PM
1980 J Parasitol 66 (4) Aug 577-584 Wa
Echinococcus granulosus, sheep (exper.), immunodiagnosis, evaluation of double diffusion, immunoelectrophoresis, indirect hemagglutination, and intradermal tests, some cross-reactions with serum from Taenia hydatigena-infected sheep
- Immunity, Diagnosis
Constantinescu G; Capraru T
1980 Arch Roumaines Path Exper et Microbiol 39 (1) Jan-Mar 41-47 Wa
Trichinella spiralis, diagnosis, micro precipitation test performed on human and animal sera, comparison of frozen, lyophilized, and live antigen
- Immunity, Diagnosis
Cox JC; Horsburgh R; Pye D
1981 Lab Animals 15 (1) Jan 41-43 Wa
Encephalitozoon cuniculi, rabbits, serodiagnosis, enzyme immunoassay, comparison with indirect immunofluorescence test
- Immunity, Diagnosis
Craig PS et al
1980 Austral J Exper Biol and Med Sc 58 (4) Aug 339-350 Wa
larval taeniid cestode infections, sheep, attempts to produce hybridoma-based immunodiagnostic reagents
- Immunity, Diagnosis
Craig PS et al
1981 Parasitology 83 (2) Oct 303-317 Wa
Echinococcus granulosus, sheep, murine hybridoma-derived antibodies in processing of antigens for immunodiagnosis
- Immunity, Diagnosis
Craig PS; Rickard MD
1980 Ztschr Parasitenk 61 (3) 287-297 Wa
Taenia saginata, use of 'crude' antigen in micro-enzyme-linked immunosorbent assay for diagnosis of T. saginata cysticercosis in cattle (nat. and exper.), cross-reactions with sera from cattle harbouring other common parasites particularly Fasciola hepatica
- Immunity, Diagnosis
Craig PS; Rickard MD
1981 Internat J Parasitol 11 (6) Dec 441-449 Wa
larval cestode infections of cattle and sheep, attempt at specific immunodiagnosis using antigens purified by affinity chromatography in enzyme-linked immunosorbent assay
- Immunity, Diagnosis
Cruickshank JK; Mackenzie C
1981 Brit Med J (6303) 283 Nov 21 1349-1350 Wa
parasitic diseases, humans, immunodiagnosis, brief review
- Immunity, Diagnosis
Culbertson CG; Harper K
1980 Am J Trop Med and Hyg 29 (5 pt 1) Sept 785-794 Wa
Naegleria fowleri, Acanthamoeba culbertsoni, Entamoeba histolytica, immune reactions between specific antisera, formalinized stained protein A staphylococci, and pathogenic live amebic trophozoites, comparison of this new technique (coagglutination tests) with immunofluorescence for amebic identification and measurement of serum antibody
- Immunity, Diagnosis
Dada BJO; Adegboye DS; Mohammed AN
1981 J Helminth 55 (3) Sept 197-202 Wa
hydatidosis, camels, diagnosis, relative sensitivity and specificity of indirect haemagglutination, Ouchterlony's double diffusion, and counter-current immunoelectrophoresis tests
- Immunity, Diagnosis
Das SR; Kidwai SA; Gupta AK
1979 J Biosc 1 (3) Sept 255-262 Wa
axenic Entamoeba histolytica, preparation of standard amoeba-antigen by ultrasonication of trophozoites, use in serodiagnosis and seroepidemiology of amoebiasis in patients
- Immunity, Diagnosis
Dasgupta A et al
1980 J Helminth 54 (2) June 83-86 Wa
Wuchereria bancrofti, human, immunodiagnosis, detection of precipitin antibody and soluble circulating antigen by counterimmunoelectrophoresis using Litomosoides carinii antigen/antibody system
- Immunity, Diagnosis
Dedet JP et al
1979 Bull Soc Path Exot 72 (5-6) Sept-Dec 451-461 Wa
leishmaniasis, human cutaneous infections, survey, epidemiologic indices (age, skin tests, yearly variations): region de Thies, Senegal
- Immunity, Diagnosis
Dedet JP et al
1979 Ann Soc Belge Med Trop 59 (1) Mar 21-32 Wa
Leishmania tropica, population of Fleuve region, incidence survey using the leishmanin skin test: Senegal, West Africa
- Immunity, Diagnosis
Deelder AM et al
1980 J Immunol Methods 36 (3-4) 269-283 Wm
Schistosoma mansoni, immunodiagnosis, automated measurement of immunogalactosidase reactions with fluorogenic substrate by aperture defined microvolume measurement method
- Immunity, Diagnosis
Deelder AM; Dozy MH
1980 Acta Leidensia 48 17-22 Wa
Schistosoma mansoni, applicability of sol particle immunoassay (sandwich immunoassay using colloidal gold-labeled immunoglobulins) for detection of circulating antigens
- Immunity, Diagnosis
Deelder AM; Kornelis D
1981 Trop and Geogr Med 33 (1) Mar 36-41 Wa
Schistosoma mansoni, humans, immunodiagnosis of recently acquired infection, comparison of various immunological techniques
- Immunity, Diagnosis
Delmont J et al
1979 Bull Soc Path Exot 72 (3) May-June 222-231 Wa
Plasmodium spp., Europeans who had been living in endemic areas of Africa, analysis of fluorescent antibodies in serum, useful in evaluating success of chemoprophylaxis, detecting infections in potential blood donors, and in evaluating febrile illnesses

- Immunity, Diagnosis**
Derouin F et al
1980 Path Biol 28 (7) Sept 465-468 Wa
schistosomiasis, human, enzyme-linked immunosorbent assay using *Schistosoma mansoni* antigens, false positive reactions with certain other parasitic and non-parasitic diseases, comparison with immunofluorescence and immunoenzymology done on adult sections
- Immunity, Diagnosis**
De Simone C et al
1980 Clin and Exper Immunol 39 (1) Jan 247-253 Wa
patients with parasitic diseases, formation of rosettes between human eosinophils and sheep erythrocytes, light and electron microscopic evidence of interaction, could be of diagnostic significance and might reflect qualitative or quantitative modifications in eosinophil population
- Immunity, Diagnosis**
Desmonts G; Remington JS
1980 J Clin Microbiol 11 (6) June 562-568 Wa
Toxoplasma gondii, human, diagnosis, direct agglutination test, method for increasing sensitivity and specificity, comparison with Sabin-Feldman dye test
- Immunity, Diagnosis**
Despommier DD
1981 Bull N York Acad Med 2 s 57 (3) Apr 212-216 Wa
Entamoeba histolytica, human, intestinal and extraintestinal amebiasis, laboratory diagnosis, symposium presentation
- Immunity, Diagnosis**
Dishon T et al
1981 Israel J Med Sc 17 (4) Apr 245-248 Wm
leishmaniasis, humans, coagglutination and indirect hemagglutination offer the possibility of rapid, easy, sensitive, and specific diagnostic tools in determining both antigen and antibody in suspected infections
- Immunity, Diagnosis**
Dissanayake S; Ismail MM
1980 Bull World Health Organ 58 (4) 649-654 Wa
Setaria digitata antigens, characterization, cross-reaction with surface antigens of *Wuchereria bancrofti* microfilariae and serum antibodies of *W. bancrofti*-infected subjects demonstrated with inhibition of indirect immunofluorescence and enzyme-linked immunosorbent assay technique respectively
- Immunity, Diagnosis**
Dissanayake S; Ismail MM
1980 Bull World Health Organ 58 (4) 655-657 Wa
Wuchereria bancrofti infection in man, diagnosis using enzyme-linked immunosorbent assay with *Setaria digitata* as antigen, immune sera from cattle infected with *S. digitata* can be used to selectively block cross reactions with serum antibodies in subjects who show no evidence of *W. bancrofti* infection
- Immunity, Diagnosis**
Doffoel M et al
1980 Semaine Hop Paris 56 (15-16) Apr 18-25 788-790 Wm
Toxoplasma gondii, 28-year-old man, case report, acquired infection with meningoencephalitis, diagnosis by fluorescent antibody analysis of cerebrospinal fluid
- Immunity, Diagnosis**
Donnelly J et al
1980 Trop Animal Health and Prod 12 (1) Feb 50-60 Wa
Babesia equi, *B. caballi*, horses, comparison of complement fixation and immunofluorescent antibody tests in prevalence survey; presence of tick vectors: Sultanate of Oman
- Immunity, Diagnosis**
Donnelly J; Joyner LP; Frank C
1980 Trop Animal Health and Prod 12 (4) Nov 253-258 Wa
Babesia equi, *B. caballi*, prevalence in horses, comparison of complement fixation and indirect fluorescent antibody tests; *Hyalomma anatolicum anatolicum* present: Kuwait
- Immunity, Diagnosis**
Dottorini S; Tassi C; Baldelli F
1981 Boll Ist Sieroterap Milanese 60 (2) May 31 137-143 Wa
hydatid disease, human, diagnosis, enzyme-linked immunosorbent assay compared to indirect hemagglutination reaction
- Immunity, Diagnosis**
Draper CC; Sirr SS
1980 Brit Med J (6231) 280 June 28 1575-1576 Wa
Plasmodium spp., residents and immigrants with known infections, evaluation of usefulness of retrospective diagnosis using the indirect immunofluorescence antibody test
- Immunity, Diagnosis**
Druilhe P et al
1980 Ann Soc Belge Med Trop 60 (4) Dec 349-354 Wa
Plasmodium cynomolgi bastianellii, accidental infection of 2 laboratory workers, case reviews, usefulness of fluorescent antibody test and counterimmunoelectrophoresis in differentiating *Plasmodium* species
- Immunity, Diagnosis**
Duermeyer W et al
1980 J Clin Microbiol 12 (6) Dec 805-806 Wa
Toxoplasma gondii, enzyme-linked immunosorbent assay for detection of IgM antibodies
- Immunity, Diagnosis**
Duffus WPH; Wagner GG
1980 Vet Parasitol 6 (4) Mar 313-324 Wa
Theileria parva, cattle (nat. and exper.), immunodiagnosis, comparison of 5 serological tests using piroplasm antigen (indirect fluorescent antibody, indirect haemagglutination, complement fixation, capillary agglutination, and immunodiffusion)
- Immunity, Diagnosis**
Edrissian GH et al
1981 Ann Trop Med and Parasitol 75 (1) Feb 19-24 Wa
cutaneous and visceral leishmaniasis, human, serodiagnosis, indirect fluorescent antibody test using *Leishmania infantum* as antigen: Iran
- Immunity, Diagnosis**
Faria R
1980 Rev Paul Med 96 (1-2) July-Aug 33-36 Wm
Trypanosoma cruzi, diagnostic screening of potential blood donors using the complement fixation test and antigen stabilized against enzymatic hydrolytic denaturation and bacterial contamination, potentially more efficient and accurate test

- Immunity, Diagnosis
Farrell CJ et al
1981 Am J Vet Research 42 (2) Feb 237-240 Wa
Fasciola hepatica, cattle, diagnosis, enzyme-linked immunosorbent assay, 4 antigen preparations tested
- Immunity, Diagnosis
Felgner P et al
1981 Tropenmed u Parasitol 32 (3) Sept 134-140 Wa
Trypanosoma brucei gambiense, human, prevalence by age and sex, parasitological examination (hematocrit centrifugation technique, subinoculation into Mastomys natalensis, miniature anion exchange centrifugation method), immunodiagnostic examination (enzyme-linked immunosorbent assay, indirect immunofluorescent test, radial immunodiffusion for IgM concentrations): Ivory Coast; Upper Volta
- Immunity, Diagnosis
Ferrucci M
1980 Quad Sclavo Diag Clin e Lab 16 (2) June 176-192 Wm
toxoplasmosis, humans, comparative review of currently used diagnostic tests
- Immunity, Diagnosis
Filice G et al
1981 Boll Ist Sieroterap Milanese 59 (6) 604-611 Wa
Toxoplasma gondii, mice experimentally infected with cystogenic strain, kinetics of IgM and IgG antibodies, dye test, indirect immunofluorescence test, indirect haemagglutination test, comparison with results of mouse inoculation tests
- Immunity, Diagnosis
Filice G et al
1981 Boll Ist Sieroterap Milanese 60 (2) May 31 129-136 Wa
toxoplasmosis, human, serological diagnosis, new complement fixation test compared with indirect immunofluorescence and indirect haemagglutination tests
- Immunity, Diagnosis
Filice GA; Yeager AS; Remington JS
1980 J Clin Microbiol 12 (3) Sept 336-342 Wa
Toxoplasma gondii, patients with acquired toxoplasmosis, infants with congenital toxoplasmosis, diagnostic significance of IgM antibodies detected after separation of IgM from IgG antibodies, IgM-IFA test
- Immunity, Diagnosis
Fisher WF; Wilson GI
1977 J Med Entom 14 (2) Nov 25 146-151 Wa
Psoroptes ovis infested- and uninfested-cattle, precipitating antibodies in sera demonstrated by agar-gel diffusion when tested against P. ovis and P. cuniculi extracts, agar-gel diffusion tests on sera of cattle infested with other arthropods compared
- Immunity, Diagnosis
Fleury P et al
1980 J Franc Ophtal 3 (8-9) 503-506 Wm
Loa loa, ocular loaiasis in young woman after camping trip in Equatorial Africa, case report, clinical aspects, diethylcarbamazine therapy, importance of immunological diagnostic techniques: France
- Immunity, Diagnosis
Flisser A; Perez-Montfort R; Larralde C
1979 Bull World Health Organ 57 (5) 839-856 Wa
Taenia spp., immunology of human and animal cysticercosis, review
- Immunity, Diagnosis
Flisser A; Woodhouse E; Larralde C
1980 Clin and Exper Immunol 39 (1) Jan 27-37 Wa
Cysticercus cellulosae, human, evaluation of immunoelectrophoresis as diagnostic tool (about 50% non-responders), cysticercus antigens recognized by man, human immunoglobulins among anti-cysticercus antibodies
- Immunity, Diagnosis
Forsyth KP et al
1981 Acta Trop 38 (3) Sept 343-352 Wa
Onchocerca gibsoni, major radioiodinated cuticular antigens of microfilariae are neither species nor Onchocerca specific, implications for potential of microfilarial cuticular antigens for immunodiagnosis of human filariasis
- Immunity, Diagnosis
Franco EL et al
1980 J Clin Microbiol 12 (6) Dec 780-784 Wa
Toxoplasma gondii IgG and IgM polar staining in indirect immunofluorescence test, prevalence of positive reactions in sera of patients with Trypanosoma cruzi, Leishmania donovani, and L. braziliensis
- Immunity, Diagnosis
Franco EL; Walls KW; Sulzer AJ
1981 J Clin Microbiol 13 (5) May 859-864 Wa
Toxoplasma gondii, human, serodiagnosis, reverse enzyme immunoassay for detection of specific IgM antibodies
- Immunity, Diagnosis
Frezil JL; Coulm J; Alary JC
1978 Bull Soc Path Exot 71 (6) Nov-Dec 440-445 Wa
Trypanosoma gambiense, humans, prognosis and/or cure evaluated by measuring fluorescent antibodies in serum and spinal fluid
- Immunity, Diagnosis
Fuchs AP et al
1980 Rev Inst Med Trop S Paulo 22 (5) Sept-Oct 242-245 Wm
T[rypanosoma] cruzi, Chagas disease patients, serological diagnostic test results compared (indirect immunofluorescence, indirect hemagglutination, complement fixation, ELISA) with clinical findings
- Immunity, Diagnosis
Fuchs V et al
1981 Ceskoslov Gynek 46 (1) Feb 7-11 Wm
pregnant women who had undergone amniocentesis for possible genetic problems of fetuses, serological diagnostic tests showed higher than average positive reactions for toxoplasmosis
- Immunity, Diagnosis
Fujinaga T; Minami T
1981 Vet Parasitol 8 (2) May 115-126 Wa
Theileria sergenti, Babesia ovata, cattle (exper.), relationships between parasitaemia, erythrocyte counts, indirect fluorescent antibody- and complement fixation-test titres, use of IFA and CF tests for serodiagnosis of natural infections of theileriosis and babesiosis in cattle in Japan

- Immunity, Diagnosis
Furtado T
1980 An Brasil Dermat 55 (2) Apr-June 81-86 Wm
American cutaneous leishmaniasis, human, diagnosis, review: detection of organisms, skin tests, complement fixation, indirect immunofluorescence
- Immunity, Diagnosis
Galant SP et al
1980 South Med J 73 (4) Apr 435-437 Wm
Toxocara canis, diagnostic considerations, especially in children with eosinophilia, pica, and pet dogs, suggested immunoserological tests
- Immunity, Diagnosis
Gallo D et al
1981 J Clin Microbiol 13 (4) Apr 631-636 Wm
multiple-antigen slide test for detection of IgM antibodies in newborn and infant sera by immunofluorescence, antigens are agents implicated in congenital and neonatal disease including Toxoplasma gondii
- Immunity, Diagnosis
Galvao VA
1979 Rev Inst Med Trop S Paulo 21 (5) Sept-Oct 231-236 Wm
Capillaria hepatica, children, diagnosis, immunofluorescence: Bahia, Brazil
- Immunity, Diagnosis
Ganguly NK et al
1981 Indian J Med Research 73 Suppl Jan 111-113 Wa
Giardia lamblia, humans, serodiagnosis, comparative evaluation of indirect haemagglutination and immunofluorescence tests
- Immunity, Diagnosis
Geerts S et al
1981 Research Vet Sc 30 (3) May 288-293 Wa
Taenia saginata cysticercosis, cattle (nat. and exper.), serodiagnosis, enzyme linked immunosorbent assay using T. crassiceps metacystode antigen, sensitivity and specificity
- Immunity, Diagnosis
Geerts S et al
1981 Vet Parasitol 8 (4) Sept 299-307 Wa
Taenia saginata cysticercosis in cattle (nat. and exper.), diagnosis, comparative evaluation of immunoelectrophoresis, counterimmunoelectrophoresis, and enzyme linked immunosorbent assay (T. saginata used as antigen for first 2, T. crassiceps for ELISA), also tested against sera of cattle and sheep with other helminth infections, some cross-reactions, none of 3 tests sufficiently reliable to make diagnosis on individual basis, may be useful for diagnosis on herd basis
- Immunity, Diagnosis
Geerts S; Kumar V; Aerts N
1980 Ann Soc Belge Med Trop 60 (2) June 173-182 Wa
Taenia saginata cysticercosis, cattle (exper.), rapid diagnosis using counterimmunoelectrophoresis, procedural details, comparisons with immunoelectrophoresis method, few cross reactions with other parasitic infections
- Immunity, Diagnosis
Ghose AC et al
1980 Clin and Exper Immunol 40 (2) May 318-326 Wa
Leishmania donovani, 49 active kala-azar patients, IgA, IgG, IgM, and C3 levels, anti-leishmanial titres in indirect haemagglutination method, IgG and IgM class-specific antibody titres in enzyme-linked immunosorbent assay method, serodiagnostic potential of ELISA
- Immunity, Diagnosis
Gittelman HJ et al
1981 J Clin Microbiol 13 (2) Feb 309-312 Wa
Dirofilaria immitis, dogs, serodiagnosis, quantitative automated fluorescent immunoassay technique compared with manual semi-quantitative enzyme-linked immunosorbent assay
- Immunity, Diagnosis
Glickman LT; Dubey JP; Winslow LJ
1981 Parasitology 82 (3) June 383-387 Wa
Toxocara canis, ascarid-free dogs fed 100 or 10,000 eggs, serological response, enzyme-linked immunosorbent assay is sensitive and specific
- Immunity, Diagnosis
Goichot EL; Bloch-Michel E
1980 J Franc Ophtal 3 (1) 21-25 Wm
toxoplasmosis, human ocular, diagnostic value of quantitative serological tests of the aqueous humor, various tests compared
- Immunity, Diagnosis
Gomez Garcia V; Rodriguez Osorio M; Gonzalez Castro J
1979 Rev Iber Parasitol 39 (1-4) Jan-Dec 55-63 Wa
Trichinella spiralis, micro-ELISA test for detection of antigens in sera of rats (exper.), optimal experimental conditions established
- Immunity, Diagnosis
Gondo M et al
1979 Neurol Med Chir 19 (12) Dec 1213-1218 Wm
Paragonimus westermani, 8-year-old boy who had eaten wild boar meat, case report, cerebral infections with associated epilepsy and hemiparesis, diagnosis using CT scan, immunoelectrophoresis, and skin tests
- Immunity, Diagnosis
Gonzalez-Barranco D; Sandoval-Islas ME; Trujillo-Valdes VM
1978 Arch Invest Med 9 (1) 51-58 Wm
Taenia solium, humans, diagnosis of cysticercosis using immunofluorescence, useful as diagnostic aid and for mass surveys
- Immunity, Diagnosis
Gordon MA; Duncan RA; Kingsley LC
1981 J Clin Microbiol 13 (2) Feb 283-285 Wa
Toxoplasma gondii, human, serodiagnosis, automated immunofluorescence test compared to standard indirect fluorescent antibody method
- Immunity, Diagnosis
Gray MA et al
1980 Research Vet Sc 29 (3) Nov 360-366 Wa
Theileria parva, T. annulata, cattle, serodiagnosis, enzyme linked immunosorbent assay, comparison with indirect fluorescent antibody test, significant cross-reaction in ELISA with sera from calf infected with Babesia bigemina but not from animals infected with other Babesia spp. or Theileria spp.

- Immunity, Diagnosis
Grelck H; Hoerchner F; Unterholzner J
1981 Ztschr Parasitenk 65 (3) 277-282 Wa
Ascaris suum, Toxocara canis, pigs (exper.), serological differentiation of nematodes using enzyme-linked immunosorbent assay
- Immunity, Diagnosis
Grieve RB et al
1981 Am J Vet Research 42 (1) Jan 66-69 Wa
Dirofilaria immitis, dogs (exper.), enzyme-linked immunosorbent assay for measurement of antibody responses
- Immunity, Diagnosis
Groupe de Travail Scientifique sur la Filariose
1981 Bull World Health Organ 59 (2) 205-212 Wa
Wuchereria bancrofti, Brugia malayi, B. timori, current knowledge on various aspects of immunodiagnosis, immunopathology, and immunization, review
- Immunity, Diagnosis
Grove DI; Blair AJ
1981 Am J Trop Med and Hyg 30 (2) Mar 344-349 Wa
strongyloidiasis, human, diagnosis, indirect immunofluorescent antibody assay using Strongyloides ratti and S. stercoralis larvae
- Immunity, Diagnosis
Guimaraes MCS et al
1981 Am J Trop Med and Hyg 30 (5) Sept 942-947 Wa
mucocutaneous leishmaniasis, kala-azar, and Chagas' disease sera tested in ELISA and immunofluorescence tests with Trypanosoma cruzi, Leishmania donovani, and L. braziliensis antigens, antigen obtained from live T. cruzi epimastigotes appears to be usable to distinguish between antibodies to T. cruzi and to Leishmania
- Immunity, Diagnosis
Guisantes JA; Picardo NGA
1979 Rev Med Univ Navarra 23 (3) Sept 57-60 Wm
Echinococcus granulosus, human hydatid disease, diagnosis, new technical variation of the latex agglutination test
- Immunity, Diagnosis
Gupta MM et al
1981 J Trop Med and Hyg 84 (4) Aug 165-170 Wa
Plasmodium falciparum prepared from in vitro continuous culture can be used as a source of antigen for use in the indirect haemagglutination and immunofluorescence antibody tests, applications for epidemiological evaluations and assessments
- Immunity, Diagnosis
Gupta SL; et al
1980 Trop Animal Health and Prod 12 (2) May 95-96 Wa
Toxoplasma, rapid card agglutination test for sero-diagnosis under field conditions, comparison with indirect haemagglutination test
- Immunity, Diagnosis
Hackett F et al
1981 Vet Parasitol 8 (2) May 137-142 Wa
Taenia hydatigena, diagnosis of metacystode infections in lambs, micro ELISA (T. hydatigena cyst fluid antigen) and indirect haemagglutination (T. hydatigena and T. multiceps cyst fluid antigens) tests
- Immunity, Diagnosis
Hamilton RG et al
1981 J Immunol Methods 44 (1) July 17 101-114 Wm
filariasis patients from endemic Wuchereria bancrofti areas, quantitation of filaria-specific IgG and IgE in sera, evaluation of solid-phase radioimmunoassay and enzyme-linked immunosorbent assay methodology using Brugia malayi as antigen
- Immunity, Diagnosis
Harrison LJS; Sewell MMH
1981 Research Vet Sc 31 (1) July 62-64 Wa
Taenia saginata, cattle, comparison of T. saginata proglottid extract, T. saginata metacystode excretory/secretory products, and T. crassiceps metacystode extract for use as serodiagnostic antigens in enzyme linked immunosorbent assay; cross-reaction of T. saginata proglottid extract with sera from Ostertagia ostertagi infected cattle: Britain
- Immunity, Diagnosis
Hartmann DP; Ghadirian E; Meerovitch E
1980 J Parasitol 66 (2) Apr 344-345 Wa
Entamoeba histolytica, hamsters, experimental hepatic amebiasis, serodiagnosis, comparison of enzyme-linked immunosorbent assay and indirect hemagglutination
- Immunity, Diagnosis
Hashemi-Nasab A; Zadeh-Shirazi H
1980 J Trop Med and Hyg 83 (3) June 119-122 Wa
visceral leishmaniasis (kala-azar), 130 cases, age and sex distribution, clinical and haematological data, mortality rate, complications, response to therapy, use of immunofluorescence for diagnosis: Fars Province, Iran
- Immunity, Diagnosis
Hasslinger MA; Schwaerzler C
1980 Berl u Munchen Tierarztl Wchnschr 93 (7) Apr 1 132-135 Wa
Trichosomoides crassicauda, development and migration in rat, inability to penetrate diaplacental barrier, diagnosis by flotation of feces-urine mixture better than immunofluorescence technique, eggs resistant to disinfectants
- Immunity, Diagnosis
Hayasaki M
1981 Japan J Vet Sc 43 (1) Feb 21-26 Wa
Dirofilaria immitis, dogs, immunodiagnosis, indirect hemagglutination test using 4 antigen preparations
- Immunity, Diagnosis
Henry MC et al
1981 Ann Soc Belge Med Trop 61 (1) Mar 79-92 Wa
Trypanosoma brucei gambiense, humans, evaluation of various field techniques used in diagnosis: Zaire
- Immunity, Diagnosis
Heyberger K et al
1979 Sborn Lekar 81 (11-12) Nov-Dec 347-348 Wm
toxoplasmosis, trichomoniasis, humans, diagnosis, leukocyte adherence inhibition test, results compare favorably with complement fixation and immunofluorescence tests

- Immunity, Diagnosis**
Hickerton JP; Jones TW
1981 Ann Trop Med and Parasitol 75 (4) Aug 473-474 Wm
Babesia rodhaini, B. microti, B. muratovi (= Nuttallia musculi), serological differentiation with fluorescent antibody staining technique
- Immunity, Diagnosis**
Higuchi S; Kawamura S; Yasuda Y
1979 Kitasato Arch Exper Med 52 (1-4) Dec 1-14 Wm
Theileria antigens, isolation, characterization, and fractionation, use with the passive hemagglutination test to diagnose infections in cattle
- Immunity, Diagnosis**
Hillyer GV et al
1980 Am J Trop Med and Hyg 29 (6) Nov 1254-1257 Wa
Schistosoma haematobium, S. mansoni, humans, single or mixed infections, immunodiagnosis, comparison of circumoval precipitin test, Ouchterlony immunodiffusion, and enzyme-linked immunosorbent assay: Egypt
- Immunity, Diagnosis**
Hillyer GV et al
1981 Am J Trop Med and Hyg 30 (1 pt 1) Jan 121-126 Wa
Schistosoma mansoni, S. haematobium, human, serodiagnosis, circumoval precipitin test, complete cross-reactivity between species, S. haematobium eggs from urine can be used, serum obtained by venipuncture is preferable to serum eluates obtained from blood on filter paper
- Immunity, Diagnosis**
Hillyer GV; Allain D
[1980] J Parasitol 65 (6) Dec 1979 960-963 Issued Apr 2 Wa
Fasciola hepatica, rabbits, comparison of counter-electrophoresis, Ouchterlony immunodiffusion, and indirect hemagglutination for detecting infection and determining chemotherapeutic success
- Immunity, Diagnosis**
Hillyer GV; Kagan IG
1979 Bol Asoc Med Puerto Rico 71 (10) Oct 366-377 Wm
new advances in immunodiagnosis of parasitic infections, enzyme-linked immunosorbent assay
- Immunity, Diagnosis**
Hillyer GV; Kagan IG
1980 Bol Asoc Med Puerto Rico 72 (3) Mar 117-125 Wm
counterimmunoelectrophoresis, use in diagnosing parasitic infections, review
- Immunity, Diagnosis**
Hillyer GV; Santiago de Weil N
1981 Internat J Parasitol 11 (1) Feb 71-78 Wa
Fasciola hepatica, mice, rats, rabbits, counter-electrophoresis useful for serodiagnosis and for predicting chemotherapeutic success; F. hepatica antigens cross react with antisera to S[chistosoma] mansoni adult worms or eggs
- Immunity, Diagnosis**
Houba V
1981 Developments Immunol 14 293-299 Wa
schistosomiasis, human, hypersensitivity reactions with special emphasis on their relation to clinical manifestations of this disease and to immunodiagnosis, brief review
- Immunity, Diagnosis**
Hu X et al
1980 Chinese Med J 93 (8) Aug 557-561 Wm
Paragonimus skrjabini, humans, pre- and post-treatment diagnostic evaluation of counter-immunoelectrophoresis technique vs. agar gel diffusion: areas of Sichuan, China
- Immunity, Diagnosis**
Huldt G
1981 Parasitology 82 (4) July 49-55 Wa
serodiagnosis of parasitic infections, Workshop Proceedings, 3. European Multicolloquium of Parasitology
- Immunity, Diagnosis**
Hunter D et al
1980 Brit Vet J 136 (4) July-Aug 339-342 Wa
Toxoplasma gondii, sheep, assessment of commercially available haemagglutination test kit (Tox HA test) for detecting T. gondii antibodies in sera, comparison with dye test and indirect haemagglutination test
- Immunity, Diagnosis**
Hutchinson GW; Wanduragala L
1981 Vet Parasitol 8 (4) Sept 319-325 Wa
Stephanurus dentatus, pigs (nat. and exper.), immunodiffusion, immunoelectrophoresis, concluded that these tests have limited usefulness in serodiagnosis of naturally occurring stephanuriasis
- Immunity, Diagnosis**
Iacona A; Pini C; Vicari G
1980 Am J Trop Med and Hyg 29 (1) Jan 95-102 Wa
human hydatid disease, serodiagnosis, evaluation of enzyme-linked immunosorbent assay, comparison with indirect hemagglutination, double diffusion, and immunoelectrophoresis
- Immunity, Diagnosis**
Ikeda T et al
[1980] J Parasitol 65 (6) Dec 1979 855-861 Issued Apr 2 Wa
Onchocerca volvulus, human, evaluation of indirect hemagglutination test for serodiagnostic purposes and sero-epidemiological analysis, age and sex distribution of IHA positives in areas of high, medium, and low endemicity: Guatemala
- Immunity, Diagnosis**
Ilardi I; Petracca C
1979 Ann Sclavo 21 (4) July-Aug 568-572 Wm
Entamoeba histolytica, humans, diagnosis, gel diffusion precipitin test vs. fluorescent antibody test, both recommended
- Immunity, Diagnosis**
Ishizuka MM
1978 Rev Fac Med Vet e Zootec Univ S Paulo 15 (1) 45-49 Wa
Toxoplasma gondii, comparative study of Sabin-Feldman and indirect fluorescent antibody techniques for anti-Toxoplasma antibodies evaluation in swine serum

- Immunity, Diagnosis
Ismail MM; James C; Webbe G
1981 Tr Roy Soc Trop Med and Hyg 75 (4) 542-548
Wa
Schistosoma haematobium-infected Papio anubis (exper.), enzyme linked immunosorbent assay for detection of circulating antigen and antibody and for evaluating efficacy of schistosomicides
- Immunity, Diagnosis
Ivanovic D
1980 Rev Med Chile 108 (10) Oct 918-920 Wm
Cysticercus cellulosae, humans, diagnosis, counter immunoelectrophoresis test recommended for use with sera but not with cerebrospinal fluid
- Immunity, Diagnosis
Jacquemin JL; Colasson F; Larroque V
1980 Arch Med Ouest 12 (6) June-July 307-311 Wm
toxoplasmosis, pregnant women, diagnostic serology, prophylactic measures suggested
- Immunity, Diagnosis
Jain AN; Ramanathan P; Ganatra RD
1980 Clin Nuclear Med 5 (1) Jan 25-28 Wm
hydatid cysts of liver, humans, diagnosis, liver scans, analysis of 55 cases, comparisons with results using Casoni's skin test: India
- Immunity, Diagnosis
Janechaiwat J et al
1980 J Med Ass Thailand 63 (8) Aug 439-447 Wm
Opisthorchis viverrini, immunoelectrophoresis test used to diagnose infection in man and to follow course of humoral immune response in hamsters infected with metacercariae; some cross reactions in humans infected with Mekong schistosomiasis or gnathostomiasis
- Immunity, Diagnosis
Janitschke K et al
1981 J Trop Med and Hyg 84 (4) Aug 147-154 Wa
schistosomiasis, humans, diagnosis, evaluation of the ELISA test as an epidemiological tool, comparisons with parasitological findings and other immunodiagnostic tests, test correlations using a Multiscan photometer, recommended for epidemiological surveys
- Immunity, Diagnosis
Jira J et al
1980 Casop Lek Cesk 119 (12-13) Mar 369-372 Wm
Toxoplasma gondii, human sera, diagnosis, complement fixation test vs. indirect fluorescent antibody test
- Immunity, Diagnosis
Johnston LAY et al
1980 Austral Vet J 56 (3) Mar 116-118 Wa
Anaplasma marginale, comparison of direct fluorescent antibody and Giemsa staining for post-mortem diagnosis; cross reactions between A. marginale and A. centrale
- Immunity, Diagnosis
Kagan IG; Norman L
1979 Rev Iber Parasitol 39 (1-4) Jan-Dec 153-164 Wa
Echinococcus granulosus, E. multilocularis, human, diagnosis, evaluation of antigens using the indirect hemagglutination, double diffusion, and immunoelectrophoresis tests
- Immunity, Diagnosis
Kaliraj P et al
1981 J Helminth 55 (2) June 133-139 Wa
Wuchereria bancrofti, utility of human filarial serum immunoglobulin in detecting circulating antigen in filarial sera studied by counter immunoelectrophoresis and indirect haemagglutination test
- Immunity, Diagnosis
Kaliraj P; Ghirnikar SN; Harinath BC
1981 Am J Trop Med and Hyg 30 (5) Sept 982-987 Wa
Wuchereria bancrofti, human, immunodiagnosis, comparative efficiency of indirect hemagglutination test, indirect fluorescent antibody test, and enzyme-linked immunosorbent assay done with W. bancrofti microfilarial antigens
- Immunity, Diagnosis
Karapetian AE; Manucharian DSh; Zavgorodniaia AM
1979 Zhurnal Eksper i Klin Med 19 (4) 59-61 Wm
giardiasis, humans, diagnosis, lymphocyte migration inhibition reaction
- Immunity, Diagnosis
Kariiev TM; Averianova AA; Islambekov ES
1980 Klin Med Moskva 58 (11) 38-40 Wm
echinococcosis, humans, diagnosis, double gel diffusion test, highly sensitive and specific
- Immunity, Diagnosis
Kasai Y et al
1980 Ann Surg 191 (2) Feb 145-152 Wm
alveolar echinococcosis, human liver, clinical manifestations and proposed staging, diagnostic procedures, surgical aspects and outcome, epidemiological considerations: Japan
- Immunity, Diagnosis
Kasliwal RM
1975 Am J Proctol 26 (1) Feb 43-48 Wm
amoebiasis, humans, possible relationships to hepatitis and cirrhosis especially in endemic areas, evaluation by indirect agglutination test recommended
- Immunity, Diagnosis
Kawai K et al
1980 Nippon Ganka Gakkai Zasshi (Acta Soc Ophth Japon) 84 (9) Sept 10 1107-1112 Wm
Toxoplasma gondii, strain RH tachyzoites, assessment and characterization of membrane antigen, localization of membrane antigen in the tachyzoite by immunoelectronmicroscopy, practicability of quantitative antibody detection by fluoropolarimetry with the use of membrane antigen, suggests potential usefulness as diagnostic test
- Immunity, Diagnosis
Kellett BS; Bywater JEC
1980 Lab Animals 14 (2) Apr 83-86 Wa
Encephalitozoon cuniculi antibody detection in rat and mouse serum by indirect india-ink immunoreaction and india-ink immunoreaction inhibition tests, comparison with indirect fluorescence antibody test

- Immunity, Diagnosis**
Keus A; Kloosterman A; van den Brink R
1981 Vet Parasitol 8 (3) July 229-236 Wa
Cooperia spp., Ostertagia spp., calves, detection of antibodies with enzyme linked immunosorbent assay, some degree of genus specificity when using L4 or adult antigens but not L3 antigens, stage-specificity observed for Cooperia L4 antigen for limited period after primary single infection
- Immunity, Diagnosis**
Key SN III et al
1980 Arch Opthh Chicago 98 (3) Mar 475-479 Wa
Acanthamoeba castellanii, 27-year-old man with keratitis, clinico-pathologic case report, organism identified by immunofluorescent staining of material from necrotic cornea of enucleated eye
- Immunity, Diagnosis**
Khalil HM et al
1979 J Egypt Pub Health Ass 54 (3) 126-137 Wm
Ascaris, Toxocara, human, precipitin absorption test is useful tool for mass seroepidemiological survey: Egypt
- Immunity, Diagnosis**
Khamis Y; Fahmy L
1979 Vet Med J Giza 25 (25) 1977 193-197 Issued Jan 14 Wa
filariasis, large animals, diagnosis, evaluation of intradermal test using Dirofilaria immitis as antigen
- Immunity, Diagnosis**
Khan MA
1981 Canad Vet J 22 (2) Feb 36-41 Wa
Hypoderma spp., cattle, rabbits, and guinea pigs (all exper.), diagnosis, intradermal test using H. lineatum larval antigen, cross-reaction against H. bovis infection
- Immunity, Diagnosis**
Kharat I et al
1981 Indian J Exper Biol 19 (6) June 564-565 Wa
Wuchereria bancrofti, microfilarial exoantigen, detection, diagnostic utility in indirect haemagglutination test on human sera
- Immunity, Diagnosis**
van Knapen F et al
1980 Vet Parasitol 7 (2) Sept 109-121 Wa
Trichinella spiralis, pigs (exper.), detection of infections, comparison of enzyme-linked immunosorbent assay with trichinostomy, digestion method, and immunofluorescence technique
- Immunity, Diagnosis**
Knierim F et al
1980 Bol Chileno Parasitol 35 (3-4) July-Dec 62-66 Wm
Toxoplasma gondii, humans, diagnosis, comparative evaluation of indirect hemagglutination test, dye test, and complement fixation test
- Immunity, Diagnosis**
Knoblock J; Funke M; Bienzle U
1980 Tropenmed u Parasitol 31 (4) Dec 414-416 Wa
Entamoeba histolytica, human, autochthonous liver abscess, case report, immunological confirmation using enzyme-linked immunosorbent assay: Hamburg, West Germany
- Immunity, Diagnosis**
Kocan KM et al
1980 Am J Vet Research 41 (12) Dec 1977-1981 Wa
Anaplasma marginale demonstrated in Dermacentor variabilis by ferritin-conjugated antibody technique
- Immunity, Diagnosis**
Kozojed V et al
1980 Casop Lek Cesk 119 (48) Nov 28 1310-1315 Wm
Toxoplasma antigen used to compare indirect haemagglutination test with complement fixation and indirect fluorescent antibody tests, diagnosis of human toxoplasmosis
- Immunity, Diagnosis**
Krug K
1979 Ztschr Ges Innere Med 34 (16) Aug 15 447-450 Wm
toxoplasmosis, differential diagnosis in patients with lymphogranulomatosis, importance of sero-colour findings in Sabin-Feldman dye test
- Immunity, Diagnosis**
Kumar PS; Kumar R; Mohapatra LN
1978 Indian J Med Research 68 July 44-51 Wa
toxoplasmosis, serodiagnosis, purification of haemagglutination antigen
- Immunity, Diagnosis**
Kutsumi H et al
1980 Hokkaido Igaku Zasshi (Hokkaido J Med Sc) 55 (2) Mar 89-103 Wm
[Schistosoma] japonica, diagnosis, inhabitants of an endemic area tested using the immediate intradermal reaction, epidemiologic study based on the analysis of these reactions, significance of age, sex, contents of antigen used, variations in sections of survey area, suggested disease control measures and vector control measures: Yamanashi Prefecture, Japan
- Immunity, Diagnosis**
Labro-Bryskier MT et al
1981 Ann Biol Clin 39 (4) 175-180 Wa
toxoplasmosis, human, diagnosis; effect of presence of rheumatoid factors on results for determination of antitoxoplasm IgM antibodies by immunofluorescence and agglutination techniques
- Immunity, Diagnosis**
Lamina J
1979 Rev Med Chile 107 (3) Mar 236-238 Wm
visceral larva migrans of Toxocara canis, Trichinella spiralis, humans, diagnosis, efficacy of microprecipitation test using live larvae vs. agar gel precipitation technique
- Immunity, Diagnosis**
Lamina J
1980 Deutsche Med Wchnschr 105 (22) May 30 796-799 Wa
Toxocara spp. causing human visceral larva migrans, diagnosis, antibodies demonstrated using Ouchterlony and microprecipitation techniques with heterologous antigens, clinical symptoms and other clinical aspects
- Immunity, Diagnosis**
Lansetti JC et al
1980 Medicina Buenos Aires 40 Suppl (1) 258-259 Wm
Trypanosoma cruzi, humans, diagnosis, serologic screening tests compared (rapid agglutination, rapid hemagglutination, immunofluorescence)
- Immunity, Diagnosis**
Lapierre J et al
1978 Bull Soc Path Exot 71 (4-5) July-Oct 354-361 Wa
Schistosoma haematobium, S. mansoni, human sera, diagnosis, indirect immunofluorescence using homologous vs. heterologous antigens, combined antigens may be useful for epidemiologic surveys

- Immunity, Diagnosis
Lapierre J et al
1978 Bull Soc Path Exot 71 (6) Nov-Dec 450-454
Wa
Schistosoma intercalatum, human rectal infections, diagnosis, far better results obtained using *S. haematobium* as antigen than using *S. mansoni* antigen, indirect immunofluorescence
- Immunity, Diagnosis
Lapierre J et al
1979 Bull Soc Path Exot 72 (2) Mar-Apr 148-152
Wa
Schistosoma mansoni, serums from central and west African groups vs. West Indians, differences in responses to indirect fluorescent antibody test
- Immunity, Diagnosis
Lapierre J et al
1980 Nouv Presse Med 9 (14) Mar 22 1013-1016
Wm
echinococcosis, humans, study of 146 confirmed cases, localization, immunodiagnosis
- Immunity, Diagnosis
Lapierre J; Ancelle T; Roose A
1978 Bull Soc Path Exot 71 (4-5) July-Oct 349-354
Wa
Schistosoma haematobium, *S. mansoni*, mice, diagnosis, indirect fluorescent antibody technique, heterologous and homologous antigens compared
- Immunity, Diagnosis
Laudanska H et al
1980 Przegł Dermat 67 (2) Mar-Apr 187-192
Wm
Trichomonas vaginalis, patients with asymptomatic or latent forms, indirect immunofluorescence test useful diagnostic tool
- Immunity, Diagnosis
Lawrence JA
1979 J South African Vet Ass 50 (4) Dec 311-313
Wa
Theileria spp., cattle, differential diagnosis based on serological, morphological, and epidemiological grounds, review: southern Africa
- Immunity, Diagnosis
Leaute JB; Hanna SM
1980 Ann Biol Clin 38 (3) 175-178
Wm
toxoplasmosis, human sera, diagnosis, enzyme-linked immunosorbent assay compared with other immunologic diagnostic tests
- Immunity, Diagnosis
Le Bras J et al
1980 Ann Soc Belge Med Trop 60 (2) June 163-171
Wa
Dracunculus medinensis, infected human serum, specific antibody pattern without cross reaction with other parasitic infections, study used several immunodiagnostic tests
- Immunity, Diagnosis
Leggiadro RJ et al
1981 J Infect Dis 144 (5) Nov 484
Wa
Pneumocystis carinii antigen measured by enzyme immunoassay, sensitive system useful for diagnostic purposes and for testing food, water, and soil samples in epidemiologic investigation
- Immunity, Diagnosis
Levine DM; Hillyer GV; Flores SI
1980 Am J Trop Med and Hyg 29 (4) July 602-608
Wa
Fasciola hepatica, mice and rabbits given and not given chemotherapy, diagnosis, comparison of counterelectrophoresis (CEP), enzyme-linked immunosorbent assay (ELISA), and Kato thick-smear stool examinations, ELISA was most sensitive in detecting early infection but CEP was best indicator of chemotherapeutic success
- Immunity, Diagnosis
Lewert RM et al
1980 Am J Trop Med and Hyg 29 (3) May 431-434
Wa
Schistosoma japonicum, human, 'atypical' precipitates in circumoval precipitin test are indicative of recently acquired infections: Barrio San Antonio, Bases, Samar, Philippines
- Immunity, Diagnosis
Lewis D; Herbert I
1980 Vet Rec 107 (15) Oct 11 352-353
Wa
Babesia motasi, sheep exposed to Haemaphysalis punctata collected from coastal grazing area of North Wales, diagnosis in blood smears and by immunofluorescent antibody test
- Immunity, Diagnosis
Lewis EA; Salimonu LS; Osunkoya BO
1978 African J Med and Med Sc 7 (4) Dec 197-200
Wm
Necator americanus, immunofluorescence technique developed to detect antibodies to surface antigens of hookworm using 3rd stage larvae as antigen source; specific antibody production of various groups compared (patients with severe anemia, blood donors, medical students, Canadian Caucasians): Nigeria
- Immunity, Diagnosis
Leynadier F et al
1980 Brit Med J (6226) 280 May 24 1251-1252
Wa
hydatidosis, humans, diagnosis, basophil degranulation test, useful and simple
- Immunity, Diagnosis
Leynadier F et al
1980 Nouv Presse Med 9 (21) May 10 1515-1516
Wm
echinococcosis, humans, degranulation of basophils, diagnostic value
- Immunity, Diagnosis
Lin CY; Chen SN
1980 Med J Osaka Univ 31 (1-2) Sept 1-6
Wm
Angiostrongylus cantonensis, humans who had had contacts with Achatina fulica vectors, clinical pathology, mainly presentation as eosinophilic meningitis, immunodiagnosis, first reports in Northern Taiwan
- Immunity, Diagnosis
Lin TM et al
1981 J Clin Microbiol 13 (4) Apr 646-651
Wa
Entamoeba histolytica, human, simple standardized enzyme-linked immunosorbent assay, high degree of correlation with agar gel diffusion, counterelectrophoresis, and indirect hemagglutination methods as well as with clinical data
- Immunity, Diagnosis
Lin TM; Halbert SP; O'Connor GR
1980 J Clin Microbiol 11 (6) June 675-681
Wa
Toxoplasma gondii, human, standardized quantitative enzyme-linked immunosorbent assay for detection of antibodies, comparison with dye test, indirect immunofluorescence test, and passive hemagglutination test

Immunity, Diagnosis

Long EG et al
1981 Tr Roy Soc Trop Med and Hyg 75 (3) 365-371
Wa
Schistosoma mansoni, human, diagnosis, comparison of sensitivity and specificity of ELISA, radioimmunoassay, and stool examination (Bell filtration technique, Kato thick smear), host age effects: St. Lucia, West Indies

Immunity, Diagnosis

Long EG; Lawrence MC; Augustine T
1981 Tr Roy Soc Trop Med and Hyg 75 (5) 740-741
Wa
Schistosoma mansoni, human, persistence of seropositivity by ELISA in blood spots on filter paper strips

Immunity, Diagnosis

Lopez-Brea M
1980 Tr Roy Soc Trop Med and Hyg 74 (2) 283-284
Wa
kala-azar, human, 3 cases, diagnosis and serological follow-up using Crithidia sp. as antigen in immunofluorescence test

Immunity, Diagnosis

Losos GJ
1980 Vet Research Commun 4 (3) Nov 165-181 Wa
Trypanosoma evansi, review (epidemiology, diagnosis, clinical signs, pathology, immunology, laboratory animal models, chemotherapy)

Immunity, Diagnosis

Lowenthal MN et al
1980 Tr Roy Soc Trop Med and Hyg 74 (1) 99-103
Wa
Schistosoma mansoni, human, elevated IgG of value in differentiating schistosomal splenomegaly from other tropical splenomegaly: Northern Zambia

Immunity, Diagnosis

Lugetti G et al
[1980] Riv Parassitol Roma 39 (2-3) 1978
187-192 Issued Jan Wa
adherence reaction between Toxocara canis L2 previously sensitized with immune serum and peritoneal macrophages from normal guinea pigs

Immunity, Diagnosis

Lurhuma AZ et al
1978 Ann Soc Belge Med Trop 58 (4) Dec 301-307
Wa
Trypanosoma brucei gambiense, humans, cryoglobulinaemia associated with soluble antigens and fluorescent antitrypanosome antibodies in infected human cases, possible significance in diagnosis

Immunity, Diagnosis

Luther DG; Cox HU; Nelson WO
1980 Am J Vet Research 41 (12) Dec 2085-2086 Wa
anaplasmosis, comparisons of complement-fixation and card-agglutination tests with calf inoculations for detection of carriers in herd of cattle 15 months after discontinuing vaccination for anaplasmosis

Immunity, Diagnosis

Luxenberg MN
1979 Tr Am Ophth Soc 77 542-602 Wm
Toxocara canis, exper, infection in Aotus trivirgatus, clinical manifestations with emphasis on eye infections, various diagnostic tests, evaluation of systemic and intraocular responses with various laboratory and serological tests including the ELISA test, literature review

Immunity, Diagnosis

Lynngset A
1980 Lab Animal Sc 30 (3) June 558-561 Wa
Encephalitozoon cuniculi antibodies in breeding rabbits, India ink immunoreaction test, antibodies passively transmitted to young, age changes in antibody titers, possible prenatal or postnatal infection

Immunity, Diagnosis

Mackey L et al
1980 Parasitology 80 (1) Feb 171-182 Wa
Plasmodium berghei, mice, diagnosis, solid-phase radioimmunoassay for detection of malaria antigens

Immunity, Diagnosis

Mackey L; McGregor IA; Lambert PH
1980 Bull World Health Organ 58 (3) 439-444 Wa
Plasmodium falciparum, humans, diagnosis, detection of antigens using a solid-phase radioimmunoassay, highly significant degree of correlation with comparative results of microscopy

Immunity, Diagnosis

McLaren ML et al
1979 Tr Roy Soc Trop Med and Hyg 73 (6) 636-639
Wa
Schistosoma mansoni, humans, serodiagnosis, enzyme linked immunosorbent assay: St. Lucia

Immunity, Diagnosis

McLaren ML et al
1981 Tr Roy Soc Trop Med and Hyg 75 (1) 72-79
Wa
Schistosoma mansoni, human, serodiagnosis, enzyme-linked immunosorbent assay, enhanced sensitivity and specificity using fraction containing S. mansoni egg antigens ω^1 and α^1 (specificity of 100% with respect to non-schistosome infections and cases of avian cercarial dermatitis, 70% and 94% specificity with respect to S. japonicum and S. haematobium infections respectively)

Immunity, Diagnosis

McMahon Pratt D; David JR
1981 Nature London (5816) 291 June 18-24 581-583
Wa
Leishmania braziliensis, L. mexicana, production of monoclonal antibodies specific for these 2 species, assayed for cross-reactivity with Leishmania spp. and Trypanosoma cruzi, should be useful in taxonomic identification of different species of New World leishmaniae as well as for direct diagnosis of leishmaniasis

Immunity, Diagnosis

Magnus E et al
1978 Ann Soc Belge Med Trop 58 (2) June 103-109
Wa
[Trypanosoma] brucei gambiense, humans, diagnosis, conventional preparation vs. freeze-dried preparation of T. b. brucei antigen in the indirect fluorescent antibody test

Immunity, Diagnosis

Magnus E; Vervoort T; Van Meirvenne N
1978 Ann Soc Belge Med Trop 58 (3) Sept 169-176
Wa
Trypanosoma brucei gambiense, humans, diagnosis, card agglutination test using a suspension of fixed and stained T. b. brucei of defined variable antigen type, method also evaluated against sera of patients free of sleeping sickness and those with various parasitoses

- Immunity, Diagnosis
Mahajan RC; Ganguly NK
1980 Tr Roy Soc Trop Med and Hyg 74 (3) 300-302
Wa
Entamoeba histolytica, human, liver abscess, immunodiagnosis and prognosis, detection of amebic antigen in liver pus/biopsy specimens and serum by counter-immunoelectrophoresis, correlation between amebic antigen positivity and indirect haemagglutination seropositivity, possible role of amebic antigen in immune complex formation and pathogenesis
- Immunity, Diagnosis
Mansueto S et al
1979 Ann Sclavo 21 (1) Jan-Feb 93-99 Wm
Leishmania, human and canine visceral infections, counter-immunoelectrophoresis suggested for field use in diagnosis
- Immunity, Diagnosis
Mansueto S et al
1980 Quad Sclavo Diag Clin e Lab 16 (3) Sept 258-266 Wm
visceral leishmaniasis, human and canine, diagnosis, evaluation of counterimmunoelectrophoresis on cellulose acetate membrane
- Immunity, Diagnosis
Mansueto S et al
1980 Tr Roy Soc Trop Med and Hyg 74 (2) 260-261
Wa
hydatidosis, human, diagnosis, simplified counter-immunoelectrophoresis with commercially-produced antigen on cellulose acetate membrane
- Immunity, Diagnosis
Marini C et al
1979 Gior Batteriol Virol ed Immunol 72 (1-6) Jan-June 160-168 Wm
Toxoplasma gondii, sera from parturient patients, diagnosis, simultaneous screening of sera by direct agglutination and by immunochromatographic turbidimetric determination for antibodies and immunoglobulins respectively, useful in assessment of active infections
- Immunity, Diagnosis
Martinez-Cairo S et al
1980 Arch Invest Med 11 (3) 347-359 Wm
Cysticercus cellulosae, patients with surgically confirmed central nervous system infections, diagnostic study, indirect hemagglutination test using antibody vs. cysticercus antigen, 68% sensitivity reported
- Immunity, Diagnosis
Mas Bakal P; in't Veld N
1979 Acta Leidensia 47 37-44 Wa
Toxoplasma (RH and Burk strains), mice (exper.), suspected toxoplasmosis in patients, value of circulating antigen, antibody, and parasitaemia in distinguishing acute, latent, and superinfections, enzyme-linked immunosorbent assay, Sabin Feldman dye test
- Immunity, Diagnosis
Mathews HM; Spencer HC; Healy GR
1980 Tr Roy Soc Trop Med and Hyg 74 (3) 404-405
Wa
Entamoeba histolytica, human, comparison of indirect haemagglutination test on serum and filter paper specimens: El Salvador
- Immunity, Diagnosis
Matossian RM
1981 J Helminth 55 (1) Mar 49-57 Wa
hydatid disease, human, simplified radioimmunoassay (RIA) compared with indirect haemagglutination test; trichinosis, human, RIA compared with fluorescent antibody test
- Immunity, Diagnosis
Mauras G; Laget P; Senet JM
1979 Arch Med Ouest 11 (1) Jan 43-46 Wm
Toxoplasma gondii, diagnosis, latex agglutination
- Immunity, Diagnosis
Meakins RH; Harland PSEG; Carswell F
1981 Tr Roy Soc Trop Med and Hyg 75 (5) 731-735
Wa
helminthiasis and malnutrition among school-children, preliminary survey; immediate skin hypersensitivity tests for Ascaris and Schistosoma proved unreliable: Tanzania
- Immunity, Diagnosis
Mejsnarova B et al
1979 Ceskoslov Gynek 44 (10) Dec 741-742 Wm
toxoplasmosis, women with spontaneous abortions, diagnosis, leukocyte adherence inhibition test
- Immunity, Diagnosis
Mesaric B; Panian Z
1979 Lijec Vjesnik Zagreb 101 (8) Aug 501-502
Wm
parasitic orbital edema, significance of immuno-diagnosis; fascioliasis, child, case report, diagnosed by skin test and gel diffusion
- Immunity, Diagnosis
Michael AI et al
1979 Tropenmed u Parasitol 30 (4) Dec 423-425
Wa
Schistosoma mansoni, S. haematobium, human, single and mixed infections, diagnosis, immunoperoxidase histochemistry, comparison with ELISA
- Immunity, Diagnosis
Milatovic D; Braveny I
1980 J Clin Path 33 (9) Sept 841-844 Wa
Toxoplasma gondii, diagnosis, enzyme-linked immunosorbent assay (ELISA) vs. dye test and indirect haemagglutination test, ELISA offers no clear advantage in routine serological diagnosis but would be useful in population screening if method were standardised
- Immunity, Diagnosis
Milder JE et al
1980 J Clin Microbiol 11 (4) Apr 409-417 Wa
Pneumocystis carinii in rat bronchial lavage fluid, diagnosis, comparison of histological stains and immunological techniques, cresyl echt violet and indirect fluorescent antibody are preferred techniques
- Immunity, Diagnosis
Miller EC
1980 Zentralbl Gynak 102 (5) 283-294 Wm
Toxoplasma gondii, humans, diagnosis, qualitative and quantitative comparisons of dye test, complement fixation, and intradermal test

- Immunity, Diagnosis
Miller EC
1980 Zentralbl Gynak 102 (5) 295-297 Wm
Toxoplasma gondii, diagnostic skin test survey of pregnant women, test results show that following toxoplasmosis infection cellular immune reactions increase slowly, continued use of intradermal test recommended
- Immunity, Diagnosis
Miller EC
1980 Zentralbl Gynak 102 (13) 702-708 Wm
Toxoplasma gondii, humans, changes in antibody titers during pregnancy determined using the dye test, skin test, and complement fixation test, diagnostic value of titer changes and correlations with choriogonadotrophic hormones excreted in urine
- Immunity, Diagnosis
Milonov OB et al
1979 Khirurgiia (12) Dec 18-24 Wm
echinococcosis, humans, subdiaphragmatic localizations, diagnostic pathologic features, diagnosis by latex and hemagglutination tests and by radiography, surgical procedures
- Immunity, Diagnosis
Mitchell GF et al
1981 Proc National Acad Sc 78 (5) May 3165-3169 Wa
Schistosoma japonicum, hybridoma-derived antibody with immunodiagnostic potential, results of radioimmunoassay with Philippine sera
- Immunity, Diagnosis
Mithal S et al
1978 Indian J Med Research 67 Mar 367-373 Wa
amoebiasis, human, serodiagnosis, indirect fluorescent antibody test using axenic Entamoeba histolytica, comparison with indirect hemagglutination test
- Immunity, Diagnosis
Modzelewska I; Modzelewska-Kolasa A
1980 Wiadom Lekar 33 (2) Jan 15 97-99 Wm
umbilical cord serum of 154 randomly selected newborn infants examined using the Rapi-Test IgM test in order to detect possible intrauterine infections such as Toxoplasma
- Immunity, Diagnosis
Monjour L et al
1978 Ann Soc Belge Med Trop 58 (4) Dec 287-291 Wa
Leishmania donovani in modified liquid culture medium, quick production of somatic and metabolic antigens, useful with the gel diffusion test for diagnosing and field screening for infections of man and animals
- Immunity, Diagnosis
Monjour L et al
1978 Ann Soc Belge Med Trop 58 (4) Dec 293-300 Wa
Leishmania donovani, counterimmunoelectrophoresis on cellulose acetate membranes, useful tool for diagnosis and epidemiological surveys of human or canine sera, comparisons with results using the fluorescent antibody test
- Immunity, Diagnosis
Montenegro S et al
1981 Vet Parasitol 8 (4) Sept 291-297 Wa
Babesia bovis, Anaplasma marginale, cattle, diagnosis, utilization of culture-derived soluble antigen in latex agglutination test
- Immunity, Diagnosis
Morii T et al
1981 Internat J Parasitol 11 (3) June 187-190 Wa
Leucocytozoon caulleryi, chickens, evaluation of immunodiffusion test for epizootiological surveys, comparison with parasitological diagnosis, some data on seasonal incidence in Japan, L. sabrazezi also found in Taiwan; Japan; Taiwan; Philippines; Singapore; Malaysia; Thailand
- Immunity, Diagnosis
Muhm RL et al
1979 Proc 22 Ann Meet Am Ass Vet Lab Diagn (San Diego California Oct 28-30 1979) 139-146 Wa
Sarcocystis, cattle, case history, diagnosis using immunofluorescence, serology, and histopathology
- Immunity, Diagnosis
Mukerji K et al
1980 Indian J Exper Biol 18 (8) Aug 905-906 Wa
Ascaris lumbricoides var. hominis, trichloroacetic acid soluble fraction of body wall extract used in intradermal test for immunodiagnosis of human ascariasis
- Immunity, Diagnosis
Murthy PK et al
1978 Indian J Med Research 68 Sept 428-434 Wa
Brugia malayi larval antigen used for filariasis skin test, reactions inhibited in persons receiving diethylcarbamazine therapy: villages near Lucknow
- Immunity, Diagnosis
Nagathy HF; Tabarestani M
1979 Tr Roy Soc Trop Med and Hyg 73 (6) 720-721 Wa
hydatidosis, humans, diagnosis, evaluation of counter-immunoelectrophoresis and agar gel diffusion techniques: Iran
- Immunity, Diagnosis
Naot Y; Barnett EV; Remington JS
1981 J Clin Microbiol 14 (1) July 73-78 Wm
Toxoplasma gondii, human, diagnosis, method for avoiding false-positive results occurring in IgM enzyme-linked immunosorbent assays due to presence of both rheumatoid factor and antinuclear antibodies
- Immunity, Diagnosis
Naot Y; Desmonts G; Remington JS
1981 J Pediat St. Louis 98 (1) Jan 32-36 Wa
Toxoplasma gondii, infants with congenital infection, diagnosis, IgM enzyme-linked immunosorbent assay test is highly sensitive and specific
- Immunity, Diagnosis
Naot Y; Remington JS
1980 J Infect Dis 142 (5) Nov 757-766 Wa
Toxoplasma gondii, humans, enzyme-linked immunosorbent assay for detection of IgM antibodies, more sensitive than Sabin-Feldman dye test or IgM-immunofluorescence antibody test
- Immunity, Diagnosis
Nemec R; Catar G
1981 Bratisl Lekar Listy 76 (2) Aug 151-156 Wm
toxoplasmosis, humans, diagnosis, enzyme-linked immunosorbent assay, recommendations for use

- Immunity, Diagnosis
Neva FA; Gam AA; Burke J
1981 J Infect Dis 144 (5) Nov 427-432 Wa
strongyloidiasis in humans, comparison of
larval antigens in an enzyme-linked immuno-
sorbent diagnostic assay
- Immunity, Diagnosis
Ngu JL
1978 Acta Trop 35 (3) Sept 269-279 Wa
Onchocerca volvulus, patients with generalized
type vs. localized reactive type disease, skin
testing, leucocyte migration inhibition test,
enzyme linked immunosorbent assay
- Immunity, Diagnosis
Ngu JL et al
1981 Tropenmed u Parasitol 32 (3) Sept 165-170
Wa
Onchocerca volvulus, human, diagnostic skin
test, excretory/secretory products of micro-
filariae from nodules used as antigen, low
incidence of positive reactions in patients
with Loa loa or Ascaris, same subjects skin
tested with Ascaris lumbricoides somatic an-
tigen also
- Immunity, Diagnosis
Nilsson LA et al
1980 Tr Roy Soc Trop Med and Hyg 74 (2) 201-204
Wa
Schistosoma mansoni, human, serodiagnosis by
thin layer immunoassay (TIA), comparison with
passive haemagglutination and
immunoprecipitation, cross-testing of sera of
patients with different parasitic diseases
using TIA plates coated with extracts from the
relevant parasites
- Immunity, Diagnosis
Nilsson LA; Petchclai B; Elwing H
1980 Am J Trop Med and Hyg 29 (4) July 524-529
Wa
Entamoeba histolytica, human, thin layer immu-
noassay used to demonstrate antibodies, com-
parison with indirect hemagglutination and im-
munodiffusion techniques
- Immunity, Diagnosis
Nuti M; Abdullhai SE; Vullo V
1978 Ann Med Nav 83 (4) Oct-Dec 964-968 Wm
Schistosoma haematobium, humans, diagnosis,
indirect immunoperoxidase test
- Immunity, Diagnosis
Nuttall PA
1980 Lancet London (8175) 1 May 3 873-874 Wa
Toxoplasma, pregnant women, modified haemag-
glutination test used for routine diagnostic
screening, reliable results at low cost
- Immunity, Diagnosis
O'Hara CM; Gardner WA; Bennett BD
1980 Acta Cytol 24 (5) Sept-Oct 448-451 Wa
Trichomonas vaginalis, immunoperoxidase stain-
ing in cytologic material, diagnosis
- Immunity, Diagnosis
Omanga U; Muganga N
1981 Ann Soc Belge Med Trop 61 (1) Mar 5-14 Wa
Plasmodium falciparum, children with acute in-
fections, fluorescent antibody test used to
compare serological immune response to uncom-
plicated vs. cerebral infection: Zaire
- Immunity, Diagnosis
Oniki S; Kurakazu K
1980 Nippon Ganka Gakkai Zasshi (Acta Soc Optht
Japon) 84 (9) Sept 10 1408-1416 Wm
toxoplasmosis, serum from humans with eye in-
fections, diagnostic evaluation of indirect
fluorescent antibody test, indirect hemagglu-
tination test, and latex agglutination test,
Sabin-Feldman dye test used as reference
- Immunity, Diagnosis
Orlandi M; Bottone U
[1980] Riv Parassitol Roma 39 (2-3) 1978
193-197 Issued Jan Wa
visceral larva migrans, diagnosis in humans
and animals using the adherence reaction test
and serum from rabbits experimentally infected
with Toxocara canis vs. Ascaris suum
- Immunity, Diagnosis
Osman ZM et al
1978 Bull Optht Soc Egypt (75) 71 177-190 Wm
Toxoplasma, blind children, diagnosis of con-
genital infection using fluorescent antibody
test, probable role in etiology of blindness:
Egypt
- Immunity, Diagnosis
Pakan J et al
1980 Bratisl Lekar Listy 73 (5) May 580-585 Wm
toxoplasmosis, diagnostic importance of sero-
immunological testing of pregnant women in
order to reduce prenatal infections and abor-
tions: Bratislava
- Immunity, Diagnosis
Pannuti CS et al
1980 Internat J Epidemiol 9 (4) Dec 349-353 Wm
T[oxoplasma] gondii as an etiologic agent of
the mononucleosis syndrome, differential diag-
nosis of clinical and haematologic features
using the immune-adherence haemagglutination
test and other serological tests: Sao Paulo,
Brazil
- Immunity, Diagnosis
Parratt D; Cobb SJ
1978 African J Med and Med Sc 7 (2) June 57-64
Wm
Trypanosoma rhodesiense, T. gambiense, humans,
diagnosis, heterophile antibody induced
agglutinin reactions to sheep and rabbit red
cells
- Immunity, Diagnosis
Patterson M; Healy GR; Shabot JM
1980 Gastroenterology 78 (1) Jan 136-141 Wa
Entamoeba histolytica, human, serologic diagno-
sis (indirect hemagglutination and gel diffu-
sion precipitation) superior to fecal examina-
tion
- Immunity, Diagnosis
Pauluzzi S et al
1981 Boll Ist Sieroterap Milanese 60 (2) May 31
144-149 Wa
hydatid disease, human, diagnosis, quantita-
tive standardization of enzyme-linked immuno-
sorbent assay
- Immunity, Diagnosis
Peralta JM et al
1980 J Parasitol 66 (2) Apr 342-344 Wa
Trypanosoma cruzi, mice infected with different
strains, antibodies detected by different
immunodiagnostic tests

- Immunity, Diagnosis
Peralta JM et al
1981 Tr Roy Soc Trop Med and Hyg 75 (5) 695-698
Wa
Trypanosoma cruzi, human, diagnosis, direct agglutination test, effect of pre-treatment of test samples with 2-mercaptoethanol, comparison with results in indirect haemagglutination and indirect immunofluorescence tests: Brazil
- Immunity, Diagnosis
Pereira CA et al
1980 Rev Inst Med Trop S Paulo 22 (4) July-Aug 180-183 Wm
Trypanosoma cruzi, human serum, diagnosis, automated complement fixation test, more sensitive than similar techniques, applications for blood banks and research using large numbers of serum samples
- Immunity, Diagnosis
Pereira Lorenzo A
1979 Rev Iber Parasitol 39 (1-4) Jan-Dec 401-409
Wa
Sarcocystis miescheriana, incidence in swine, diagnosis, direct microscopic examination of compressed tissue, pepsin-muscular digestion, and indirect immunofluorescence
- Immunity, Diagnosis
Peters M et al
1979 Tropenmed u Parasitol 30 (4) Dec 409-416
Wa
Entamoeba histolytica, human hepatic abscesses, retrospective clinical evaluation of 27 cases: diagnostic methods, clinical findings, medical vs. surgical therapy
- Immunity, Diagnosis
Petithory J
1979 Bull Soc Path Exot 72 (4) July-Aug 386-395
Wa
parasitic diseases, humans, diagnosis, obligatory quality control for public and private diagnostic laboratories: France
- Immunity, Diagnosis
Petithory J; Pampiglione S; Perrin JP
1979 Bull Soc Path Exot 72 (4) July-Aug 357-362
Wa
serological survey of pygmy population using various helminth antigens, high degree of positive reactions and increased levels of immunoglobulins: Cameroon
- Immunity, Diagnosis
Philippe E et al
1979 Nouv Presse Med 8 (6) Feb 3 442 Wm
toxoplasmosis, humans, diagnosis, lymph node biopsy as adjunct to fluorescent antibody test
- Immunity, Diagnosis
Picardo NG; Diaz R; Guisantes JA
1977 Rev Iber Parasitol 37 (3-4) July-Dec 273-283 Wa
hepatic hydatidosis, human, preoperative sera of 35 cases, diagnostic evaluation using single radial diffusion vs electrosyneresis
- Immunity, Diagnosis
Picardo NGA; Guisantes JA
1981 Parasite Immunol 3 (3) Autumn 191-199 Wm
Echinococcus granulosus, human, comparative sensitivity and specificity of 3 immunodiagnostic tests (latex agglutination, indirect haemagglutination, counterimmunoelectrophoresis), all 3 considered suitable for epidemiological screening, all 3 correlated well with immunoelectrophoresis test based on presence of arc 5
- Immunity, Diagnosis
Picq JJ et al
1979 Bull Soc Path Exot 72 (3) May-June 231-237
Wa
African trypanosomiasis, humans, diagnosis, evaluation of the micro-ELISA test using Trypanosoma b. brucei as antigen source
- Immunity, Diagnosis
Pieron R et al
1980 Med Trop 40 (3) May-June 259-264 Wm
Schistosoma haematobium, humans, diagnostic techniques compared (centrifugation of urine, rectal mucosa biopsy, indirect immunofluorescence test)
- Immunity, Diagnosis
Pillay MR; Frank H; Ponnampalam JT
1981 Southeast Asian J Trop Med and Pub Health 12 (1) Mar 111-113 Wa
Plasmodium spp., humans, antibody titers measured by indirect fluorescent antibody test for diagnosis and to assess cure rate 18 months later
- Immunity, Diagnosis
Pinon JM et al
1978 Bull Soc Path Exot 71 (2) Mar-Apr 189-195
Wa
human parasitic diseases, critical evaluation of immuno-enzymatic reactions coupled with precipitation tests on cellulose acetate membranes
- Immunity, Diagnosis
Pokorny J et al
1979 J Hyg Epidemiol Microbiol and Immunol 23 (3) 353-356 Wa
Toxoplasma gondii, tween-ether antigen compared with frozen and thawed as well as commercial antigens for diagnosis of toxoplasmosis in human sera, complement fixation and Sabin-Feldman tests
- Immunity, Diagnosis
Polderman AM; de Vries H; van de Water TPM
1980 Acta Leidensia 48 37-42 Wa
toxocarasis, human, serological diagnosis, unsuccessful attempts to increase specificity of ELISA by using fractions of larval Toxocara canis antigens, immunofluorescence on cuticle of intact larvae show to be specific but not very sensitive test
- Immunity, Diagnosis
Pollard ZF et al
1979 Ophthalmology 86 (5) May 743-752 Wm
Toxocara canis, humans, eye involvement, diagnosis using the enzyme-linked immunosorbent assay, no significant improvement with thiazabendazole therapy
- Immunity, Diagnosis
Poupin F et al
1978 Bull Soc Path Exot 71 (6) Nov-Dec 430-440
Wa
African trypanosomiasis, humans, diagnosis, enzyme linked immunosorbent assay vs. immunoperoxidase technique
- Immunity, Diagnosis
Prakash D et al
1980 Indian Pediat 17 (7) July 619-623 Wm
Ascaris lumbricoides var. hominis, diagnostic value of purified human antigen investigated as skin test in children, possible use in epidemiology surveys, and as verification of other test methods: India

- Immunity, Diagnosis
Prasad LS; Saran R; Sells P
1980 Indian J Med Research 71 May 708-711 Wa
Leishmania donovani, human visceral infections, diagnosis, microplate enzyme linked immunosorbent assay
- Immunity, Diagnosis
Quakyi IA
1980 Tropenmed u Parasitol 31 (3) Sept 325-333 Wa
malaria, development and validation of enzyme linked immunosorbent assay, immunodiagnostic and seroepidemiological value, comparison with indirect immunofluorescence antibody test
- Immunity, Diagnosis
Radda TM et al
1981 Klin Monatsbl Augenh 178 (2) Feb 147-148 Wm
Loa loa, humans, Loa ophthalmia, clinical aspects, diagnosis using the indirect immunofluorescence test, surgical therapy
- Immunity, Diagnosis
Rassam MB; Al-Mudhaffar SA
1980 Ann Trop Med and Parasitol 74 (3) June 283-287 Wa
kala azar, children, diagnosis, comparison of bone marrow culture, Ouchterlony double gel diffusion, immunoelectrophoresis, counter-current immunoelectrophoresis, and micro-ELISA: Iraq
- Immunity, Diagnosis
Rhodes MB; Staudinger LA; Hart RA
1981 Am J Vet Research 42 (5) May 868-870 Wa
Ascaris suum, pigs, detection of antibodies by indirect solid-phase microradioimmunoassay: Nebraska
- Immunity, Diagnosis
Ribeiro CD et al
1981 Nouv Presse Med 10 (17) Apr 18 1420-1421 Wm
Schistosoma mansoni, humans, nonspecific immunofluorescence of adult worms, role of anti-smooth muscle anti-bodies in differential diagnosis
- Immunity, Diagnosis
Rifaat MA et al
1975 Ain Shams Med J 26 (2) Mar 173-179 Wm
Schistosoma haematobium, human, immunodiagnosis, skin testing using Fasciola gigantica antigens isolated by salting out and by DEAE-cellulose column chromatography
- Immunity, Diagnosis
Rifaat MA; Nabila HM; Abdel Aal TM
1975 Ain Shams Med J 26 (4) July 491-493 Wm
Wuchereria bancrofti, evidence of antigenic substance in urine of patients with microfilaria, possible use in diagnosis of filariasis by intradermal test
- Immunity, Diagnosis
Robert R et al
1980 Rec Med Vet 156 (7-8) July-Aug 533-538 Wa
Fasciola hepatica, cattle, diagnosis by indirect hemagglutination, inhibition of indirect hemagglutination, and immunoenzymatic tests, specificity and sensitivity
- Immunity, Diagnosis
Robert R; Chabasse D; Hocquet P
1981 Biomedicine Express 35 (2) May 61-65 Wa
antitoxoplasma IgM detection by indirect immunofluorescence antibody test and passive hemagglutination tests, diagnostic errors can be avoided by using protein A of Staphylococcus aureus to eliminate IgG from serum being tested
- Immunity, Diagnosis
Robinson B et al
1980 South Med J 73 (4) Apr 516-518 Wm
Trypanosoma brucei gambiense, chronic infection, Nigerian student, diagnosed by computerized axial tomography and immunofluorescence: Oklahoma
- Immunity, Diagnosis
Robson J et al
1981 Trop Animal Health and Prod 13 (1) Feb 1-11 Wa
Theileria parva, T. mutans, cattle continually exposed to natural infection, parasitological and serological response, indirect fluorescent antibody test, T. parva cell culture schizont antigen more reliable and specific than piroplasm antigen: Uganda
- Immunity, Diagnosis
Roffi J et al
1980 Am J Trop Med and Hyg 29 (2) Mar 183-189 Wa
Leishmania tropica major, human, cutaneous leishmaniasis, diagnosis, enzyme-linked immunosorbent assay using homologous antigen, equally useful in diagnosing visceral (L. donovani infantum) and mucocutaneous (L. braziliensis and L. t. major) forms, cross reactions with sera from patients with Trypanosoma brucei gambiense, leprosy, and tuberculosis
- Immunity, Diagnosis
Roffi J et al
1980 Bull Soc Path Exot 73 (1) Jan-Feb 67-74 Wa
trypanosomiasis, humans, diagnosis, application of the ELISA technique with Trypanosoma brucei gambiense antigens and dried blood samples, possible use in epidemiological surveys
- Immunity, Diagnosis
Rotmans JP; Mooij GW
1980 Tr Roy Soc Trop Med and Hyg 74 (4) 463-468 Wa
Schistosoma mansoni, separation of adult worm antigen fractions, use in defined antigen substrate spheres system and enzyme-linked immunosorbent assay with serum from schistosomiasis patients, cross-reactivity with serum from patients with other helminth infections
- Immunity, Diagnosis
Ruiz-Castaneda M
1977 Arch Invest Med 8 (1) 1-4 Wm
T[oxoplasma] gondii, human sera, surface fixation, rapid and simple method for detection of antigen-antibody reactions, useful as a screening test as well as method of titration of positive sera
- Immunity, Diagnosis
Sakano T et al
1980 Arch Dis Childhood 55 (8) Aug 631-633 Wa
Trichuris vulpis causing visceral larva migrans in 2 young brothers, resulting high eosinophilia, diagnosed on basis of immunoelectrophoretic studies, thiabendazole therapy resulted in decreased eosinophilia and IgE levels: Japan

- Immunity, Diagnosis**
Salfelder A; Mannweiler E
1981 Tropenmed u Parasitol 32 (3) Sept 194-196
Wa
mucocutaneous leishmaniasis, malaria, Chagas' disease, amebiasis, patient sera examined with 5 antigens (*Leishmania donovani*, *Trypanosoma cruzi*, *Plasmodium falciparum*, *Entamoeba histolytica*) in indirect fluorescent antibody test, complement fixation test, indirect hemagglutination test, and latex agglutination test: Venezuela
- Immunity, Diagnosis**
Saliou P et al
1978 Bull Soc Path Exot 71 (2) Mar-Apr 181-188
Wa
sleeping sickness, human, epidemiological situation, evaluation of use of indirect immunofluorescence and capillary-tube passive hemagglutination: Bouafle, Cote-d'Ivoire
- Immunity, Diagnosis**
Salonen EM; Vaheri A
1981 J Immunol Methods 41 (1) Feb 27 95-103 Wm
rapid solid-phase enzyme immunoassay for antibodies to viruses and other microbes (including *Toxoplasma gondii*), effects of polyethylene glycol
- Immunity, Diagnosis**
Sampaio RNR et al
1980 An Brasil Dermat 55 (2) Apr-June 69-76 Wm
Leishmania, patients with American mucocutaneous infections, histological and immunological diagnosis, therapy: Sobradinho, Brasilia
- Immunity, Diagnosis**
Sanchez Franco A; Sanchez Acedo C; Albala Perez F
1977 Rev Iber Parasitol 37 (3-4) July-Dec 379-385 Wa
echinococcosis, human and ovine, diagnosis, procedure for antigen preparation using whole purified scolex for immunofluorescence test
- Immunity, Diagnosis**
de Savigny D; Voller A
1980 Internat J Nuclear Med and Biol 7 (2) 165-171 Wa
Toxocara canis, human, comparison of isotopic immunoassay vs. enzyme-immunoassay
- Immunity, Diagnosis**
de Savigny D; Voller A
1980 J Immunoassay 1 (1) 105-128 Wm
communication of ELISA data from laboratory to clinician, problems and possible solutions, *Toxocara canis* ELISA system used as model
- Immunity, Diagnosis**
Schiller EL; D'Antonio R; Figueroa Marroquin H
1980 Am J Trop Med and Hyg 29 (6) Nov 1215-1219
Wa
Onchocerca volvulus, human, diagnosis, intradermal reactivity of excretory and secretory products of *O. volvulus* and *O. gutturosa microfilariae*, some cross-reactivity in humans and dogs with other filarial infections but not in dogs with *Dirofilaria immitis*
- Immunity, Diagnosis**
Schimek PA; Perez WA; Carrera GM
1979 Ann Opth Chicago 11 (9) Sept 1387-1390
Wm
Toxocara causing visceral larva migrans in children, ophthalmic manifestations, diagnosis using ELISA serum antigen determination, thiabendazole therapy useful if the parasitic organism is still alive: Louisiana
- Immunity, Diagnosis**
Schmunis GA et al
1980 Am J Trop Med and Hyg 29 (2) Mar 170-178
Wa
Trypanosoma cruzi, children with recent infections, diagnosis, direct agglutination test with or without previous treatment of sera with 2-mercaptoethanol, comparison with indirect hemagglutination and indirect immunofluorescence tests
- Immunity, Diagnosis**
Schutte CHJ et al
1980 South African Med J 58 (2) July 12 71-75
Wm
Schistosoma haematobium, Black schoolchildren, diagnosis, sensitivity and specificity of indirect fluorescent antibody test vs. egg output quantitation in urine samples, single urine specimen seemed adequate unless the infection was weak
- Immunity, Diagnosis**
Scientific Working Group on the Immunology of Malaria
1981 Bull World Health Organ 59 (3) 371-381 Wa
Plasmodium spp., antigenic structure and related aspects of biology (production of monoclonal antibodies, cultivation techniques, antigen production for vaccine development and immunodiagnosis), review of current situation
- Immunity, Diagnosis**
Seawright GL; Sanders WM; Bryson M
1981 Advances Exper Med and Biol 137 145-168 Wa
automation of enzyme immunoassay for serodiagnosis of infectious diseases in livestock, review, includes information on detection of *T[richinella] spiralis* antibody in swine
- Immunity, Diagnosis**
Sells PG; Burton M
1981 Tr Roy Soc Trop Med and Hyg 75 (3) 461-468
Wa
Leishmania, identification of amastigotes and their antigens in formalin-fixed tissue by immunoperoxidase indirect sandwich method
- Immunity, Diagnosis**
Senet JM; Robert R
1979 Arch Med Ouest 11 (1) Jan 39-42 Wm
toxoplasmosis, diagnosis using the indirect hemagglutination test
- Immunity, Diagnosis**
Shamsuddin N; Chaicumpa W; Atthasishtha N
1980 Southeast Asian J Trop Med and Pub Health 11 (4) Dec 461-467 Wa
Brugia malayi-infected human sera, diagnosis, evaluation of passive hemagglutination test using adult *Dirofilaria immitis* antigen, preparation of antigen
- Immunity, Diagnosis**
Sharma P; Prasad BNK; Dutta GP
1978 Indian J Med Research 68 Sept 423-427 Wa
Entamoeba histolytica, human, diagnosis, presence of other intestinal parasites does not appreciably influence outcome of indirect hemagglutination test for amoebic coproantibodies when standard axenic *E. histolytica* antigen is used
- Immunity, Diagnosis**
Shivananda PG et al
1981 Indian J Med Research 73 Suppl Jan 107-110
Wa
hydatidosis, humans, diagnosis, leucocyte migration inhibition test appears more reliable and to have more prognostic significance than does Casoni's skin test

- Immunity, Diagnosis
Silayo RS; Gray AR; Luckins AG
1980 Trop Animal Health and Prod 12 (3) Aug 127-131 Wm
Trypanosoma brucei culture and bloodstream forms used as antigens for detection of bovine trypanosomiasis by micro enzyme-linked immunosorbent assays
- Immunity, Diagnosis
Singh DS et al
1980 J Ass Physicians India 28 (5-6) May-June 119-123 Wm
amoebiasis, humans, extraintestinal forms (most prevalent in males 20-40 years of age), clinical pathology, diagnosis using indirect haemagglutination and bentonite flocculation tests
- Immunity, Diagnosis
Singh M et al
1980 Am J Trop Med and Hyg 29 (4) July 548-552 Wm
Wuchereria bancrofti, Brugia malayi, human, immunodiagnosis, indirect hemagglutination technique using Breinlia booliati as antigen: Peninsular Malaysia
- Immunity, Diagnosis
Skromne-Kadlubik G et al
1980 Bol Med Hosp Inf Mexico 37 (3) May-June 409-412 Wm
Toxoplasma gondii, rats (exper.), diagnosis using indium-113 labelled antibodies; using antibodies labelled with iodine-131 these parasites were destroyed by radiolysis
- Immunity, Diagnosis
Skromne-Kadlubik G et al
1980 Bol Med Hosp Inf Mexico 37 (3) May-June 413-416 Wm
trichinosis, rats (exper.), diagnosis using labelled antibodies; using a lethal dose of labelled antibodies these trichina larvae were radiolysed without damage to host
- Immunity, Diagnosis
Skromne-Kadlubik G; Celis C
1981 Arch Neurol 38 (5) May 288 Wm
cysticercosis, human nervous system, diagnostic evaluation by scanning with anti-Cysticercus antibodies labelled with indium 113, these antibodies labelled with iodine 131 used for radioimmunotherapy with good results
- Immunity, Diagnosis
Skromne-Kadlubik G; Celis C; Perez A
1977 Ann Neurol 2 (4) Oct 343-344 Wm
cysticercosis of human central nervous system, diagnosis, specific radioimmunoscan
- Immunity, Diagnosis
Smith HV et al
1980 J Immunol Methods 37 (1) 47-55 Wm
Toxocara canis, human, paper radioimmunosorbent test for detection of larva-specific antibodies
- Immunity, Diagnosis
Sorice F et al
1977 Ann Sclavo 19 (3) May-June 484-489 Wm
Entamoeba histolytica, humans, sensitivity of enzyme-linked immunosorbent assay in diagnosis evaluated
- Immunity, Diagnosis
Sorice F et al
1979 Ann Sclavo 21 (6) Nov-Dec 800-815 Wm
Echinococcus granulosus, humans, diagnosis, radioallergosorbent (RAST) assay compared with ELISA, indirect haemagglutination, counter-immunoelectrophoresis, and with skin tests, findings suggest that RAST be used as adjunct to other test methods rather than be employed as the only diagnostic method
- Immunity, Diagnosis
Speiser F
1980 Schweiz Med Wchnschr 110 (11) Mar 15 404-407 Wm
E[ntamoeba] histolytica, human, diagnosis, comparison of enzyme linked immunosorbent assay with indirect immunofluorescence antibody test and counter-immunoelectrophoresis
- Immunity, Diagnosis
Speiser F
1980 Tropenmed u Parasitol 31 (4) Dec 459-466 Wm
filariasis, echinococcosis, human, serodiagnosis, enzyme-linked immunosorbent assay using Echinococcus granulosus hydatid fluid and Dipetalonema viteae as antigens, comparison with indirect fluorescent antibody test, indirect haemagglutination test, and counterimmunoelectrophoresis, ELISA was most sensitive but least specific method
- Immunity, Diagnosis
Spencer HC et al
1980 Am J Trop Med and Hyg 29 (2) Mar 179-182 Wm
Trypanosoma cruzi, human, serodiagnosis, evaluation of micro enzyme-linked immunosorbent assay, comparison with complement fixation and indirect fluorescent antibody tests
- Immunity, Diagnosis
Spencer HC et al
1981 Am J Trop Med and Hyg 30 (1 pt 1) Jan 63-68 Wm
Entamoeba histolytica, human, serologic and parasitologic studies to examine reliability of diagnosis and confirm estimates of morbidity and mortality: El Salvador
- Immunity, Diagnosis
Spencer HC et al
1981 Am J Trop Med and Hyg 30 (2) Mar 358-363 Wm
Brugia malayi- and B. pahangi-infected Meriones unguiculatus, antibody response to heterologous and homologous antigens as measured by enzyme-linked immunosorbent assay, effect of fractionation of B. malayi antigen on sensitivity and specificity of test
- Immunity, Diagnosis
Spencer HC et al
1981 Am J Trop Med and Hyg 30 (4) July 747-750 Wm
Plasmodium falciparum, human, enzyme-linked immunosorbent assay, indirect fluorescent antibody test, age distribution of serologic responses, results indicate neither test is appropriate as diagnostic aid but both would be useful in epidemiologic investigations; some patients had concurrent P. vivax infection: El Salvador, Central America

- Immunity, Diagnosis
Stagno S et al
1980 Pediatrics Am Acad Pediat 66 (1) July
56-62 Wa
Pneumocystis carinii pneumonia, immunocompetent infants, diagnosis by counterimmunoelectrophoresis or by open lung biopsy
- Immunity, Diagnosis
Stevens DL et al
1979 Am J Gastroenterol 72 (3) Sept 234-238 Wm
E[ntamoeba] histolytica, Caucasian male, case report, hepatic abscess, nonreactive to immunological tests preoperatively, motile hematophagous trophozoites seen microscopically in scrapings from wall of abscess, postoperative serologic tests were positive
- Immunity, Diagnosis
Stoeckli HR et al
1980 Fortschr Neurol 48 (6) June 303-313 Wm
Toxoplasma gondii, humans with various neurological infections, parasite identified in spinal fluid using indirect immunofluorescence and phase contrast microscopy
- Immunity, Diagnosis
Stoll L; Haase M; Fuhr R
1979 Arch Lebensmittel-Hyg 30 (6) Nov-Dec 208-214 Wa
Trichinella spiralis, mice and pigs, diagnosis, comparison of agar gel precipitation, direct precipitation, and indirect immunofluorescent antibody test
- Immunity, Diagnosis
Streiger ML; Bovero NM; del Valle Davila E
1980 Medicina Buenos Aires 40 Suppl (1) 250-251 Wm
T[rypanosoma] cruzi, humans, diagnosis, indirect immunofluorescence reaction, preservation of imprints
- Immunity, Diagnosis
Tabel H et al
1981 Tropenmed u Parasitol 32 (3) Sept 149-153 Wa
Trypanosoma vivax, T. congolense, cattle, serum levels of immunoglobulins, natural heterophile antibodies to chicken and sheep red blood cells, and complement-fixing antibodies to T. vivax, concluded that there was little evidence for polyclonal activation of lymphocytes and that decreased IgG₁ levels in T. congolense group might have been reflection of immunosuppression, complement fixation test proved to be sensitive tool for monitoring antibody response to T. vivax, analogous complement fixation test could not be set up with T. congolense
- Immunity, Diagnosis
Tadros W; Hazelhoff W; Laarman JJ
1979 Acta Leidensia 47 53-63 Wa
Sarcocystis spp., detection of circulating antibodies in human and bovine sera by enzyme-linked immunosorbent assay technique, comparison with indirect fluorescent antibody technique
- Immunity, Diagnosis
Tagawa M; Kurokawa K
1979 Bull Nippon Vet and Zotech Coll (28) 55-60 Wa
Dirofilaria immitis, dogs, diagnosis, comparison of hemagglutination and double diffusion using various antigens
- Immunity, Diagnosis
Takafuji ET et al
1980 Am J Trop Med and Hyg 29 (4) July 516-520 Wa
cutaneous leishmaniasis, occurrence in U.S. Army battalion deployed to Panama Canal Zone for jungle warfare training, medical surveillance program, aspiration cultures of greater value than punch biopsies in confirming early infection, indirect fluorescent antibody and direct agglutination tests useless as diagnostic screening methods in early stages
- Immunity, Diagnosis
Tamura T et al
1980 J Coll Dairying Nat Sc (18) 8 (2) Oct 249-256 Wa
Babesia gibsoni, dogs, indirect fluorescent antibody test as method for detecting antibody
- Immunity, Diagnosis
Tandon A
1981 Tr Roy Soc Trop Med and Hyg 75 (4) 574-575 Wa
Entamoeba histolytica, human, serodiagnosis, enzyme linked immunosorbent assay evaluated on patients with intestinal amoebiasis, amebic liver abscess, and non-specific hepatomegaly, comparison with indirect haemagglutination assay
- Immunity, Diagnosis
Tandon A et al
1981 Indian J Med Research 73 Suppl Jan 93-96 Wa
human bancroftian filariasis, immunodiagnosis, ELISA test using Litomosoides carinii and Setaria cervi as antigens, promising results
- Immunity, Diagnosis
Tapales FP et al
1981 Southeast Asian J Trop Med and Pub Health 12 (1) Mar 19-23 Wa
Schistosoma japonicum, humans, diagnosis, solid-phase radioimmunoassay using extracted egg antigen vs. circumoval precipitin test
- Immunity, Diagnosis
Tassi C et al
1981 Internat J Parasitol 11 (1) Feb 85-88 Wa
Echinococcus granulosus, human hydatid disease, diagnosis by indirect haemoagglutination reaction with various antigens from hydatid fluid and scoleces
- Immunity, Diagnosis
Taylor SM et al
1980 Zentralbl Vet Med Reihe B 27 (9-10) 764-772 Wa
Trichinella spiralis, guinea pigs (exper.), elimination of false positive reactions in micro-enzyme linked immunosorbent assay by antigen fractionation and technical improvements
- Immunity, Diagnosis
Tello P
1980 Bol Chileno Parasitol 35 (1-2) Jan-June 21-24 Wm
Toxoplasma gondii, diagnosis in pregnant women and their newborn infants using various immunological tests, treatment recommendations

- Immunity, Diagnosis**
Terpstra WJ et al
1980 Bull Soc Path Exot 73 (2) Mar-Apr 164-171
Wa
Schistosoma mansoni, S. haematobium, naturally infected humans vs. exper. infected golden hamsters, infection intensity and specific antibody response measured using the indirect fluorescent antibody technique, in general antibody titre reflected infection intensity
- Immunity, Diagnosis**
Terpstra WJ; Van Helden HPT; Eyakuze VM
1980 Bull Soc Path Exot 73 (1) Jan-Feb 74-85 Wa
Schistosoma mansoni, S. haematobium, humans, indirect fluorescent antibody test evaluated for seroepidemiological study (prevalence, age, sex, egg excretion), homologous vs. heterologous antigens: East Africa
- Immunity, Diagnosis**
Teuber J; Brehm H; Stumpf J
1979 Immun u Infekt 7 (6) Dec 213-221 Wm
Trichinella spiralis, human, brief review (of history, epidemiology, biology and transmission, immunology, different diagnostic methods); evaluation of modified indirect immunofluorescence test; lymphocyte transformation test, evidence for immunosuppressive effect produced by adult worms
- Immunity, Diagnosis**
Thoen CO et al
1980 J Clin Microbiol 11 (5) May 499-502 Wm
Anaplasma marginale, cattle, diagnosis, enzyme-linked immunosorbent assay, comparison with card test and complement fixation test
- Immunity, Diagnosis**
Thomas V; Chang Wing Chit
1980 Tr Roy Soc Trop Med and Hyg 74 (1) 73-76
Wa
Plasmodium falciparum, infant boy, congenital infection, case report, immunofluorescence showed specific IgG and IgM antibodies in maternal cord and 2 early neonatal sera, value of specific IgM antibody in diagnosing congenital infection: Malaysia
- Immunity, Diagnosis**
Thomas V; Fabiyi A; Adeniyi A
1981 J Trop Med and Hyg 84 (3) June 113-116 Wa
parasitic diseases in Nigerian children, usefulness of indirect fluorescent antibody technique, ELISA also used for Schistosoma mansoni
- Immunity, Diagnosis**
Thomas V; Ogunba EO; Fabiyi A
1978 African J Med and Med Sc 7 (2) June 107-112 Wm
parasitic infections, humans, application of immunodiagnostic tests discussed in relation to conditions operating in developing countries where diagnostic facilities are often limited, immunofluorescence antibody test identified as the test that could be used universally with success, review
- Immunity, Diagnosis**
Thomas V; Sinniah B; Leng YP
1981 Am J Trop Med and Hyg 30 (1 pt 1) Jan 57-62 Wa
Entamoeba histolytica, patients with different clinical forms, diagnosis, indirect immunofluorescent technique, sensitivity, specificity, and reproducibility
- Immunity, Diagnosis**
Tikasingh E et al
1980 Am J Trop Med and Hyg 29 (5 pt 1) Sept 715-719 Wa
Plasmodium malariae, human, outbreak probably due to renewal of transmission from recrudescence cases, serology used to help define epidemic (indirect fluorescent antibody test by age group using P. brasilianum, P. falciparum, and P. fieldi as antigens): Grenada
- Immunity, Diagnosis**
Todorov T et al
1979 Bull World Health Organ 57 (5) 735-740 Wa
echinococcosis, patients operated on for pulmonary infections, diagnostic value of 5 immunological tests compared
- Immunity, Diagnosis**
Todorov T et al
1979 Bull World Health Organ 57 (5) 741-750 Wa
pulmonary echinococcosis, humans, comparison of geometric mean titres of antibody response using 5 immunodiagnostic procedures and the role of certain factors in determining immunoreactivity
- Immunity, Diagnosis**
Tomlinson MJ et al
1981 Am J Vet Research 42 (8) Aug 1444-1446 Wa
Trypanosoma cruzi, dogs, serological survey using complement-fixation and direct-agglutination tests: southeastern United States
- Immunity, Diagnosis**
Tosswill JHC; Ridley DS; Warhurst DC
1980 J Clin Path 33 (1) Jan 33-35 Wa
Entamoeba histolytica, counter immunoelectrophoresis as rapid screening test for liver abscess
- Immunity, Diagnosis**
Tsang VCW; Tao Y; Maddison SE
1981 J Parasitol 67 (3) June 340-350 Wa
Schistosoma mansoni, urea-soluble egg antigens, systematic fractionation, evaluation of activities and cross-reactivities by single-tube kinetic-dependent enzyme-linked immunosorbent assay
- Immunity, Diagnosis**
Tzipori S; Campbell I
1981 J Clin Microbiol 14 (4) Oct 455-456 Wa
Cryptosporidium, antibodies detected by indirect immunofluorescence in over 80% of sera from 10 animal species including humans
- Immunity, Diagnosis**
Valkoun A et al
1980 Casop Lek Cesk 119 (29-30) July 25 800-803 Wm
Toxoplasma gondii, diagnosis, direct agglutination reaction, tissue culture antigens more sensitive than murine peritoneal exudate antigens
- Immunity, Diagnosis**
Vervoort T; Magnus E; Van Meirvenne N
1978 Ann Soc Belge Med Trop 58 (3) Sept 177-183
Wa
Trypanosoma brucei gambiense, humans, diagnosis, enzyme-linked immunosorbent assay using variable antigen type of T. b. brucei, no cross-reactions with other parasitic infections

- Immunity, Diagnosis
Visvesvara GS et al
1980 Ann Int Med 93 (6) Dec 802-805 Wa
Giardia lamblia, humans, diagnosis, indirect immunofluorescence test for antibodies is specific and reproducible, may be useful for epidemiological and immunological surveys
- Immunity, Diagnosis
Voller A
1980 Internat J Nuclear Med and Biol 7 (2) 157-163 Wa
use of immunofluorescence, enzyme-immunoassay, and radioimmunoassay in parasitic diseases with special reference to malaria, review
- Immunity, Diagnosis
Voller A et al
1980 Bull World Health Organ 58 (3) 429-438 Wa
Plasmodium falciparum, longitudinal study of 2 West African populations, antibody levels measured using the ELISA technique, values as reflected by population age, limitations of technique
- Immunity, Diagnosis
Vullo V et al
1979 Ann Sclavo 21 (1) Jan-Feb 83-87 Wm
echinococcosis, humans, serological diagnosis, indirect immunoperoxidase method more specific than immunofluorescence
- Immunity, Diagnosis
Vullo V et al
1979 Ric Clin e Lab 9 (2 suppl) 81-84 Wm
Entamoeba histolytica, humans, diagnosis, immunoperoxidase and indirect immunofluorescence tests
- Immunity, Diagnosis
Vullo V et al
1980 Trop and Geogr Med 32 (1) Mar 19-21 Wa
Schistosoma haematobium, humans, diagnosis, indirect immunoperoxidase test, comparison with indirect immunofluorescence test: Somalia
- Immunity, Diagnosis
Walden H; Manuwald O
1980 Ztschr Arztl Fortbild 74 (7) Apr 1 337-339 Wm
Toxoplasma gondii, humans, diagnostic survey using the indirect fluorescent antibody test: Suhl district
- Immunity, Diagnosis
Waller T et al
1980 Vet Immunol and Immunopath 1 (4) Dec 353-360 Wa
Encephalitozoon cuniculi, rabbits, immunological diagnosis from post-mortem specimens, india-ink immunoreaction applied to fluids and extracts from different organs
- Immunity, Diagnosis
Wattre P et al
1980 Nouv Presse Med 9 (5) Jan 26 305-309 Wm
Echinococcus granulosus, immunodiagnostic methods used to confirm classical clinical and radiological diagnostic data and to conduct post-therapeutic surveillances, high prevalence of infection in immigrant workers vs native population in France
- Immunity, Diagnosis
Wattre P et al
1980 Rev Prat Paris 30 (15) Mar 11 969-970 973-978 Wm
parasitic diseases, immunodiagnosis, review
- Immunity, Diagnosis
Weiland G et al
1980 Berl u Munchen Tierarztl Wchnschr 93 (14) July 15 261-264 Wa
Babesia divergens, cattle (nat. and exper.), diagnosis, indirect immunofluorescence, enzyme-linked immunosorbent assay, indirect haemagglutination, and intradermal tests using antigens of B. divergens and/or B. rodhaini
- Immunity, Diagnosis
Weiss N; Speiser F; Hussain R
1981 Acta Trop 38 (3) Sept 353-362 Wa
Onchocerca volvulus, human, detection of IgE antibodies with radioallergosorbent test using O. volvulus vs. Dipetalonema viteae as antigen, comparison with enzyme linked immunosorbent assay detecting IgG and IgM antibodies against same antigen preparations
- Immunity, Diagnosis
Welch JS; Dobson C
1981 Tr Roy Soc Trop Med and Hyg 75 (1) 5-14 Wa
parasitic diseases, immunodiagnosis, utility of in vitro lymphocyte proliferative responsiveness with particular reference to sensitivity and specificity using antigens purified by affinity chromatography, comparison with 3 immunofluorescence tests
- Immunity, Diagnosis
Welch JS; Dobson C; Campbell GR
1980 Tr Roy Soc Trop Med and Hyg 74 (5) 614-623 Wa
Angiostrongylus cantonensis, prevalence in rats in Queensland; immunodiagnosis, 3 immunofluorescence tests and in vitro lymphocyte blastogenesis, specificity and sensitivity in immunized rabbits and naturally infected rats, levels of responsiveness in 4 Australian populations in relation to prevalence in rats, use in clinical diagnosis in 5 human cases of eosinophilic meningitis
- Immunity, Diagnosis
Weller PF; Ottosen EA; Heckl J
1980 Am J Trop Med and Hyg 29 (5 pt 1) Sept 809-814 Wa
Wuchereria bancrofti, human, immediate and delayed hypersensitivity skin test responses to Dirofilaria immitis filarial skin test (Sawada) antigen, findings document limitations of this antigen preparation in immunodiagnosis of filariasis in residents of an endemic area: Mauke, Cook Islands
- Immunity, Diagnosis
Weltman JK; Senft AW
1981 Parasite Immunol 3 (2) Summer 157-163 Wa
schistosomiasis, human, analysis of allergy, immunoglobulin E, and diagnostic skin tests; mathematical model for mast cell degranulation
- Immunity, Diagnosis
Williamson JMW; Williams H; Sharman GAM
1980 Research Vet Sc 29 (1) July 36-40 Wa
Toxoplasma gondii, serological surveys of farmed Cervus elaphus, haemagglutination test and Sabin-Feldman dye test compared in experimentally infected deer: Scotland
- Immunity, Diagnosis
Wilson CB et al
1980 N England J Med 302 (14) Apr 3 785-788 Wa
Toxoplasma, human congenital infections, diagnosis, lymphocyte transformation, comparison with other methods

- Immunity, Diagnosis
Wolstenholme B; Fripp PJ
1981 Tr Roy Soc Trop Med and Hyg 75 (4) 614-615
Wa
schistosomiasis, human, diagnosis, microscopic slide preparation of *Schistosoma mansoni* cercariae for indirect fluorescent antibody test
- Immunity, Diagnosis
Yarzabal LA
1973 Rev Med Chile 101 (7) July 558-564 Wm
Echinococcus granulosus, humans, diagnosis, immunoelectrophoresis test specific and sensitive, agar gel diffusion technique recommended as a screening test
- Immunity, Diagnosis
Young ER; Purnell RE
1980 Vet Rec 108 [i e 106] (3) Jan 19 60-61 Wa
Babesia divergens, calves (exper.), dried blood spot and serum compared as source of antibody for micro-enzyme-linked immunosorbent assay test
- Immunity, Diagnosis
Zahner H et al
1981 Immun u Infekt 9 (1) Mar 33-39 Wm
enzyme-linked immunosorbent assay, simple method for mathematical calculation of results, *Echinococcus* in humans one of 3 systems tested
- Immunity, Diagnosis
Zapart W; Podlaski S; Deja M
1980 Ang Parasitol 21 (1) Feb 10-15 Wa
helminths, persons associated with mining, school-children, and non-miners, intradermal tests compared with coprological examinations, cross-reactions: Poland
- Immunity, Diagnosis
Zudaire Bergera JJ; et al
1980 Actas Urol Espan 4 (4) July-Aug 221-224 Wm
renal hydatidosis, humans, diagnosis, CAT scans, immunoelectrophoresis
- Immunity, Electrophoresis See Immunity, Precipitation
- Immunity, Enzyme labelling
Adorisio E; Medori MG; Zardi O
1980 Biochem and Exper Biol 16 (3) 315-316 Wa
toxoplasmosis, human, diagnosis, enzyme-linked immunosorbent assay
- Immunity, Enzyme labelling
Ambroise-Thomas P; Daveau C
1981 Ann Soc Belge Med Trop 61 (2) June 311-318
Wa
Onchocerca volvulus and other human filariasis, current immunological findings, emphasis on ELISA test in diagnosis of onchocerciasis, review, colloquium presentation
- Immunity, Enzyme labelling
Ambroise-Thomas P; Desgeorges PT
1980 Bull Soc Path Exot 73 (1) Jan-Feb 89-99 Wa
Echinococcus granulosus, human, diagnostic value and limitations of micro-ELISA, test results compared with those using indirect agglutination and immunofluorescence
- Immunity, Enzyme labelling
Ambroise-Thomas P; Desgeorges PT; Bouttaz M
1980 Ann Soc Belge Med Trop 60 (1) Mar 47-60 Wa
fascioliasis, human and bovine, diagnosis by means of the enzyme-linked immunosorbent assay, detection of circulating antigens and antibodies, results compared favorably with those of the immunofluorescence and indirect haemagglutination tests
- Immunity, Enzyme labelling
Anthony RL; Christensen HA; Johnson CM
1980 Am J Trop Med and Hyg 29 (2) Mar 190-194
Wa
New World leishmaniasis, human, serodiagnosis, micro enzyme-linked immunosorbent assay with *Leishmania braziliensis panamensis* promastigote antigens, comparison with indirect immunofluorescence, unidirectional cross-reactivity with sera from Chagas' disease patients
- Immunity, Enzyme labelling
Araujo FG; Handman E; Remington JS
1980 Infect and Immun 30 (1) Oct 12-16 Wa
Toxoplasma gondii, monoclonal antibodies can be used in enzyme-linked immunosorbent assay to detect parasite antigens in serum and other body fluids but polyvalent antibody appears to be more satisfactory for this purpose
- Immunity, Enzyme labelling
Araujo FG; Remington JS
1980 J Infect Dis 141 (2) Feb 144-150 Wa
Toxoplasma gondii, antigenemia in patients with recently acquired acute toxoplasmosis, detection by enzyme-linked immunosorbent assay
- Immunity, Enzyme labelling
Bahr G; Modabber FZ
1980 J Immunol Methods 38 (3-4) 205-216 Wm
simplified immunoenzyme antigen binding technique as approach for immunodiagnosis, used to detect immune response of rabbits injected with human hydatid fluid
- Immunity, Enzyme labelling
Baldelli B et al
1978 Parassitologia 20 (1-3) Dec 91-99 Wa
Leishmania donovani, human, diagnosis, enzyme-linked immunosorbent assay
- Immunity, Enzyme labelling
Balsari A et al
1980 J Clin Path 33 (7) July 640-643 Wa
Toxoplasma gondii, enzyme-linked immunosorbent assay for antibody detection, comparison with other serodiagnostic tests
- Immunity, Enzyme labelling
Bennett BD; Bailey J; Gardner WA jr
1980 Arch Path and Lab Med 104 (5) May 247-249
Wa
Trichomonas vaginalis, diagnosis in smears and in paraffin-embedded tissue sections using modified immunoperoxidase techniques

- Immunity, Enzyme labelling
Bernard S; Haase M; Guidot G
1980 Berl u Munchen Tierarztl Wchnschr 93 (24)
Dec 15 482-485 Wa
trypanosomiasis, trypanotolerant and trypano-
sensitive cattle breeds, antibody survey using
enzyme linked immunosorbent assay and indirect
immunofluorescence, high percentage of serolog-
ically positive cattle does not correlate with
results obtained by direct isolation of trypano-
somes; ability of trypanotolerant breeds to
limit number of parasites in blood stream can-
not be correlated with the concentration of
antibodies and must involve another unknown
immune mechanism: Upper Volta
- Immunity, Enzyme labelling
Bidwell DE; Voller A
1981 Brit Med J (6278) 282 May 30 1747-1748 Wa
Plasmodium falciparum, diagnosis, enzyme-linked
immunosorbent assays tested in infected and un-
infected monkeys, method useful but less sensi-
tive than conventional blood-film examination
- Immunity, Enzyme labelling
Boid R et al
1981 Trop Animal Health and Prod 13 (3) Aug
141-146 Wa
Trypanosoma evansi, goats, sheep, and camels
examined with 3 parasitological tests and en-
zyme immunoassay, trypanosomes found only from
camels, antibodies found in all 3 host species,
possible epidemiological significance in rela-
tion to camel trypanosomiasis: Eastern Sudan
- Immunity, Enzyme labelling
Bos HJ et al
1980 Am J Trop Med and Hyg 29 (3) May 358-363
Wa
Entamoeba histolytica in 9 populations, sero-
epidemiology, enzyme-linked immunosorbent as-
say, precipitin tests, age distribution: Suri-
nam, South America
- Immunity, Enzyme labelling
Cabrera MA; Suazo AT
1980 Bol Med Hosp Inf Mexico 37 (2) Mar-Apr
195-201 Wm
Toxocara canis, Ascaris, children, diagnosis of
visceral larva migrans, immunological tests
compared with other methods
- Immunity, Enzyme labelling
Cailliez M et al
1979 Nouv Presse Med 8 (7) Feb 10 522-523 Wm
human African trypanosomiasis, immunoenzymolo-
gical diagnostic tests vs. indirect immuno-
fluorescence
- Immunity, Enzyme labelling
Carrier Y et al
1980 Bull World Health Organ 58 (1) 99-105 Wa
Toxoplasma gondii, humans, diagnosis, evalua-
tion of the enzyme-linked immunosorbent assay
and other serological tests, techniques and
sera evaluated in 3 different laboratories
- Immunity, Enzyme labelling
Carrier Y; Bout D; Capron A
1979 J Immunol Methods 31 (3-4) Dec 27 237-246
Wm
automation of enzyme-linked immunosorbent as-
say, application to toxoplasmosis serodiagnosis
- Immunity, Enzyme labelling
Carroll SM; Karthigasu KT; Grove DI
1981 Tr Roy Soc Trop Med and Hyg 75 (5) 706-709
Wa
Strongyloides stercoralis, human, serodiagno-
sis, enzyme-linked immunosorbent assay with S.
ratti antigen, comparison with indirect immuno-
fluorescent assay
- Immunity, Enzyme labelling
Centurier C; Weiland G; Seubert S
1981 Berl u Munchen Tierarztl Wchnschr 94 (11-
12) June 1 238-241 Wa
Ornithodoros moubata, immunized and non-immu-
nized rabbits, no differences in weight gain
and weights of replete ticks, course of drop
off, and drop off and moulting rate; reaginic
antibodies to soluble salivary gland antigen
not demonstrable by passive cutaneous anaphy-
laxis test; intensive antibody formation oc-
curred in immunized and non-immunized rabbits,
enzyme-linked immunosorbent assay; no immunity
to 2nd nymphal instars developed
- Immunity, Enzyme labelling
Cox JC; Horsburgh R; Pye D
1981 Lab Animals 15 (1) Jan 41-43 Wa
Encephalitozoon cuniculi, rabbits, serodiagno-
sis, enzyme immunoassay, comparison with in-
direct immunofluorescence test
- Immunity, Enzyme labelling
Craig PS et al
1980 Austral J Exper Biol and Med Sc 58 (4)
Aug 339-350 Wa
larval taeniid cestode infections, sheep,
attempts to produce hybridoma-based immuno-
diagnostic reagents
- Immunity, Enzyme labelling
Craig PS et al
1981 Parasitology 83 (2) Oct 303-317 Wa
Echinococcus granulosus, sheep, murine hybrid-
oma-derived antibodies in processing of anti-
gens for immunodiagnosis
- Immunity, Enzyme labelling
Craig PS; Rickard MD
1980 Ztschr Parasitenk 61 (3) 287-297 Wa
Taenia saginata, use of 'crude' antigen in
micro-enzyme-linked immunosorbent assay for
diagnosis of T. saginata cysticercosis in
cattle (nat. and exper.), cross-reactions
with sera from cattle harbouring other common
parasites particularly Fasciola hepatica
- Immunity, Enzyme labelling
Craig PS; Rickard MD
1981 Internat J Parasitol 11 (6) Dec 441-449
Wa
larval cestode infections of cattle and sheep,
attempt at specific immunodiagnosis using anti-
gens purified by affinity chromatography in
enzyme-linked immunosorbent assay
- Immunity, Enzyme labelling
Damian RT et al
1981 Am J Trop Med and Hyg 30 (4) July 836-843
Wa
Schistosoma mansoni, multiply-infected Papio
cynocephalus, antibody responses, immunoglo-
bulin classes (enzyme-linked immunosorbent
assay, slide flocculation, circumoval pre-
cipitation, passive cutaneous anaphylaxis,
and opsonization tests), immediate hypersen-
sitivity responses (cercarial dermatitis,
direct skin testing with adult worm antigen)

- Immunity, Enzyme labelling
Deelder AM
1979 Acta Leidensia 47 65-70 Wa
Schistosoma mansoni, isolation of egg antigen and its application in enzyme-linked immunosorbent assay
- Immunity, Enzyme labelling
Deelder AM et al
1980 Am J Trop Med and Hyg 29 (3) May 401-410 Wa
Schistosoma mansoni, children vs. adults, applicability of 7 different antigen preparations in enzyme-linked immunosorbent assay: Surinam
- Immunity, Enzyme labelling
Deelder AM et al
1980 J Immunol Methods 36 (3-4) 269-283 Wm
Schistosoma mansoni, immunodiagnosis, automated measurement of immunogalactosidase reactions with fluorogenic substrate by aperture defined microvolume measurement method
- Immunity, Enzyme labelling
Deelder AM; Kornelis D
1980 Ztschr Parasitenk 64 (1) 65-75 Wa
Schistosoma mansoni, immunofluorescent antibody reaction and enzyme-linked immunosorbent assay compared for demonstration of antibodies against schistosome gut-associated polysaccharide antigens
- Immunity, Enzyme labelling
Deelder AM; Kornelis D
1981 Trop and Geogr Med 33 (1) Mar 36-41 Wa
Schistosoma mansoni, humans, immunodiagnosis of recently acquired infection, comparison of various immunological techniques
- Immunity, Enzyme labelling
Demaree RS jr; Hillyer GV
1981 Am J Trop Med and Hyg 30 (2) Mar 402-405 Wa
Schistosoma mansoni, immunoperoxidase localization by electron microscopy of soluble egg antigen and human IgG in circumoval precipitin reactions around eggs
- Immunity, Enzyme labelling
Derouin F et al
1980 Path Biol 28 (7) Sept 465-468 Wa
schistosomiasis, human, enzyme-linked immunosorbent assay using Schistosoma mansoni antigens, false positive reactions with certain other parasitic and non-parasitic diseases, comparison with immunofluorescence and immunoenzymology done on adult sections
- Immunity, Enzyme labelling
Desgeorges PT et al
1980 Ann Biol Clin 38 (6) 361-363 Wm
Toxoplasma gondii, fractionation and study of exo-antigens using electrophoresis in gradient of polyacrylamide gel combined with Elisa test (modified Gedelisa test)
- Immunity, Enzyme labelling
Dissanayake S; Ismail MM
1980 Bull World Health Organ 58 (4) 649-654 Wa
Setaria digitata antigens, characterization, cross-reaction with surface antigens of Wuchereria bancrofti microfilariae and serum antibodies of W. bancrofti-infected subjects demonstrated with inhibition of indirect immunofluorescence and enzyme-linked immunosorbent assay technique respectively
- Immunity, Enzyme labelling
Dissanayake S; Ismail MM
1980 Bull World Health Organ 58 (4) 655-657 Wa
Wuchereria bancrofti infection in man, diagnosis using enzyme-linked immunosorbent assay with Setaria digitata as antigen, immune sera from cattle infected with S. digitata can be used to selectively block cross reactions with serum antibodies in subjects who show no evidence of W. bancrofti infection
- Immunity, Enzyme labelling
Dissanayake S; de Silva LVK; Ismail MM
1980 Tr Roy Soc Trop Med and Hyg 74 (4) 542-544 Wa
Wuchereria bancrofti, human, antifilarial antibody in maternal and umbilical cord blood determined by indirect immunofluorescence, enzyme-linked immunosorbent assay, and radioimmunoassay, antibodies were predominantly of IgG type presumably passively transferred from mother, specific IgM antibody detected in some cord blood samples probably in response to transplacental transfer of filarial antigens: Sri Lanka
- Immunity, Enzyme labelling
Dottorini S; Tassi C; Baldelli F
1981 Boll Ist Sieroterap Milanese 60 (2) May 31 137-143 Wa
hydatid disease, human, diagnosis, enzyme-linked immunosorbent assay compared to indirect hemoagglutination reaction
- Immunity, Enzyme labelling
Duermeyer W et al
1980 J Clin Microbiol 12 (6) Dec 805-806 Wa
Toxoplasma gondii, enzyme-linked immunosorbent assay for detection of IgM antibodies
- Immunity, Enzyme labelling
Farrell CJ et al
1981 Am J Vet Research 42 (2) Feb 237-240 Wa
Fasciola hepatica, cattle, diagnosis, enzyme-linked immunosorbent assay, 4 antigen preparations tested
- Immunity, Enzyme labelling
Felgner P et al
1981 Tropenmed u Parasitol 32 (3) Sept 134-140 Wa
Trypanosoma brucei gambiense, human, prevalence by age and sex, parasitological examination (hematocrit centrifugation technique, subinoculation into Mastomys natalensis, miniature anion exchange centrifugation method), immunodiagnostic examination (enzyme-linked immunosorbent assay, indirect immunofluorescent test, radial immunodiffusion for IgM concentrations): Ivory Coast; Upper Volta
- Immunity, Enzyme labelling
Ferrucci M
1980 Quad Sclavo Diag Clin e Lab 16 (2) June 176-192 Wm
toxoplasmosis, humans, comparative review of currently used diagnostic tests
- Immunity, Enzyme labelling
Franco EL; Walls KW; Sulzer AJ
1981 J Clin Microbiol 13 (5) May 859-864 Wa
Toxoplasma gondii, human, serodiagnosis, reverse enzyme immunoassay for detection of specific IgM antibodies

Immunity, Enzyme labelling

Fuchs AP et al
1980 Rev Inst Med Trop S Paulo 22 (5) Sept-Oct
242-245 Wm
[Trypanosoma] cruzi, Chagas disease patients,
serological diagnostic test results compared
(indirect immunofluorescence, indirect hemag-
glutination, complement fixation, ELISA) with
clinical findings

Immunity, Enzyme labelling

Galant SP et al
1980 South Med J 73 (4) Apr 435-437 Wm
Toxocara canis, diagnostic considerations,
especially in children with eosinophilia, pica,
and pet dogs, suggested immunoserological tests

Immunity, Enzyme labelling

Gallie GJ; Sewell MMH
1981 Trop Animal Health and Prod 13 (3) Aug
147-154 Wa
Taenia saginata, calves, immunity to oral
challenge following intramuscular inoculation
with oncospheres, migration of parasites from
inoculation sites; parenteral inoculation of
calves by different routes and intramuscular
inoculation of (previously orally infected or
uninfected) adult cattle also studied; enzyme-
linked immunosorbent assay more sensitive in
detecting antibodies in infected calves than
indirect haemagglutination test

Immunity, Enzyme labelling

Geerts S et al
1981 Research Vet Sc 30 (3) May 288-293 Wa
Taenia saginata cysticercosis, cattle (nat. and
exper.), serodiagnosis, enzyme linked immuno-
sorbent assay using T. crassiceps metacestode
antigen, sensitivity and specificity

Immunity, Enzyme labelling

Geerts S et al
1981 Vet Parasitol 8 (4) Sept 299-307 Wa
Taenia saginata cysticercosis in cattle (nat.
and exper.), diagnosis, comparative evaluation
of immunoelectrophoresis, counterimmunoelectro-
phoresis, and enzyme linked immunosorbent assay
(T. saginata used as antigen for first 2, T.
crassiceps for ELISA), also tested against sera
of cattle and sheep with other helminth infec-
tions, some cross-reactions, none of 3 tests
sufficiently reliable to make diagnosis on in-
dividual basis, may be useful for diagnosis on
herd basis

Immunity, Enzyme labelling

Ghose AC et al
1980 Clin and Exper Immunol 40 (2) May 318-326
Wa
Leishmania donovani, 49 active kala-azar
patients, IgA, IgG, IgM, and C3 levels, anti-
leishmanial titres in indirect haemagglutina-
tion method, IgG and IgM class-specific anti-
body titres in enzyme-linked immunosorbent
assay method, serodiagnostic potential of ELISA

Immunity, Enzyme labelling

Gittelman HJ et al
1981 J Clin Microbiol 13 (2) Feb 309-312 Wa
Dirofilaria immitis, dogs, serodiagnosis,
quantitative automated fluorescent immunoassay
technique compared with manual semi-
quantitative enzyme-linked immunosorbent assay

Immunity, Enzyme labelling

Glickman LT; Dubey JP; Winslow LJ
1981 Parasitology 82 (3) June 383-387 Wa
Toxocara canis, ascarid-free dogs fed 100 or
10,000 eggs, serological response, enzyme-
linked immunosorbent assay is sensitive and
specific

Immunity, Enzyme labelling

Gomez Garcia V; Rodriguez Osorio M; Gonzalez
Castro J
1979 Rev Iber Parasitol 39 (1-4) Jan-Dec 55-63
Wa
Trichinella spiralis, micro-ELISA test for
detection of antigens in sera of rats (exper.),
optimal experimental conditions established

Immunity, Enzyme labelling

Gray MA et al
1980 Research Vet Sc 29 (3) Nov 360-366 Wa
Theileria parva, T. annulata, cattle, serodiag-
nosis, enzyme linked immunosorbent assay, com-
parison with indirect fluorescent antibody
test, significant cross-reaction in ELISA with
sera from calf infected with Babesia bigemina
but not from animals infected with other Babes-
ia spp. or Theileria spp.

Immunity, Enzyme labelling

Grelck H; Hoerchner F; Unterholzner J
1981 Ztschr Parasitenk 65 (3) 277-282 Wa
Ascaris suum, Toxocara canis, pigs (exper.),
serological differentiation of nematodes using
enzyme-linked immunosorbent assay

Immunity, Enzyme labelling

Grieve RB et al
1981 Am J Vet Research 42 (1) Jan 66-69 Wa
Dirofilaria immitis, dogs (exper.), enzyme-
linked immunosorbent assay for measurement
of antibody responses

Immunity, Enzyme labelling

Guimaraes MCS et al
1981 Am J Trop Med and Hyg 30 (5) Sept 942-947
Wa
mucocutaneous leishmaniasis, kala-azar, and
Chagas' disease sera tested in ELISA and im-
munofluorescence tests with Trypanosoma cruzi,
Leishmania donovani, and L. braziliensis an-
tigens, antigen obtained from live T. cruzi
epimastigotes appears to be usable to distin-
guish between antibodies to T. cruzi and to
Leishmania

Immunity, Enzyme labelling

Hackett F et al
1981 Vet Parasitol 8 (2) May 137-142 Wa
Taenia hydatigena, diagnosis of metacestode
infections in lambs, micro ELISA (T. hydati-
gena cyst fluid antigen) and indirect haemag-
glutination (T. hydatigena and T. multiceps
cyst fluid antigens) tests

Immunity, Enzyme labelling

Haldar JP; Saha KC; Ghose AC
1981 Tr Roy Soc Trop Med and Hyg 75 (4) 514-517
Wa
Leishmania donovani, human, post kala-azar
dermal leishmaniasis, serum immunoglobulin and
C3 levels, specific antibody titres in indi-
rect haemagglutination and enzyme-linked immuno-
sorbent assay methods, overall difference com-
pared to serological profile of kala-azar pa-
tients: India

- Immunity, Enzyme labelling
Hamilton RG et al
1981 J Immunol Methods 44 (1) July 17 101-114
Wm
filariasis patients from endemic *Wuchereria bancrofti* areas, quantitation of filaria-specific IgG and IgE in sera, evaluation of solid-phase radioimmunoassay and enzyme-linked immunosorbent assay methodology using *Brugia malayi* as antigen
- Immunity, Enzyme labelling
Haroun EM; Hammond JA; Sewell MMH
1980 Research Vet Sc 28 (3) May 377-379 Wa
Fasciola hepatica, immature and mature infections stimulating resistance in rats but not rabbits, host differences (flake numbers following challenge, peripheral eosinophil counts, serum glutamic dehydrogenase levels, response to enzyme-linked immunosorbent assays)
- Immunity, Enzyme labelling
Harrison LJS; Sewell MMH
1981 Research Vet Sc 31 (1) July 62-64 Wa
Taenia saginata, cattle, comparison of *T. saginata* proglottid extract, *T. saginata* metacystode excretory/secretory products, and *T. crassiceps* metacystode extract for use as serodiagnostic antigens in enzyme linked immunosorbent assay; cross-reaction of *T. saginata* proglottid extract with sera from *Ostertagia ostertagi* infected cattle: Britain
- Immunity, Enzyme labelling
Harrison LJS; Sewell MMH
1981 Vet Immunol and Immunopath 2 (1) Feb 67-73
Wa
Taenia saginata, 3-12 month old calves and neonatal calves (exper.), serological response, comparison of enzyme linked immunosorbent assay and indirect haemagglutination technique
- Immunity, Enzyme labelling
Hartmann DP; Ghadirian E; Meerovitch, E
1980 J Parasitol 66 (2) Apr 344-345 Wa
Entamoeba histolytica, hamsters, experimental hepatic amebiasis, serodiagnosis, comparison of enzyme-linked immunosorbent assay and indirect hemagglutination
- Immunity, Enzyme labelling
Hillyer GV et al
1980 Am J Trop Med and Hyg 29 (6)
Nov 1254-1257 Wa
Schistosoma haematobium, *S. mansoni*, humans, single or mixed infections, immunodiagnosis, comparison of circumoval precipitin test, Ouchterlony immunodiffusion, and enzyme-linked immunosorbent assay: Egypt
- Immunity, Enzyme labelling
Hillyer GV; Kagan IG
1979 Bol Asoc Med Puerto Rico 71 (10) Oct 366-377 Wm
new advances in immunodiagnosis of parasitic infections, enzyme-linked immunosorbent assay
- Immunity, Enzyme labelling
Hillyer GV; Rossy M
1980 Am J Trop Med and Hyg 29 (3) May 411-415
Wa
Schistosoma mansoni, mice, antibodies to DNA detected by enzyme-linked immunosorbent assay, suggestion that immune complexes are present in circulation by 9 and 11 weeks of infection
- Immunity, Enzyme labelling
Hillyer GV; Sagramoso de Ateca L
1980 Am J Trop Med and Hyg 29 (4) July 598-601
Wa
Schistosoma mansoni or *Fasciola hepatica* in mice, antibody responses to antigen preparations from both species, Ouchterlony immunodiffusion, circumoval precipitin test, enzyme-linked immunosorbent assay, indirect hemagglutination
- Immunity, Enzyme labelling
Moerchner F; Bofenschen F; Zander B
1979 Tropenmed u Parasitol 30 (3) Sept 265-273
Wa
Trypanosoma b. brucei, *T. congolense*, *T. vivax*, serological differentiation, immunoperoxidase, immunofluorescence, immunoperoxidase-complement fixation, and immunofluorescence-complement fixation tests compared
- Immunity, Enzyme labelling
Iacona A; Pini C; Vicari G
1980 Am J Trop Med and Hyg 29 (1) Jan 95-102 Wa
human hydatid disease, serodiagnosis, evaluation of enzyme-linked immunosorbent assay, comparison with indirect hemagglutination, double diffusion, and immunoelectrophoresis
- Immunity, Enzyme labelling
Ismail MM; James C; Webbe G
1981 Tr Roy Soc Trop Med and Hyg 75 (4) 542-548
Wa
Schistosoma haematobium-infected *Papio anubis* (exper.), enzyme linked immunosorbent assay for detection of circulating antigen and antibody and for evaluating efficacy of schistocides
- Immunity, Enzyme labelling
Janitschke K et al
1981 J Trop Med and Hyg 84 (4) Aug 147-154 Wa
schistosomiasis, humans, diagnosis, evaluation of the ELISA test as an epidemiological tool, comparisons with parasitological findings and other immunodiagnostic tests, test correlations using a Multiscan photometer, recommended for epidemiological surveys
- Immunity, Enzyme labelling
Kaliraj P; Ghirnikar SN; Harinath BC
1981 Tr Roy Soc Trop Med and Hyg 75 (1) 119-120
Wa
Wuchereria bancrofti, human, micro enzyme linked immunosorbent assay
- Immunity, Enzyme labelling
Kaliraj P; Ghirnikar SN; Harinath BC
1981 Am J Trop Med and Hyg 30 (5) Sept 982-987
Wa
Wuchereria bancrofti, human, immunodiagnosis, comparative efficiency of indirect hemagglutination test, indirect fluorescent antibody test, and enzyme-linked immunosorbent assay done with *W. bancrofti* microfilarial antigens
- Immunity, Enzyme labelling
Keus A; Kloosterman A; van den Brink R
1981 Vet Parasitol 8 (3) July 229-236 Wa
Cooperia spp., *Ostertagia* spp., calves, detection of antibodies with enzyme linked immunosorbent assay, some degree of genus specificity when using L4 or adult antigens but not L3 antigens, stage-specificity observed for *Cooperia* L4 antigen for limited period after primary single infection

- Immunity, Enzyme labelling
van Knapen F et al
1980 Vet Parasitol 7 (2) Sept 109-121 Wa
Trichinella spiralis, pigs (exper.), detection of infections, comparison of enzyme-linked immunosorbent assay with trichinoscopy, digestion method, and immunofluorescence technique
- Immunity, Enzyme labelling
Knoblock J; Funke M; Bienzle U
1980 Tropenmed u Parasitol 31 (4) Dec 414-416 Wa
Entamoeba histolytica, human, autochthonous liver abscess, case report, immunological confirmation using enzyme-linked immunosorbent assay: Hamburg, West Germany
- Immunity, Enzyme labelling
Leaute JB; Hanna SM
1980 Ann Biol Clin 38 (3) 175-178 Wm
toxoplasmosis, human sera, diagnosis, enzyme-linked immunosorbent assay compared with other immunologic diagnostic tests
- Immunity, Enzyme labelling
Leggiadro RJ et al
1981 J Infect Dis 144 (5) Nov 484 Wa
Pneumocystis carinii antigen measured by enzyme immunoassay, sensitive system useful for diagnostic purposes and for testing food, water, and soil samples in epidemiologic investigation
- Immunity, Enzyme labelling
Lehner RP; Sewell MMH
1980 Parasite Immunol 2 (2) Summer 99-109 Wa
Fasciola hepatica, antigens produced by adult flukes maintained in vitro, reactions using sera from infected animals in immunodiffusion and enzyme linked immunosorbent assay
- Immunity, Enzyme labelling
Levine DM; Hillyer GV; Flores SI
1980 Am J Trop Med and Hyg 29 (4) July 602-608 Wa
Fasciola hepatica, mice and rabbits given and not given chemotherapy, diagnosis, comparison of counterelectrophoresis (CEP), enzyme-linked immunosorbent assay (ELISA), and Kato thick-smear stool examinations, ELISA was most sensitive in detecting early infection but CEP was best indicator of chemotherapeutic success
- Immunity, Enzyme labelling
Lin TM et al
1981 J Clin Microbiol 13 (4) Apr 646-651 Wa
Entamoeba histolytica, human, simple standardized enzyme-linked immunosorbent assay, high degree of correlation with agar gel diffusion, counterelectrophoresis, and indirect hemagglutination methods as well as with clinical data
- Immunity, Enzyme labelling
Lin TM; Halbert SP; O'Connor GR
1980 J Clin Microbiol 41 (6) June 675-681 Wa
Toxoplasma gondii, human, standardized quantitative enzyme-linked immunosorbent assay for detection of antibodies, comparison with dye test, indirect immunofluorescence test, and passive hemagglutination test
- Immunity, Enzyme labelling
Long EG et al
1981 Tr Roy Soc Trop Med and Hyg 75 (3) 365-371 Wa
Schistosoma mansoni, human, diagnosis, comparison of sensitivity and specificity of ELISA, radioimmunoassay, and stool examination (Bell filtration technique, Kato thick smear), host age effects: St. Lucia, West Indies
- Immunity, Enzyme labelling
Long EG; Lawrence MC; Augustine T
1981 Tr Roy Soc Trop Med and Hyg 75 (5) 740-741 Wa
Schistosoma mansoni, human, persistence of seropositivity by ELISA in blood spots on filter paper strips
- Immunity, Enzyme labelling
van Loon A; van der Veen J
1980 J Clin Path 33 (7) July 635-639 Wa
Toxoplasma gondii, enzyme-linked immunosorbent assay for quantitation of antibodies in human sera, sensitivity compared with immunofluorescence and complement fixation
- Immunity, Enzyme labelling
Lunde MN; Ottesen EA
1980 Am J Trop Med and Hyg 29 (1) Jan 82-85 Wa
Schistosoma mansoni, humans, acute or chronic infections, enzyme-linked immunosorbent assay used to detect IgG, IgM, and IgE antibodies
- Immunity, Enzyme labelling
Luxenberg MN
1979 Tr Am Ophth Soc 77 542-602 Wm
Toxocara canis, exper. infection in Aotus trivirgatus, clinical manifestations with emphasis on eye infections, various diagnostic tests, evaluation of systemic and intraocular responses with various laboratory and serological tests including the ELISA test, literature review
- Immunity, Enzyme labelling
McLaren ML et al
1979 Tr Roy Soc Trop Med and Hyg 73 (6) 636-639 Wa
Schistosoma mansoni, humans, serodiagnosis, enzyme linked immunosorbent assay: St. Lucia
- Immunity, Enzyme labelling
McLaren ML et al
1981 Tr Roy Soc Trop Med and Hyg 75 (1) 72-79 Wa
Schistosoma mansoni, human, serodiagnosis, enzyme-linked immunosorbent assay, enhanced sensitivity and specificity using fraction containing S. mansoni egg antigens ω^1 and α^1 (specificity of 100% with respect to non-schistosome infections and cases of avian cercarial dermatitis, 70% and 94% specificity with respect to S. japonicum and S. haematobium infections respectively)
- Immunity, Enzyme labelling
Mas Bakal P; in't Veld N
1979 Acta Leidensia 47 37-44 Wa
Toxoplasma (RH and Burk strains), mice (exper.), suspected toxoplasmosis in patients, value of circulating antigen, antibody, and parasitaemia in distinguishing acute, latent, and superinfections, enzyme-linked immunosorbent assay, Sabin Feldman dye test

- Immunity, Enzyme labelling
Michael AI et al
1979 Tropenmed u Parasitol 30 (4) Dec 423-425
Wa
Schistosoma mansoni, S. haematobium, human, single and mixed infections, diagnosis, immunoperoxidase histochemistry, comparison with ELISA
- Immunity, Enzyme labelling
Milatovic D; Braveny I
1980 J Clin Path 33 (9) Sept 841-844 Wa
Toxoplasma gondii, diagnosis, enzyme-linked immunosorbent assay (ELISA) vs. dye test and indirect haemagglutination test, ELISA offers no clear advantage in routine serological diagnosis but would be useful in population screening if method were standardised
- Immunity, Enzyme labelling
Mineo JR; Camargo ME; Ferreira AW
1980 Infect and Immun 27 (2) Feb 283-287 Wa
Toxoplasma gondii, human, enzyme-linked immunosorbent assay (ELISA) for antibodies to toxoplasma polysaccharide fraction, comparison with ELISA using toxoplasma total protein extract as antigen
- Immunity, Enzyme labelling
Naot Y; Barnett EV; Remington JS
1981 J Clin Microbiol 14 (1) July 73-78 Wm
Toxoplasma gondii, human, diagnosis, method for avoiding false-positive results occurring in IgM enzyme-linked immunosorbent assays due to presence of both rheumatoid factor and antinuclear antibodies
- Immunity, Enzyme labelling
Naot Y; Desmonts G; Remington JS
1981 J Pediat St. Louis 98 (1) Jan 32-36 Wa
Toxoplasma gondii, infants with congenital infection, diagnosis, IgM enzyme-linked immunosorbent assay test is highly sensitive and specific
- Immunity, Enzyme labelling
Naot Y; Remington JS
1980 J Infect Dis 142 (5) Nov 757-766 Wa
Toxoplasma gondii, humans, enzyme-linked immunosorbent assay for detection of IgM antibodies, more sensitive than Sabin-Feldman dye test or IgM-immunofluorescence antibody test
- Immunity, Enzyme labelling
Naot Y; Remington JS
1981 J Immunol Methods 43 (3) June 30 333-341 Wm
Toxoplasma gondii, use of enzyme-linked immunosorbent assays (IgM and IgG sandwich ELISA and IgM and IgG double sandwich ELISA) for detection of monoclonal antibodies to various T. gondii antigens
- Immunity, Enzyme labelling
Nash TE; Lunde MN; Cheever AW
1981 J Immunol 126 (2) Feb 805-810 Wm
Schistosoma mansoni, analysis and antigenic activity of carbohydrate fraction derived from adult worms, ELISA, radioimmunoassay, relationship of antibody response to length and intensity of infection
- Immunity, Enzyme labelling
Nemec R; Catar G
1981 Bratisl Lekar Listy 76 (2) Aug 151-156 Wm
toxoplasmosis, humans, diagnosis, enzyme-linked immunosorbent assay, recommendations for use
- Immunity, Enzyme labelling
Neva FA; Gam AA; Burke J
1981 J Infect Dis 144 (5) Nov 427-432 Wa
strongyloidiasis in humans, comparison of larval antigens in an enzyme-linked immunosorbent diagnostic assay
- Immunity, Enzyme labelling
Ngu JL
1978 Acta Trop 35 (3) Sept 269-279 Wa
Onchocerca volvulus, patients with generalized type vs. localized reactive type disease, skin testing, leucocyte migration inhibition test, enzyme linked immunosorbent assay
- Immunity, Enzyme labelling
Nuti M; Abdullhai SE; Vullo V
1978 Ann Med Nav 83 (4) Oct-Dec 964-968 Wm
Schistosoma haematobium, humans, diagnosis, indirect immunoperoxidase test
- Immunity, Enzyme labelling
O'Hara CM; Gardner WA; Bennett BD
1980 Acta Cytol 24 (5) Sept-Oct 448-451 Wa
Trichomonas vaginalis, immunoperoxidase staining in cytologic material, diagnosis
- Immunity, Enzyme labelling
Pauluzzi S et al
1981 Boll Ist Sieroterap Milanese 60 (2) May 31 144-149 Wa
hydatid disease, human, diagnosis, quantitative standardization of enzyme-linked immunosorbent assay
- Immunity, Enzyme labelling
Picq JJ et al
1979 Bull Soc Path Exot 72 (3) May-June 231-237 Wa
African trypanosomiasis, humans, diagnosis, evaluation of the micro-ELISA test using Trypanosoma b. brucei as antigen source
- Immunity, Enzyme labelling
Pinon JM et al
1978 Bull Soc Path Exot 71 (2) Mar-Apr 189-195 Wa
human parasitic diseases, critical evaluation of immuno-enzymatic reactions coupled with precipitation tests on cellulose acetate membranes
- Immunity, Enzyme labelling
Polderman AM; de Vries H; van de Water TPM
1980 Acta Leidensia 48 37-42 Wa
toxocariasis, human, serological diagnosis, unsuccessful attempts to increase specificity of ELISA by using fractions of larval Toxocara canis antigens, immunofluorescence on cuticle of intact larvae shown to be specific but not very sensitive test
- Immunity, Enzyme labelling
Pollard ZF et al
1979 Ophthalmology 86 (5) May 743-752 Wm
Toxocara canis, humans, eye involvement, diagnosis using the enzyme-linked immunosorbent assay, no significant improvement with thiazobenzazole therapy
- Immunity, Enzyme labelling
Poupin F et al
1978 Bull Soc Path Exot 71 (6) Nov-Dec 430-440 Wa
African trypanosomiasis, humans, diagnosis, enzyme linked immunosorbent assay vs. immunoperoxidase technique

- Immunity, Enzyme labelling
Prasad LS; Saran R; Sells P
1980 Indian J Med Research 71 May 708-711 Wa
Leishmania donovani, human visceral infections, diagnosis, microplate enzyme linked immunosorbent assay
- Immunity, Enzyme labelling
Quakyi IA
1980 Tropenmed u Parasitol 31 (3) Sept 325-333 Wa
malaria, development and validation of enzyme linked immunosorbent assay, immunodiagnostic and seroepidemiological value, comparison with indirect immunofluorescence antibody test
- Immunity, Enzyme labelling
Rassam MB; Al-Mudhaffar SA
1980 Ann Trop Med and Parasitol 74 (3) June 283-287 Wa
kala azar, children, diagnosis, comparison of bone marrow culture, Ouchterlony double gel diffusion, immunoelectrophoresis, counter-current immunoelectrophoresis, and micro-ELISA: Iraq
- Immunity, Enzyme labelling
Rassam MB; Al-Mudhaffar SA
1980 Ann Trop Med and Parasitol 74 (6) Dec 591-595 Wa
Leishmania donovani, micro-ELISA sandwich technique for quantitation of soluble antigen
- Immunity, Enzyme labelling
Robert R et al
1980 Rec Med Vet 156 (7-8) July-Aug 533-538 Wa
Fasciola hepatica, cattle, diagnosis by indirect hemagglutination, inhibition of indirect hemagglutination, and immunoenzymatic tests, specificity and sensitivity
- Immunity, Enzyme labelling
Roffi J et al
1980 Am J Trop Med and Hyg 29 (2) Mar 183-189 Wa
Leishmania tropica major, human, cutaneous leishmaniasis, diagnosis, enzyme-linked immunosorbent assay using homologous antigen, equally useful in diagnosing visceral (L. donovani infantum) and mucocutaneous (L. braziliensis and L. t. major) forms, cross reactions with sera from patients with Trypanosoma brucei gambiense, leprosy, and tuberculosis
- Immunity, Enzyme labelling
Roffi J et al
1980 Bull Soc Path Exot 73 (1) Jan-Feb 67-74 Wa
trypanosomiasis, humans, diagnosis, application of the ELISA technique with Trypanosoma brucei gambiense antigens and dried blood samples, possible use in epidemiological surveys
- Immunity, Enzyme labelling
Rotmans JP; Mooij GW
1980 Tr Roy Soc Trop Med and Hyg 74 (4) 463-468 Wa
Schistosoma mansoni, separation of adult worm antigen fractions, use in defined antigen substrate spheres system and enzyme-linked immunosorbent assay with serum from schistosomiasis patients, cross-reactivity with serum from patients with other helminth infections
- Immunity, Enzyme labelling
Salonen EM; Vaheri A
1981 J Immunol Methods 41 (1) Feb 27 95-103 Wm
rapid solid-phase enzyme immunoassay for antibodies to viruses and other microbes (including Toxoplasma gondii), effects of polyethylene glycol
- Immunity, Enzyme labelling
de Savigny D; Voller A
1980 Internat J Nuclear Med and Biol 7 (2) 165-171 Wa
Toxocara canis, human, comparison of isotopic immunoassay vs. enzyme-immunoassay
- Immunity, Enzyme labelling
de Savigny D; Voller A
1980 J Immunoassay 1 (1) 105-128 Wm
communication of ELISA data from laboratory to clinician, problems and possible solutions, Toxocara canis ELISA system used as model
- Immunity, Enzyme labelling
Schimek PA; Perez WA; Carrera GM
1979 Ann Ophth Chicago 11 (9) Sept 1387-1390 Wm
Toxocara causing visceral larva migrans in children, ophthalmic manifestations, diagnosis using ELISA serum antigen determination, thiabendazole therapy useful if the parasitic organism is still alive: Louisiana
- Immunity, Enzyme labelling
Seawright GL; Sanders WM; Bryson M
1981 Advances Exper Med and Biol 137 145-168 Wa
automation of enzyme immunoassay for serodiagnosis of infectious diseases in livestock, review, includes information on detection of [Trichinella] spiralis antibody in swine
- Immunity, Enzyme labelling
Sells PG; Burton M
1981 Tr Roy Soc Trop Med and Hyg 75 (3) 461-468 Wa
Leishmania, identification of amastigotes and their antigens in formalin-fixed tissue by immunoperoxidase indirect sandwich method
- Immunity, Enzyme labelling
Silayo RS; Gray AR; Luckins AG
1980 Trop Animal Health and Prod 12 (3) Aug 127-131 Wa
Trypanosoma brucei culture and bloodstream forms used as antigens for detection of bovine trypanosomiasis by micro enzyme-linked immunosorbent assays
- Immunity, Enzyme labelling
Slemenda SB; Hitchings M; Maddison SE
1980 J Parasitol 66 (6) Dec 893-897 Issued May 6 1981 Wa
Schistosoma mansoni, S. haematobium, human, standardization of FIAX (fluoroimmunoassay) using crude cercarial and adult S. mansoni antigens, calibration using enzyme-linked immunosorbent assay performed with same antigens
- Immunity, Enzyme labelling
Sorice F et al
1977 Ann Sclavo 19 (3) May-June 484-489 Wm
Entamoeba histolytica, humans, sensitivity of enzyme-linked immunosorbent assay in diagnosis evaluated

Immunity, Enzyme labelling

Sorice F et al
1979 Ann Sclavo 21 (6) Nov-Dec 800-815 Wm
Echinococcus granulosus, humans, diagnosis, radioallergosorbent (RAST) assay compared with ELISA, indirect haemagglutination, counter-immunoelectrophoresis, and with skin tests, findings suggest that RAST be used as adjunct to other test methods rather than be employed as the only diagnostic method

Immunity, Enzyme labelling

Speiser F
1980 Schweiz Med Wchnschr 110 (11) Mar 15 404-407 Wa
E[ntamoeba] histolytica, human, diagnosis, comparison of enzyme linked immunosorbent assay with indirect immunofluorescence antibody test and counter-immunoelectrophoresis

Immunity, Enzyme labelling

Speiser F
1980 Tropenmed u Parasitol 31 (4) Dec 459-466 Wa
filariasis, echinococcosis, human, serodiagnosis, enzyme-linked immunosorbent assay using Echinococcus granulosus hydatid fluid and Dipetalonema viteae as antigens, comparison with indirect fluorescent antibody test, indirect haemagglutination test, and counterimmunoelectrophoresis, ELISA was most sensitive but least specific method

Immunity, Enzyme labelling

Spencer HC et al
1980 Am J Trop Med and Hyg 29 (2) Mar 179-182 Wa
Trypanosoma cruzi, human, serodiagnosis, evaluation of micro enzyme-linked immunosorbent assay, comparison with complement fixation and indirect fluorescent antibody tests

Immunity, Enzyme labelling

Spencer HC et al
1981 Am J Trop Med and Hyg 30 (2) Mar 358-363 Wa
Brugia malayi- and B. pahangi-infected Meriones unguiculatus, antibody response to heterologous and homologous antigens as measured by enzyme-linked immunosorbent assay, effect of fractionation of B. malayi antigen on sensitivity and specificity of test

Immunity, Enzyme labelling

Spencer HC et al
1981 Am J Trop Med and Hyg 30 (4) July 747-750 Wa
Plasmodium falciparum, human, enzyme-linked immunosorbent assay, indirect fluorescent antibody test, age distribution of serologic responses, results indicate neither test is appropriate as diagnostic aid but both would be useful in epidemiologic investigations; some patients had concurrent P. vivax infection: El Salvador, Central America

Immunity, Enzyme labelling

Suzuki T; Damian RT
1981 Am J Trop Med and Hyg 30 (4) July 825-835 Wa
Schistosoma mansoni-infected Papio cynocephalus, development of antibodies to adult worm, egg, and cercarial antigens during acute and chronic infections, immunoglobulin classes, enzyme-linked immunosorbent assay, radioallergosorbent, indirect hemagglutination, circumoval precipitin, and slide flocculation tests

Immunity, Enzyme labelling

Tadros W; Hazelhoff W; Laarman JJ
1979 Acta Leidensia 47 53-63 Wa
Sarcocystis spp., detection of circulating antibodies in human and bovine sera by enzyme-linked immunosorbent assay technique, comparison with indirect fluorescent antibody technique

Immunity, Enzyme labelling

Tadros W; Hazelhoff W; Laarman JJ
1981 Tr Roy Soc Trop Med and Hyg 75 (1) 125-126 Wa
toxoplasmic and sarcocystic tissue stage antigens, absence of cross reaction in enzyme-linked immunosorbent assay technique

Immunity, Enzyme labelling

Tandon A
1981 Tr Roy Soc Trop Med and Hyg 75 (4) 574-575 Wa
Entamoeba histolytica, human, serodiagnosis, enzyme linked immunosorbent assay evaluated on patients with intestinal amoebiasis, amebic liver abscess, and non-specific hepatomegaly, comparison with indirect haemagglutination assay

Immunity, Enzyme labelling

Tandon A et al
1981 Indian J Med Research 73 Suppl Jan 93-96 Wa
human bancroftian filariasis, immunodiagnosis, ELISA test using Litomosoides carinii and Setaria cervi as antigens, promising results

Immunity, Enzyme labelling

Taylor SM et al
1980 Zentralbl Vet Med Reihe B 27 (9-10) 764-772 Wa
Trichinella spiralis, guinea pigs (exper.), elimination of false positive reactions in micro-enzyme linked immunosorbent assay by antigen fractionation and technical improvements

Immunity, Enzyme labelling

Toen CO et al
1980 J Clin Microbiol 11 (5) May 499-502 Wm
Anaplasma marginale, cattle, diagnosis, enzyme-linked immunosorbent assay, comparison with card test and complement fixation test

Immunity, Enzyme labelling

Thomas V; Fabiyi A; Adeniyi A
1981 J Trop Med and Hyg 84 (3) June 113-116 Wa
parasitic diseases in Nigerian children, usefulness of indirect fluorescent antibody technique, ELISA also used for Schistosoma mansoni

Immunity, Enzyme labelling

Thomas V; Ogunba EO; Fabiyi A
1978 African J Med and Med Sc 7 (2) June 107-112 Wm
parasitic infections, humans, application of immunodiagnostic tests discussed in relation to conditions operating in developing countries where diagnostic facilities are often limited, immunofluorescence antibody test identified as the test that could be used universally with success, review

- Immunity, Enzyme labelling
Tsang VCW; Tao Y; Maddison SE
1981 J Parasitol 67 (3) June 340-350 Wa
Schistosoma mansoni, urea-soluble egg antigens, systematic fractionation, evaluation of activities and cross-reactivities by single-tube kinetic-dependent enzyme-linked immunosorbent assay
- Immunity, Enzyme labelling
Vervoort T; Magnus E; Van Meirvenne N
1978 Ann Soc Belge Med Trop 58 (3) Sept 177-183 Wa
Trypanosoma brucei gambiense, humans, diagnosis, enzyme-linked immunosorbent assay using variable antigen type of T. b. brucei, no cross-reactions with other parasitic infections
- Immunity, Enzyme labelling
Voller A
1980 Internat J Nuclear Med and Biol 7 (2) 157-163 Wa
use of immunofluorescence, enzyme-immunoassay, and radioimmunoassay in parasitic diseases with special reference to malaria, review
- Immunity, Enzyme labelling
Voller A et al
1980 Bull World Health Organ 58 (3) 429-438 Wa
Plasmodium falciparum, longitudinal study of 2 West African populations, antibody levels measured using the ELISA technique, values as reflected by population age, limitations of technique
- Immunity, Enzyme labelling
Vullo V et al
1979 Ann Sclavo 21 (1) Jan-Feb 83-87 Wm
echinococcosis, humans, serological diagnosis, indirect immunoperoxidase method more specific than immunofluorescence
- Immunity, Enzyme labelling
Vullo V et al
1979 Ric Clin e Lab 9 (2 suppl) 81-84 Wm
Entamoeba histolytica, humans, diagnosis, immunoperoxidase and indirect immunofluorescence tests
- Immunity, Enzyme labelling
Vullo V et al
1980 Trop and Geogr Med 32 (1) Mar 19-21 Wa
Schistosoma haematobium, humans, diagnosis, indirect immunoperoxidase test, comparison with indirect immunofluorescence test: Somalia
- Immunity, Enzyme labelling
Weil GJ; Ottesen EA; Powers KG
1981 Exper Parasitol 51 (1) Feb 80-86 Wa
Dirofilaria immitis, dogs (exper.), parasite-specific humoral (IgG (enzyme-linked immunosorbent assay) and IgE (passive cutaneous anaphylaxis) titers) and cellular (lymphocyte transformation) immune responses, results consistent with observations in other host-parasite systems which suggest that in chronic tissue helminth infections cellular responses to parasite antigens are depressed while antibody reactions to the same antigens are relatively preserved
- Immunity, Enzyme labelling
Weiland G et al
1980 Berl u Munchen Tierarztl Wchnschr 93 (14) July 15 261-264 Wa
Babesia divergens, cattle (nat. and exper.), diagnosis, indirect immunofluorescence, enzyme-linked immunosorbent assay, indirect haemagglutination, and intradermal tests using antigens of B. divergens and/or B. rodhaini
- Immunity, Enzyme labelling
Weiland G; Kratzer I
1979 Berl u Munchen Tierarztl Wchnschr 92 (20) Oct 15 398-400 Wa
Babesia canis, B. gibsoni, dogs (exper.), parasitaemia and antibody formation, indirect fluorescent antibody test and enzyme-linked immunosorbent assay using B. rodhaini antigens
- Immunity, Enzyme labelling
Weiss N; Speiser F; Hussain R
1981 Acta Trop 38 (3) Sept 353-362 Wa
Onchocerca volvulus, human, detection of IgE antibodies with radioallergosorbent test using O. volvulus vs. Dipetalonema viteae as antigen, comparison with enzyme linked immunosorbent assay detecting IgG and IgM antibodies against same antigen preparations
- Immunity, Enzyme labelling
Yan Z et al
1980 Chung Kuo I Hsueh Ko Hsueh Yuan Hsueh Pao (Acta Acad Med Sinicae) 2 (1) Mar 47-50 Wm
Schistosoma, patients, evaluation of praziquantel therapy using the enzyme linked immunosorbent assay: Jiaying in Zhejiang Province
- Immunity, Enzyme labelling
Young ER; Purnell RE
1980 Vet Rec 108 [i e 106] (3) Jan 19 60-61 Wa
Babesia divergens, calves (exper.), dried blood spot and serum compared as source of antibody for micro-enzyme-linked immunosorbent assay test
- Immunity, Enzyme labelling
Zahner H et al
1981 Immun u Infekt 9 (1) Mar 33-39 Wm
enzyme-linked immunosorbent assay, simple method for mathematical calculation of results, Echinococcus in humans one of 3 systems tested
- Immunity, Eosinophils See Eosinophils
- Immunity, Fluorescent antibody See Immunofluorescence
- Immunity, Gel diffusion See Immunity, Precipitation
- Immunity, Hemagglutination See Immunity, Agglutination
- Immunity, Hybridomas See Immunity, Monoclonal antibodies
- Immunity, Hypersensitivity, Delayed See Immunity, Cell-mediated
- Immunity, Hypersensitivity, Immediate See Immunity, Allergy

Immunity, Immobilization

- Goven BA; Dawe DL; Gratzek JB
1981 Develop and Comp Immunol 5 (2) Spring
283-289 Wa
Ichthyophthirius multifiliis, Tetrahymena pyriformis, in vitro demonstration of serological cross-reactivity (immobilization test, indirect fluorescent antibody staining, passive hemagglutination), results indicate anti-genic relationship

Immunity, Immobilization

- Vottero-Cima E et al
1980 Medicina Buenos Aires 40 Suppl (1) 121-126
Wm
Trypanosoma cruzi, serum of infected patients, differences in variety and titer of antibodies studied using passive hemagglutination and epimastigote immobilization

Immunity, Immune complexes

- Abramowsky CR et al
1981 Am J Path (470) 104 (1) July 1-12 Wa
Dirofilaria immitis-infected dogs (exper.), immunopathology of filarial nephropathy, probably of filaria-antibody immune-complex origin, possible role of diethylcarbamazine therapy

Immunity, Immune complexes

- Adam C et al
1981 Infect and Immun 31 (2) Feb 530-535 Wa
Plasmodium falciparum, human, presence of circulating immune complexes, IgG-IgM cryoglobulinemia, and complement consumption is associated with cerebral malaria and very rarely with uncomplicated infection, intensity of immune response and of associated complement activation may be important factors in pathogenesis of cerebral malaria

Immunity, Immune complexes

- Aikawa M et al
1981 Am J Trop Med and Hyg 30 (1 pt 1) Jan
84-91 Wa
Dirofilaria immitis, dogs (exper.), glomerulonephropathy, possible immunopathogenic mechanisms (in situ formation of immune complexes in glomerular basement membrane)

Immunity, Immune complexes

- Bocanegra TS et al
1981 Ann Int Med 94 (2) Feb 207-209 Wa
Strongyloides stercoralis, Taenia saginata, patients with arthritis, evidence of abnormal humoral immunity to parasites, immune complexes in serum and synovial fluid, and immunoglobulin deposits in synovia, anti-inflammatory agents were ineffective but specific antiparasitic treatment resulted in resolution of symptoms and immunologic abnormalities, findings suggest that arthritis induced by parasitic infestation may be mediated by immune complex formation in susceptible hosts

Immunity, Immune complexes

- Bourdais A; Mayere JP; Klotz F
1980 Dakar Med 25 (3) 234-247 Wm
Plasmodium falciparum, humans, acute renal insufficiency with azotemia, clinical aspects, possible importance of circulating immune complexes in pathogenesis

Immunity, Immune complexes

- Brito E et al
1979 Rev Inst Med Trop S Paulo 21 (3) May-June
119-124 Wm
[Schistosoma] mansoni, patients with and without nephropathy, circulating immune complex levels correlated with type of glomerular lesions, and with glomerular deposits of immunoglobulin, C₃, and fibrin

Immunity, Immune complexes

- Capron M et al
1980 Parasite Immunol 2 (3) Autumn 223-235 Wa
Schistosoma mansoni, humans (from Burundi and Brazil), Erythrocebus patas, inverse relationship between cytotoxic antibodies and circulating schistosome antigens, probable transfer of cytotoxic antibodies from mother to child through placenta, possible mechanisms for inhibitory role of circulating immune complexes on complement-dependent cytotoxic activity

Immunity, Immune complexes

- Carlier Y et al
1980 Am J Trop Med and Hyg 29 (1) Jan 74-81 Wa
Schistosoma mansoni-infected African parturients, their uninfected newborn children, infected men, and infected non-pregnant women, evaluation of circulating soluble antigens (CSA) by sandwich radioimmunoassay, of circulating antibodies (CAb) by indirect hemagglutination, and of immune complexes (CIC) by Clq binding test, results indicate probable transplacental transfer of CSA from mother to fetus and possible modulation of CSA level by specific CAb and CIC formation

Immunity, Immune complexes

- Carlier Y; Bout D; Cannon A
1980 Tr Roy Soc Trop Med and Hyg 74 (4) 534-538
Wa
Schistosoma mansoni-infected Mesocricetus auratus, detection of M antigen in circulating immune complexes and in kidneys, possible role in aetiology of glomerulonephritis

Immunity, Immune complexes

- Casali P; Perrin LH; Lambert PH
1979 Immunol Aspects Infect Dis 295-342 Wa
immune complexes and tissue injury, review, includes section on parasitic diseases

Immunity, Immune complexes

- Chaves J et al
1979 Rev Inst Med Trop S Paulo 21 (2) Mar-Apr
77-81 Wa
Trypanosoma cruzi-infected mice, identification of parasite antigens in circulating immune complexes

Immunity, Immune complexes

- Contreras CE et al
1980 Clin and Exper Immunol 42 (3) Dec 403-411
Wa
Plasmodium berghei in 5 strains of mice, immunopathological aspects: course of infection, detection of soluble malarial antigens, serum-specific antibody levels, circulating immune complexes, serum C₃ levels, infection of nude mice

- Immunity, Immune complexes
Cook RM
1980 Vet Parasitol 7 (1) June 3-9 Wa
Trypanosoma brucei, soluble complexes of trypanosomes with untreated or heat-inactivated hyperimmune serum or mouse plasma and live trypanosomes treated with normal mouse plasma both resulted in significantly increased chemotactic responses of murine peritoneal exudate cells
- Immunity, Immune complexes
Corsini AC; Vilela MMS; Piedrabuena AE
1981 Tropenmed u Parasitol 32 (2) June 82-86 Wa
Trypanosoma cruzi, human, chronic Chagas' disease patients, serum levels of IgM, IgG, IgA, complement, number of circulating T and B lymphocytes, no evidence of immune complexes, unimpaired delayed type hypersensitivity reactions to various antigens, humoral suppression to typhoid vaccine
- Immunity, Immune complexes
Cottrell BJ; Sturrock RJ; Vanhoegaerden M
1980 Immunology 39 (4) Apr 589-598 Wa
Schistosoma mansoni-infected Papio anubis, reduced cell-mediated immunity, suggested that immunosuppressive factors in serum are immune complexes
- Immunity, Immune complexes
Crane GG
1979 Trop Dis Research Ser (1) 245-258 Wa
tropical splenomegaly syndrome, serology and relationship to malaria, review
- Immunity, Immune complexes
Deelder AM et al
1980 Exper Parasitol 50 (1) Aug 16-32 Wa
Schistosoma mansoni, 2 circulating polysaccharide antigens: characterization, immunological responses in mouse, hamster, and human infections, involvement in production of specific antibodies and in circulating antigen-antibody complexes, fate in body of host
- Immunity, Immune complexes
Demaree RS jr; Hillyer GV
1981 Am J Trop Med and Hyg 30 (2) Mar 402-405 Wa
Schistosoma mansoni, immunoperoxidase localization by electron microscopy of soluble egg antigen and human IgG in circumoval precipitin reactions around eggs
- Immunity, Immune complexes
Desjeux P et al
1980 Am J Trop Med and Hyg 29 (2) Mar 195-198 Wa
cutaneous and mucocutaneous leishmaniasis, human, investigation of circulating immune complexes (CIC), anti-IgG, anti-DNA, and anti-collagen autoantibodies, data suggest association between development of espundia (Leishmania b. braziliensis) and appearance of CIC and anti-IgG antibodies
- Immunity, Immune complexes
Facer CA
1980 Clin and Exper Immunol 39 (2) Feb 279-288 Wm
Plasmodium falciparum, Gambian children, association between direct Coombs antiglobulin positivity and malaria, antigen specificity of erythrocyte-bound IgG, mechanism of erythrocyte sensitization, results add to and confirm major role of immune complex formation in immunopathology of falciparum malaria
- Immunity, Immune complexes
Ganguly NK et al
1980 Indian J Med Research 71 Feb 213-216 Wa
Entamoeba histolytica, humans with hepatic abscesses, presence of amoebic antigen demonstrated by counter immunoelectrophoresis, possible role in formation of immune complexes
- Immunity, Immune complexes
Gasbarre LC; Finerty JF; Louis JA
1981 Parasite Immunol 3 (3) Autumn 273-282 Wm
Trypanosoma brucei brucei-infected CBA/N mice (strain with B cell deficiency) vs. conventional mice, survival and level of parasitaemia, non-specific immune responses (polyclonal B cell activation in spleens, circulating immune complexes, immunosuppression)
- Immunity, Immune complexes
Goodger BV; Wright IC; Mahoney DF
1981 Austral J Exper Biol and Med Sc 59 (5) Oct 521-529 Wa
Babesia bovis, cattle, time of appearance and nature of immune complexes, complexes did not appear to have much pathological significance
- Immunity, Immune complexes
Greenwood BM; Fakunle YM
1979 Trop Dis Research Ser (1) 229-244 Wa
tropical splenomegaly syndrome, diagnostic criteria, clinical features, treatment, pathogenesis (hypothesis involving abnormal immune response to malaria which results in excessive IgM production and formation of large molecular weight immune complexes), review
- Immunity, Immune complexes
Greenwood BM; Whittle HC
1980 Tr Roy Soc Trop Med and Hyg 74 (6) 716-725 Wa
sleeping sickness, human, clinical features, laboratory abnormalities, pathological changes, speculations about pathogenesis with emphasis on immunopathology (immediate hypersensitivity, autoantibodies, immune complexes), hypothesis suggesting dominant role for B lymphocyte proliferation in pathogenesis, symposium presentation
- Immunity, Immune complexes
Guerra-Caceres JG et al
1980 Parasite Immunol 2 (2) Summer 121-131 Wa
onchocerciasis, humans, mechanisms of adverse reactions produced by diethylcarbamazine (Mazzotti reaction), does not appear to require generation of circulating immune complexes or systemic complement activation but eosinophils may be involved
- Immunity, Immune complexes
Hanna REB
1980 Exper Parasitol 50 (1) Aug 103-114 Wa
Fasciola hepatica, juvenile flukes acquired continuous layer of host IgG over surface during incubation with antiserum, but actively sloughed this layer and replaced the former glycocalyx when transferred to medium lacking antiserum; possible mechanism for protection against host immunity
- Immunity, Immune complexes
Hiatt RA et al
1980 J Infect Dis 142 (5) Nov 665-670 Wa
Schistosoma mansoni, patients with acute infections, serial observations of circulating immune complexes before and after niridazole therapy, these complexes may play role in pathogenesis of clinical syndrome of acute disease

- Immunity, Immune complexes
Hillyer GV; Rossey M
1980 Am J Trop Med and Hyg 29 (3) May 411-415
Wa
Schistosoma mansoni, mice, antibodies to DNA detected by enzyme-linked immunosorbent assay, suggestion that immune complexes are present in circulation by 9 and 11 weeks of infection
- Immunity, Immune complexes
Houba V
1981 Developments Immunol 14 293-299 Wa
schistosomiasis, human, hypersensitivity reactions with special emphasis on their relation to clinical manifestations of this disease and to immunodiagnosis, brief review
- Immunity, Immune complexes
June CH
1980 African J Clin and Exper Immunol 1 (1) Jan 5-12 Wm
Plasmodium, humans, circulating immune complexes, review
- Immunity, Immune complexes
Karavodin LM; Ash LR
1980 Clin and Exper Immunol 40 (2) May 312-317
Wa
Brugia pahangi-infected Meriones unguiculatus, circulating immune complexes
- Immunity, Immune complexes
Karavodin LM; Ash LR
1981 Infect and Immun 34 (1) Oct 105-110 Wa
Brugia pahangi in Meriones unguiculatus, sequential determination of circulating immune complexes during 11 month infection
- Immunity, Immune complexes
Koster FT et al
1981 J Clin and Lab Immunol 5 (3) May 153-157
Wa
amebic dysentery, human, occurrence of circulating immune complexes, role in mediating tissue injury difficult to assess
- Immunity, Immune complexes
Lambert PH; Berney M; Kazyumba G
1981 J Clin Invest 67 (1) Jan 77-85 Wa
Trypanosoma brucei gambiense, humans, circulating immune complexes (IC) and C3, circulating IC in relation to polyclonal B cell activation, rheumatoid factor, and anti-trypanosome antibodies, IC in cerebrospinal fluid (CSF), origin of CSF immunoglobulins and CSF IC
- Immunity, Immune complexes
Lee DL; Nixon PE; North ACT
1980 Proc Roy Soc London s B Biol Sc (1173) 208 July 17 409-414 Wa
Nematodirus battus, crystals found in intestine, electron microscope study of molecular structure, possible immunological significance (may be antibody-antigen complex)
- Immunity, Immune complexes
Lindsley HB et al
1980 Am J Trop Med and Hyg 29 (3) May 348-357
Wa
Trypanosoma rhodesiense in 5 strains of inbred rats, variable severity of glomerulonephritis, correlation with immunoglobulin class-specific antibody responses to trypanosomal antigens and total IgM levels, circulating immune complexes
- Immunity, Immune complexes
Lindsley HB et al
1981 Infect and Immun 33 (2) Aug 407-414 Wa
Trypanosoma rhodesiense, rabbits, detection and composition of immune complexes (trypanosomal antigens, IgG, IgM, C3), serum IgM and IgG antibodies to trypanosomes, total IgM and IgG
- Immunity, Immune complexes
Mahajan RC; Ganguly NK
1980 Tr Roy Soc Trop Med and Hyg 74 (3) 300-302
Wa
Entamoeba histolytica, human, liver abscess, immunodiagnosis and prognosis, detection of amebic antigen in liver pus/biopsy specimens and serum by counter-immunoelectrophoresis, correlation between amebic antigen positivity and indirect haemagglutination seropositivity, possible role of amebic antigen in immune complex formation and pathogenesis
- Immunity, Immune complexes
Musa AM; Saleh SY; Abu Asha H
1981 Ann Trop Med and Parasitol 75 (2) Apr 181-184 Wa
schistosomiasis mansoni, past or present infection in 5 Sudanese patients who developed transient nephritis during typhoid fever, typhoid infection may act as activator to already established immune complex glomerular disease caused by schistosomiasis
- Immunity, Immune complexes
Narayanan K et al
1981 J Ass Physicians India 29 (2) Feb 169-172
Wm
Leishmania donovani, human, humoral and cell-mediated responses of 3 cases showed disturbances of T-cells, subpopulations of T-cells, and evidence of circulating immune complexes of nonpathogenic nature
- Immunity, Immune complexes
Nydegger UE; Davis JS IV
1980 CRC Crit Rev Clin Lab Sc 12 (2) July 123-170 Wa
soluble immune complexes in human disease, extensive review, includes information on malaria, trypanosomiasis, leishmaniasis, and schistosomiasis
- Immunity, Immune complexes
Onyemelukwe GC; Onyewotu II
1981 Tr Roy Soc Trop Med and Hyg 75 (4) 613-614
Wa
amoebic liver abscess, onchocerciasis, human, serum anticomplementary screening for immune complexes
- Immunity, Immune complexes
Paganelli R; Ngu JL; Levinsky RJ
1980 Clin and Exper Immunol 39 (3) Mar 570-575
Wm
Onchocerca volvulus, patients with both localized and generalized infections, circulating immune complexes
- Immunity, Immune complexes
Pappas MG et al
1981 J Clin Invest 67 (1) Jan 183-192 Wa
Plasmodium berghei, mice, complement-mediated defect in clearance and sequestration of sensitized autologous erythrocytes, association of hypocomplementemia with major splenic defect in clearance late in malaria infection may explain accumulation of immune complexes in pathological sites

Immunity, Immune complexes

- Poltera AA et al
1980 Clin and Exper Immunol 40 (3) June 496-507
Wa
Trypanosoma brucei brucei, successful induction of cerebral trypanosomiasis in ordinary laboratory mice, parasitaemia and serology, histopathology, immunohistology, electronmicroscopic studies, evolution of brain lesions after ethidium bromide treatment

Immunity, Immune complexes

- Poltera AA; Hochmann A; Lambert PH
1980 Am J Path (456) 99 (2) May 325-351 Wa
Trypanosoma brucei brucei-infected mice as model for study of pancarditis, findings suggest that immune mechanisms may be involved in pathogenesis, offers suitable model for evaluation of efficacy of trypanocidal drugs

Immunity, Immune complexes

- Poltera AA; Hochmann A; Lambert PH
1981 Clin and Exper Immunol 46 (2) Nov 363-374
Wa
Trypanosoma brucei brucei, mice with cerebral trypanosomiasis, response to melarsoprol, melarsoprol + chloroquine, or benznidazole, immunopathological study

Immunity, Immune complexes

- Rickman WJ; Cox HW
1980 J Parasitol 66 (1) Feb 28-33 Wa
Trypanosoma brucei rhodesiense, rats, anemia, thrombocytopenia, and coagulopathy, association with antibodies against fibrinogen/fibrin-related products (anti-F), immunocoaglutinin, soluble immune complexes (of anti-F and fibrinogen/fibrin-related products), and lytic complement consumption

Immunity, Immune complexes

- Rickman WJ; Cox HW; Thoongsuwan S
1981 J Parasitol 67 (2) Apr 159-163 Wa
Trypanosoma brucei rhodesiense, rats, interactions of immunocoaglutinin and immune complexes in cold autohemagglutination

Immunity, Immune complexes

- Riera NE et al
1980 Medicina Buenos Aires 40 (2) Mar-Apr 125-132 Wm
T[rypanosoma] cruzi, chronic infections, immune complexes detected infrequently but alterations in complement system are detected in a relatively high number of patients

Immunity, Immune complexes

- Rocklin RE et al
1980 J Immunol 125 (5) Nov 1916-1923 Wm
Schistosoma mansoni, Kenyan children, cell-mediated (CMI) and humoral immune responses, results imply that several factors affect CMI response during course of infection including factors present in serum (possibly antigen-antibody complexes) and presence of antigen-specific suppressor cells

Immunity, Immune complexes

- Sampaio-Silva ML; Santoro F; Capron A
1981 Acta Trop 38 (1) Mar 39-44 Wa
Fasciola hepatica, humans, circulating immune complexes, relationship to parasite egg output and to clinical form of patients (asymptomatic, symptomatic, or acute), possible involvement in pathogenesis of acute hepatic fascioliasis

Immunity, Immune complexes

- Sanchez Ibarrola A et al
1981 Am J Med 70 (2) Feb 311-315 Wa
Echinococcus granulosus, woman with hepatic hydatid cyst and nephrotic syndrome, renal biopsy tissue studied by light and electron microscopy and by immunofluorescence, documentation of role of hydatid antigen in the pathogenesis of glomerulonephritis

Immunity, Immune complexes

- Santoro F et al
1980 Clin and Exper Immunol 42 (2) Nov 219-225
Wa
Schistosoma mansoni, human, circulating antigens, circulating immune complexes, and C3d levels, relationship with schistosome egg output

Immunity, Immune complexes

- Santoro F et al
1981 Am J Trop Med and Hyg 30 (5) Sept 1020-1025 Wa
Schistosoma mansoni, human, correlation between circulating antigens detected by radioimmunoprecipitation-polyethylene glycol assay and Clq-binding immune complexes

Immunity, Immune complexes

- Sitprija V et al
1980 Arch Int Med Chicago 140 (4) Apr 544-546
Wa
Trichinella spiralis-infected patients, renal clinicopathologic study, detection of circulating immune complexes and glomerular deposition of C3 and immunoglobulins: northern Thailand

Immunity, Immune complexes

- Targett GA
1981 Developments Immunol 14 301-309 Wa
malaria infection, human, immunological and allergological aspects especially in relation to pathogenesis and pathology, review

Immunity, Immune complexes

- Theofilopoulos AN
1980 Progr Clin Immunol 4 63-106 Wm
evaluation and clinical significance of circulating immune complexes, review, includes some brief information on parasitic diseases

Immunity, Immune complexes

- Van Marck EAE et al
1981 Am J Trop Med and Hyg 30 (4) July 780-789
Wa
Trypanosoma gambiense, mice, rats, chronic experimental infections, renal disease, light and electron microscopy, immunofluorescence (deposits of complement and immunoglobulins but no trypanosomal antigen detected), specific antibodies in kidney eluates, circulating immune complexes, appears to be suitable model

Immunity, Immune complexes

- Van Marck EAE; Deelder AM; Gigase PLJ
1981 Exper Parasitol 52 (1) Aug 62-68 Wa
Schistosoma mansoni, mice with unisexual infections, circulating anodic antigen detected in glomeruli accompanied by deposits of immunoglobulin and complement, probably represents antigen part of immune complexes, circulating anodic antigen appears to be major candidate among antigens involved in schistosomal glomerulopathy

- Immunity, Immune complexes
Van Marck EAE; Vervoort T
1980 Tr Roy Soc Trop Med and Hyg 74 (5) 666-667
Wa
Trypanosoma brucei brucei, mice vaccinated with purified variable antigen, detection of immunoglobulins, C3 fraction of complement, and trypanosome antigen in glomeruli, trypanosomal antigen is most probably deposited in immune complex form
- Immunity, Immune complexes
Vialtel P et al
1981 N England J Med 304 (10) Mar 5 610-611 Wa
Echinococcus granulosus, woman, membranous nephropathy associated with hydatid disease in which parasitic antigen and corresponding antibody were found in glomeruli: France, from North Africa
- Immunity, Immune complexes
Vaugh DA; Alexander JH; Ibels LS
1980 Austral and N Zealand J Med 10 (5) Oct 559-562 Wm
filariasis, humans with chyluria and associated glomerulonephritis, clinical report, evidence to suggest that glomerulonephritis may be an immune complex type
- Immunity, Immune complexes
Whittle H; Greenwood BM; Mohammed I
1980 Tr Roy Soc Trop Med and Hyg 74 (6) 833-834
Wa
Gambian sleeping sickness, raised levels of immune complexes in sera of patients, difficult to interpret complexes as major cause of damage
- Immunity, Innate See Immunity, Native
- Immunity, Intradermal tests See Immunity, Skin tests
- Immunity, Leucocyte migration inhibition test
See Immunity, Macrophage migration test
- Immunity, Lymphocyte transformation See Lymphocytes
- Immunity, Lysis
Gonzalez Cappa SM et al
[1981] J Protozool 27 (4) Nov 1980 467-471
Issued Mar 11 Wa
Trypanosoma cruzi, mice immunized with whole homogenate or flagellar fraction, relation of humoral antibody response to protection evaluated by direct agglutination and indirect fluorescent antibody test as well as by lytic and neutralizing activity against blood trypomastigotes, histopathology
- Immunity, Lysis
Onaga H; Ishii T
1980 Japan J Vet Sc 42 (2) Apr 211-219 Wa
Eimeria tenella, enhancing effects of chicken anti-E. tenella serum on phagocytosis of sporozoites and merozoites by chicken peritoneal macrophages; relationship between antibodies and complement and fate of parasites ingested by macrophages
- Immunity, Lysis
Sanderson CJ; Thomas JA; Twomey CE
1980 Parasitology 80 (1) Feb 153-162 Wa
Trypanosoma cruzi, growth in human diploid cell lines for production of trypomastigotes, labelled trypomastigotes obtained by incorporating [3H]uridine in culture medium, release of label provides assay for parasite death, applications of this assay for testing drug toxicity and in immunological lysis
- Immunity, Macrophage inhibition test See Immunity, Macrophage migration test
- Immunity, Macrophage migration test
Aikat BK et al
1979 Indian J Med Research 70 Oct 583-591 Wa
kala-azar, humans, immunological responses: Bihar
- Immunity, Macrophage migration test
Banerjee DP et al
1981 Tropenmed u Parasitol 32 (2) June 105-108
Wa
Anaplasma marginale, cattle, vaccinated infected and non-vaccinated infected (carrier) animals, cell-mediated immune response assessed in vivo by intradermic skin test and in vitro by leucocyte migration inhibition test, killed vaccine yielded encouraging results
- Immunity, Macrophage migration test
Carson CA; Kakoma I; Ristic M
1980 Comp Immunol Microbiol and Infect Dis 3 (3) 277-281 Wa
Anaplasma marginale, cattle, use of peripheral blood leukocytes in study of cell-mediated immunity, review: leucocyte migration inhibition test; blastogenesis test; cytotoxicity test
- Immunity, Macrophage migration test
Chensue SW; Boros DL; David CS
1980 J Exper Med 151 (6) June 1 1398-1412 Wa
Schistosoma mansoni, mice, regulation of granulomatous inflammation, in vitro characterization of T lymphocyte subsets involved in production and suppression of migration inhibition factor
- Immunity, Macrophage migration test
Cursors RTM; et al
1980 Infect and Immun 29 (2) Aug 408-410 Wa
Naegleria spp., sensitized guinea pigs, cross-reactivity of homologous and heterologous antigens as judged by delayed hypersensitivity skin test and macrophage inhibition test, possible role of cell-mediated immunity in defense against pathogenic free-living amoebae
- Immunity, Macrophage migration test
Helmy-Khalil S jr et al
1979 Tropenmed u Parasitol 30 (4) Dec 426-428
Wa
S[Schistosoma] mansoni, human, hepato-splenic disease vs. simple intestinal infection, cell mediated immune (CMI) responses assessed using delayed intradermal and migration inhibition tests with soluble egg antigens, findings suggest relationship between CMI responsiveness and clinicopathological manifestations
- Immunity, Macrophage migration test
Jain P; Sawhney S; Vinayak VK
1980 Tr Roy Soc Trop Med and Hyg 74 (3) 347-350
Wa
Entamoeba histolytica, guinea pigs immunized with low grade infection, protection against subsequent challenge, humoral (indirect haemagglutination and counter-current immunoelectrophoresis tests) and cell-mediated (macrophage migration inhibition test) immune responses in immunized and unimmunized animals
- Immunity, Macrophage migration test
James SL; Sher A
1980 J Immunol 124 (4) Apr 1837-1844 Wm
Schistosoma mansoni, immune mechanisms that stimulate mouse leukocyte (eosinophil, neutrophil, macrophage) migration in response to schistosomula

- Immunity, Macrophage migration test
Ngu JL
1978 Acta Trop 35 (3) Sept 269-279 Wa
Onchocerca volvulus, patients with generalized type vs. localized reactive type disease, skin testing, leucocyte migration inhibition test, enzyme linked immunosorbent assay
- Immunity, Macrophage migration test
Onaga H; Ishii T
1980 Japan J Vet Sc 42 (3) June 345-351 Wa
Eimeria tenella, chickens (exper.), direct and indirect leukocyte migration inhibition tests
- Immunity, Macrophage migration test
Peralta JM et al
1981 Clin and Exper Immunol 45 (3) Sept 621-626 Wa
Trypanosoma cruzi-infected asymptomatic humans, leucocyte migration inhibition response to tissue antigens, correlation with tissue-reacting antibodies
- Immunity, Macrophage migration test
Petavy AF; Vernes A; Biguet J
1980 Avian Path 9 (2) 171-178 Wa
Syngamus trachea, turkeys and chickens (exper.), kinetic in vitro study of cell mediated immunity using indirect test based on inhibition of macrophage spreading
- Immunity, Macrophage migration test
Petchclai B; Koonakosit R; Akarawong K
1980 Southeast Asian J Trop Med and Pub Health 11 (1) Mar 55-57 Wa
Entamoeba histolytica, humans with hepatic abscesses, leucocyte migration test demonstrates cell-mediated immune response, some evidence of immunosuppression
- Immunity, Macrophage migration test
Przyjalkowski Z; Schollenberger A; Frymus T
1980 Bull Acad Polon Sc Cl II s Sc Biol 28 (1-2) 81-85 Wa
Trichinella spiralis-infected germfree and conventional mice, macrophage migration inhibition test
- Immunity, Macrophage migration test
Rehbein G et al
1981 Tropenmed u Parasitol 32 (3) Sept 154-156 Wa
Theileria annulata, production of macrophage migration inhibition factor by sensitized lymphocytes from infected calves, results indicate occurrence of sensitized lymphocytes as effector cells of cell-mediated immunity to T. annulata infection
- Immunity, Macrophage migration test
Rurangirwa FR et al
1980 Tropenmed u Parasitol 31 (1) Mar 105-110 Wa
Trypanosoma congolense-infected Bos indicus (exper.), reduced primary immune response to Leptospira biflexa immunization, secondary response (after berenil cure and re-immunization) suggested presence of intact memory cell population and was lower than (but not significantly different from) that of controls; effect of post infection serum on in vitro thymidine uptake by lymphocytes and on leucocyte migration
- Immunity, Macrophage migration test
Sher A; Ahmad S; Muller-Berat CN
1980 Arch Invest Med 11 (2) 201-213 Wm
Entamoeba histolytica antigen-sensitized peritoneal exudate cells from guinea pigs were employed in capillary tube and agarose plate tests to confirm presence of cell-mediated immune responses, findings suggest that migration inhibitory factor is released as a correlate of cell-mediated immunity
- Immunity, Macrophage migration test
Shivananda PG et al
1981 Indian J Med Research 73 Suppl Jan 107-110 Wa
hydatidosis, humans, diagnosis, leucocyte migration inhibition test appears more reliable and to have more prognostic significance than does Casoni's skin test
- Immunity, Macrophage migration test
Vinayak VK et al
1980 Trop and Geogr Med 32 (4) Dec 298-302 Wa
Entamoeba histolytica, patients with amoebic colitis or hepatic abscess, cell-mediated immune response (CMIR) and humoral antibody response studied using various serologic tests, no clear-cut correlations between CMIR and humoral antibody response were found but CMIR appears to be altered in amoebic patients during acute illness
- Immunity, Monoclonal antibodies
Aikawa M et al
1981 J Protozool 28 (3) Aug 383-388 Wa
Plasmodium gallinaceum, interaction of monoclonal antibodies with gametes, electron microscopic study
- Immunity, Monoclonal antibodies
Araujo FG; Handman E; Remington JS
1980 Infect and Immun 30 (1) Oct 12-16 Wa
Toxoplasma gondii, monoclonal antibodies can be used in enzyme-linked immunosorbent assay to detect parasite antigens in serum and other body fluids but polyvalent antibody appears to be more satisfactory for this purpose
- Immunity, Monoclonal antibodies
Cox FEG
1980 Nature London (5754) 284 Mar 27 304-305 Wm
monoclonal antibodies and immunity to malaria, brief review
- Immunity, Monoclonal antibodies
Craig PS et al
1980 Austral J Exper Biol and Med Sc 58 (4) Aug 339-350 Wa
larval taeniid cestode infections, sheep, attempts to produce hybridoma-based immunodiagnostic reagents
- Immunity, Monoclonal antibodies
Craig PS et al
1981 Parasitology 83 (2) Oct 303-317 Wa
Echinococcus granulosus, sheep, murine hybridoma-derived antibodies in processing of antigens for immunodiagnosis
- Immunity, Monoclonal antibodies
Cruise KM et al
1981 Austral J Exper Biol and Med Sc 59 (4) Aug 503-514 Wa
Schistosoma japonicum, murine hybridoma-derived antibodies producing circumoval precipitation reactions with eggs

- Immunity, Immune complexes
Van Marck EAE; Vervoort T
1980 Tr Roy Soc Trop Med and Hyg 74 (5) 666-667
Wa
Trypanosoma brucei brucei, mice vaccinated with purified variable antigen, detection of immunoglobulins, C3 fraction of complement, and trypanosome antigen in glomeruli, trypanosomal antigen is most probably deposited in immune complex form
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Vialtel P et al
1981 N England J Med 304 (10) Mar 5 610-611 Wa
Echinococcus granulosus, woman, membranous nephropathy associated with hydatid disease in which parasitic antigen and corresponding antibody were found in glomeruli: France, from North Africa
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Waugh DA; Alexander JH; Ibels LS
1980 Austral and N Zealand J Med 10 (5) Oct 559-562 Wm
filariasis, humans with chyluria and associated glomerulonephritis, clinical report, evidence to suggest that glomerulonephritis may be an immune complex type
- Immunity, Immune complexes
Whittle H; Greenwood BM; Mohammed I
1980 Tr Roy Soc Trop Med and Hyg 74 (6) 833-834
Wa
Gambian sleeping sickness, raised levels of immune complexes in sera of patients, difficult to interpret complexes as major cause of damage
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- Immunity, Lysis
Gonzalez Cappa SM et al
[1981] J Protozool 27 (4) Nov 1980 467-471
Issued Mar 11 Wa
Trypanosoma cruzi, mice immunized with whole homogenate or flagellar fraction, relation of humoral antibody response to protection evaluated by direct agglutination and indirect fluorescent antibody test as well as by lytic and neutralizing activity against blood trypomastigotes, histopathology
- Immunity, Lysis
Onaga H; Ishii T
1980 Japan J Vet Sc 42 (2) Apr 211-219 Wa
Eimeria tenella, enhancing effects of chicken anti-E. tenella serum on phagocytosis of sporozoites and merozoites by chicken peritoneal macrophages; relationship between antibodies and complement and fate of parasites ingested by macrophages
- Immunity, Lysis
Sanderson CJ; Thomas JA; Twomey CE
1980 Parasitology 80 (1) Feb 153-162 Wa
Trypanosoma cruzi, growth in human diploid cell lines for production of trypomastigotes, labelled trypomastigotes obtained by incorporating [³H]uridine in culture medium, release of label provides assay for parasite death, applications of this assay for testing drug toxicity and in immunological lysis
- Immunity, Macrophage inhibition test See Immunity, Macrophage migration test
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Aikat BK et al
1979 Indian J Med Research 70 Oct 583-591 Wa
kala-azar, humans, immunological responses: Bihar
- Immunity, Macrophage migration test
Banerjee DP et al
1981 Tropenmed u Parasitol 32 (2) June 105-108
Wa
Anaplasma marginale, cattle, vaccinated infected and non-vaccinated infected (carrier) animals, cell-mediated immune response assessed in vivo by intradermic skin test and in vitro by leucocyte migration inhibition test, killed vaccine yielded encouraging results
- Immunity, Macrophage migration test
Carson CA; Kakoma I; Ristic M
1980 Comp Immunol Microbiol and Infect Dis 3 (3) 277-281 Wa
Anaplasma marginale, cattle, use of peripheral blood leukocytes in study of cell-mediated immunity, review: leukocyte migration inhibition test; blastogenesis test; cytotoxicity test
- Immunity, Macrophage migration test
Chensue SW; Boros DL; David CS
1980 J Exper Med 151 (6) June 1 1398-1412 Wa
Schistosoma mansoni, mice, regulation of granulomatous inflammation, in vitro characterization of T lymphocyte subsets involved in production and suppression of migration inhibition factor
- Immunity, Macrophage migration test
Cursons RTM; et al
1980 Infect and Immun 29 (2) Aug 408-410 Wa
Naegleria spp., sensitized guinea pigs, cross-reactivity of homologous and heterologous antigens as judged by delayed hypersensitivity skin test and macrophage inhibition test, possible role of cell-mediated immunity in defense against pathogenic free-living amoebae
- Immunity, Macrophage migration test
Helmy-Khalil S jr et al
1979 Tropenmed u Parasitol 30 (4) Dec 426-428
Wa
S[chistosoma] mansoni, human, hepato-splenic disease vs. simple intestinal infection, cell mediated immune (CMI) responses assessed using delayed intradermal and migration inhibition tests with soluble egg antigens, findings suggest relationship between CMI responsiveness and clinicopathological manifestations
- Immunity, Macrophage migration test
Jain P; Sawhney S; Vinayak VK
1980 Tr Roy Soc Trop Med and Hyg 74 (3) 347-350
Wa
Entamoeba histolytica, guinea pigs immunized with low grade infection, protection against subsequent challenge, humoral (indirect haemagglutination and counterimmunoelectrophoresis tests) and cell-mediated (macrophage migration inhibition test) immune responses in immunized and unimmunized animals
- Immunity, Macrophage migration test
James SL; Sher A
1980 J Immunol 124 (4) Apr 1837-1844 Wm
Schistosoma mansoni, immune mechanisms that stimulate mouse leukocyte (eosinophil, neutrophil, macrophage) migration in response to schistosomula

- Immunity, Macrophage migration test
Ngu JL
1978 Acta Trop 35 (3) Sept 269-279 Wa
Onchocerca volvulus, patients with generalized type vs. localized reactive type disease, skin testing, leucocyte migration inhibition test, enzyme linked immunosorbent assay
- Immunity, Macrophage migration test
Onaga H; Ishii T
1980 Japan J Vet Sc 42 (3) June 345-351 Wa
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Trypanosoma cruzi-infected asymptomatic humans, leucocyte migration inhibition response to tissue antigens, correlation with tissue-reacting antibodies
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Petavy AF; Vernes A; Biguet J
1980 Avian Path 9 (2) 171-178 Wa
Syngamus trachea, turkeys and chickens (exper.), kinetic in vitro study of cell mediated immunity using indirect test based on inhibition of macrophage spreading
- Immunity, Macrophage migration test
Petchclai B; Koonakosit R; Akarawong K
1980 Southeast Asian J Trop Med and Pub Health 11 (1) Mar 55-57 Wa
Entamoeba histolytica, humans with hepatic abscesses, leucocyte migration test demonstrates cell-mediated immune response, some evidence of immunosuppression
- Immunity, Macrophage migration test
Przyjalkowski Z; Schollenberger A; Frymus T
1980 Bull Acad Polon Sc Cl II s Sc Biol 28 (1-2) 81-85 Wa
Trichinella spiralis-infected germfree and conventional mice, macrophage migration inhibition test
- Immunity, Macrophage migration test
Rehbein G et al
1981 Tropenmed u Parasitol 32 (3) Sept 154-156 Wa
Theileria annulata, production of macrophage migration inhibition factor by sensitized lymphocytes from infected calves, results indicate occurrence of sensitized lymphocytes as effector cells of cell-mediated immunity to T. annulata infection
- Immunity, Macrophage migration test
Rurangirwa FR et al
1980 Tropenmed u Parasitol 31 (1) Mar 105-110 Wa
Trypanosoma congolense-infected Bos indicus (exper.), reduced primary immune response to Leptospira biflexa immunization, secondary response (after berenil cure and re-immunization) suggested presence of intact memory cell population and was lower than (but not significantly different from) that of controls; effect of post infection serum on in vitro thymidine uptake by lymphocytes and on leucocyte migration
- Immunity, Macrophage migration test
Sher A; Ahmad S; Muller-Berat CN
1980 Arch Invest Med 11 (2) 201-213 Wm
Entamoeba histolytica antigen-sensitized peritoneal exudate cells from guinea pigs were employed in capillary tube and agarose plate tests to confirm presence of cell-mediated immune responses, findings suggest that migration inhibitory factor is released as a correlate of cell-mediated immunity
- Immunity, Macrophage migration test
Shivananda PG et al
1981 Indian J Med Research 73 Suppl Jan 107-110 Wa
hydatidosis, humans, diagnosis, leucocyte migration inhibition test appears more reliable and to have more prognostic significance than does Casoni's skin test
- Immunity, Macrophage migration test
Vinayak VK et al
1980 Trop and Geogr Med 32 (4) Dec 298-302 Wa
Entamoeba histolytica, patients with amoebic colitis or hepatic abscess, cell-mediated immune response (CMIR) and humoral antibody response studied using various serologic tests, no clear-cut correlations between CMIR and humoral antibody response were found but CMIR appears to be altered in amoebic patients during acute illness
- Immunity, Monoclonal antibodies
Aikawa M et al
1981 J Protozool 28 (3) Aug 383-388 Wa
Plasmodium gallinaceum, interaction of monoclonal antibodies with gametes, electron microscopic study
- Immunity, Monoclonal antibodies
Araujo FG; Handman E; Remington JS
1980 Infect and Immun 30 (1) Oct 12-16 Wa
Toxoplasma gondii, monoclonal antibodies can be used in enzyme-linked immunosorbent assay to detect parasite antigens in serum and other body fluids but polyvalent antibody appears to be more satisfactory for this purpose
- Immunity, Monoclonal antibodies
Cox FEG
1980 Nature London (5754) 284 Mar 27 304-305 Wm
monoclonal antibodies and immunity to malaria, brief review
- Immunity, Monoclonal antibodies
Craig PS et al
1980 Austral J Exper Biol and Med Sc 58 (4) Aug 339-350 Wa
larval taeniid cestode infections, sheep, attempts to produce hybridoma-based immunodiagnostic reagents
- Immunity, Monoclonal antibodies
Craig PS et al
1981 Parasitology 83 (2) Oct 303-317 Wa
Echinococcus granulosus, sheep, murine hybridoma-derived antibodies in processing of antigens for immunodiagnosis
- Immunity, Monoclonal antibodies
Cruise KM et al
1981 Austral J Exper Biol and Med Sc 59 (4) Aug 503-514 Wa
Schistosoma japonicum, murine hybridoma-derived antibodies producing circumoval precipitation reactions with eggs

Immunity, Monoclonal antibodies

Epstein N et al
1981 J Immunol 127 (1) July 212-217 Wm
Plasmodium knowlesi, monoclonal antibodies
against specific surface determinant on mero-
zoites block erythrocyte invasion

Immunity, Monoclonal antibodies

Freeman RR; Trejdosiewicz AJ; Cross GAM
1980 Nature London (5754) 284 Mar 27 366-368 Wm
Plasmodium yoelii, monoclonal antibodies recog-
nizing stage-specific merozoite antigens were
protective in passive transfer experiments

Immunity, Monoclonal antibodies

Handman E; Goding JW; Remington JS
1980 J Immunol 124 (6) June 2578-2583 Wm
Toxoplasma gondii, detection and characteriza-
tion of membrane antigens

Immunity, Monoclonal antibodies

Handman E; Remington JS
1980 Immunology 40 (4) Aug 579-588 Wa
Toxoplasma gondii, serological and immunochemi-
cal characterization of monoclonal antibodies
against membrane or cytoplasmic antigens of
tachyzoites

Immunity, Monoclonal antibodies

Hauser WE jr; Remington JS
1981 Infect and Immun 32 (2) May 637-640 Wa
Toxoplasma gondii, monoclonal antibodies en-
hance phagocytosis and killing of tachyzoites
by normal mouse peritoneal macrophages

Immunity, Monoclonal antibodies

Hillyer GV; Pelley RP
1980 Am J Trop Med and Hyg 29 (4) July 582-585
Wa
Schistosoma mansoni, monoclonal hybridoma anti-
body to major serological egg antigen (anti-
MSA₁) reacted with schistosome eggs forming
circumoval precipitate, precipitate was seen
when anti-MSA₁ was incubated with S. mansoni,
S. haematobium, and S. japonicum eggs

Immunity, Monoclonal antibodies

Hudson L
1981 Tr Roy Soc Trop Med and Hyg 75 (4) 493-498
Wa
Trypanosoma cruzi, modelling the host and the
parasite (in vivo and in vitro studies),
immune response (immunity to infection, im-
munity and pathogenesis, immunization and
immunoprophylaxis), monoclonal antibodies as
immunological tools, review

Immunity, Monoclonal antibodies

Johnson AM et al
1981 Austral J Exper Biol and Med Sc 59 (3) June
303-306 Wa
Toxoplasma gondii, hybridomas secreting
monoclonal antibody, immunoglobulin subclasses
(IgG1, IgG2a, IgG3) and reactivity in indirect
haemagglutination antibody test and indirect
immunofluorescence antibody test

Immunity, Monoclonal antibodies

Kim KJ et al
1980 J Immunol 125 (6) Dec 2565-2569 Wm
Plasmodium yoelii, mice, solid-phase
radioimmunoassay (SPRIA) to detect antibodies
against parasite antigen, intact-RBC
radioimmunoassay to detect antibodies against
newly expressed antigen(s) or parasitic
antigen(s) expressed on RBC from infected
mice, screening for hybridomas that produce
antibodies to parasite antigen using SPRIA

Immunity, Monoclonal antibodies

Lyon JA et al
1981 J Immunol 126 (1) Jan 134-137 Wm
Trypanosoma rhodesiense, use of monoclonal
antibodies to probe molecular basis for charge
heterogeneity in variant-specific surface coat
glycoprotein

Immunity, Monoclonal antibodies

McMahon Pratt D; David JR
1981 Nature London (5816) 291 June 18-24 581-583
Wa
Leishmania braziliensis, L. mexicana, produc-
tion of monoclonal antibodies specific for
these 2 species, assayed for cross-reactivity
with Leishmania spp. and Trypanosoma cruzi,
should be useful in taxonomic identification of
different species of New World leishmaniasis as
well as for direct diagnosis of leishmaniasis

Immunity, Monoclonal antibodies

Mitchell GF et al
1981 Proc National Acad Sc 78 (5) May 3165-3169
Wa
Schistosoma japonicum, hybridoma-derived an-
tibody with immunodiagnostic potential, results
of radioimmunoassay with Philippine sera

Immunity, Monoclonal antibodies

Naot Y; Remington JS
1981 J Immunol Methods 43 (3) June 30 333-341
Wm
Toxoplasma gondii, use of enzyme-linked immuno-
sorbent assays (IgM and IgG sandwich ELISA and
IgM and IgG double sandwich ELISA) for detec-
tion of monoclonal antibodies to various T.
gondii antigens

Immunity, Monoclonal antibodies

Pearson TW et al
1980 J Immunol Methods 34 (2) May 27 141-154 Wm
[Trypanosoma] brucei, Theileria parva parva,
methods for derivation and detection of anti-
parasite monoclonal antibodies

Immunity, Monoclonal antibodies

Pearson TW et al
1981 J Immunol 126 (3) Mar 823-828 Wm
Trypanosoma brucei, variable surface antigens,
studies using two-dimensional gel electropho-
resis and monoclonal antibodies, possible ex-
planation for role of variable antigens in
pathogenesis of African trypanosomiasis

Immunity, Monoclonal antibodies

Perrin LH et al
1980 Clin and Exper Immunol 41 (1) July 91-96
Plasmodium falciparum, characterization of de-
fined antigens by monoclonal antibodies, in-
direct immunofluorescence can be used to check
specificity of hybrid products in this system

Immunity, Monoclonal antibodies

Perrin LH et al
1981 Nature London (5795) 289 Jan 22 301-303
Wa
Plasmodium falciparum, inhibition of growth in
human erythrocytes in vitro by monoclonal
antibodies

Immunity, Monoclonal antibodies

Pinder M; Hewett RS
1980 J Immunol 124 (2) Feb 1000-1001 Wm
Theileria parva parva, T. p. lawrencei, mono-
clonal antibodies detect antigenic diversity
between strains

Immunity, Monoclonal antibodies

Potocnjak P et al
1980 J Exper Med 151 (6) June 1 1504-1513 Wa
Plasmodium berghei, monoclonal antibodies to sporozoite surface antigen and monovalent fragments of this antibody, effects on sporozoites in vitro (neutralizing assay; circumsporozoite precipitation reaction), protective effects in vivo (mice)

Immunity, Monoclonal antibodies

Rener J et al
1980 Proc National Acad Sc Biol Sc 77 (11) Nov 6797-6799 Wa
Plasmodium gallinaceum, 2 anti-gamete monoclonal antibodies synergistically block transmission of malaria by preventing fertilization in Aedes aegypti

Immunity, Monoclonal antibodies

Scientific Working Group on the Immunology of Malaria
1981 Bull World Health Organ 59 (3) 371-381 Wa
Plasmodium spp., antigenic structure and related aspects of biology (production of monoclonal antibodies, cultivation techniques, antigen production for vaccine development and immunodiagnosis), review of current situation

Immunity, Monoclonal antibodies

Sethi KK; Brandis H
1981 Ann Immunol 132C (1) Jan-Feb 29-41 Wa
Toxoplasma gondii, in vitro immunization of mouse spleen cells, isolation and cloning of hybridomas producing monoclonal antibodies following fusion of in vitro-immunized spleen cells with mouse myeloma cells, characterization of Ig class of antibody produced by hybridomas, reactivities of monoclonal antibodies in different serological assays

Immunity, Monoclonal antibodies

Sethi KK; Endo T; Brandis H
1980 J Parasitol 66 (2) Apr 192-196 Wa
Toxoplasma gondii, hybridomas secreting monoclonal antibody with specificity for Toxoplasma

Immunity, Monoclonal antibodies

Sethi KK; Endo T; Brandis H
1981 Immunol Letters 2 (5-6) Mar 343-346 Wa
Toxoplasma gondii trophozoites precoated with specific monoclonal antibodies cannot survive within normal (non-immune) murine macrophages

Immunity, Monoclonal antibodies

Snary D et al
1981 Molec and Biochem Parasitol 3 (6) Oct 343-356 Wa
Trypanosoma cruzi, cell surface antigens, use of monoclonal antibodies to identify and isolate epimastigote-specific glycoprotein

Immunity, Monoclonal antibodies

Taylor DW et al
1981 Infect and Immun 32 (2) May 563-570 Wa
Plasmodium yoelii, monoclonal antibodies to stage-specific, species-specific, and cross-reactive (with Plasmodium spp. and Babesia microti, but not Toxoplasma gondii) antigens, specificity and location of plasmodial antigens determined by indirect fluorescent antibody analysis

Immunity, Monoclonal antibodies

Yoshida N et al
1980 Science (4426) 207 Jan 4 71-73 Wa
Plasmodium berghei, hybridoma cells produce protective antibodies against sporozoite stage

Immunity, Native

Albright JW; Albright JF
1981 Infect and Immun 33 (2) Aug 355-363 Wa
Trypanosoma lewisi, basis of host specificity investigated in various mouse strains and in vitro, some parallel experiments with T. musculi, results suggest that principal mechanism responsible for murine resistance to heterologous trypanosomes is type of antibody-dependent granulocyte-mediated immunity involving naturally occurring antibody and probably platelets

Immunity, Native

Attallah AM et al
1980 Internat Arch Allergy and Applied Immunol 63 (3) 351-354 Wa
Schistosoma mansoni, mice, natural killer cells and antibody-dependent cell-mediated components of infection

Immunity, Native

Bienzle U; Guggenmoos-Holzmann I
1979 Immun u Infekt 7 (6) Dec 196-201 Wm
malaria, significance of hereditary red cell traits HbS and G6PD-deficiency in innate resistance

Immunity, Native

Bloom BR; Tanowitz H; Wittner M
1979 Immune Mech and Dis 69-100 Wm; Wa
mechanisms for escape of immune surveillance by parasites, review (old-time genetic engineering; antigenic variation; antigenic mimicry and concomitant immunity; learning to live in your macrophages; jamming the immune response; subversion of the immune system)

Immunity, Native

Brener Z
1980 Advances Parasitol 18 247-292 Wa
Trypanosoma cruzi, human, immunity, extensive review: antigenic constitution; natural immunity; humoral immune response (immunoglobulins; role of antibodies in host resistance; spleen and host resistance; complement; interferon); cell-mediated immune response (tests in vitro; delayed hypersensitivity; CMI and resistance; cytotoxicity mechanisms; macrophages); effects of immunosuppressors in Chagas' disease; immunodepression in course of Chagas' disease; evasion of immune response; auto-immune reactions; vaccination

Immunity, Native

Eugui EM; Allison AC
1980 Parasite Immunol 2 (4) Winter 277-292 Wa
Plasmodium chabaudi, Babesia microti, mice, striking differences in susceptibility to infection among different host strains, these differences do not seem to be related to H-2 constitution but may be correlated with natural killer cell activity in spleen

Immunity, Native

Howard JG; Hale C; Chan-Liew WL
1980 Parasite Immunol 2 (4) Winter 303-314 Wa
Leishmania tropica major, immunogenetic aspects of susceptibility to infection in different strains of mice

Immunity, Native

Irvin AD et al
1981 Internat J Parasitol 11 (3) June 251-255 Wa
Babesia rodhaini and B. microti infections in intact, surgically splenectomized, and congenitally asplenic (Dh/+) mice, differences in susceptibility, Dh/+ mice could prove of value in study of natural killer cell activity; male mice were more susceptible than females

- Immunity, Native
Landolfo S; et al
1980 J Immunol 124 (2) Feb 508-514 Wm
Trichomonas vaginalis, natural cell-mediated cytotoxicity against this parasite in the mouse, tissue, host strain, and host age distribution, some characteristics of effector cells
- Immunity, Native
Pearson RD; Steigbigel RT
1980 J Immunol 125 (5) Nov 2195-2201 Wm
Leishmania donovani, lethal effect of nonimmune human serum occurred by activation of complement membrane attack complex predominantly through classical pathway with binding of both IgG and IgM to promastigotes
- Immunity, Native
Tubaro E et al
1980 Biochem Pharmacol 29 (13) July 1 1945-1948 Wm
Plasmodium berghei-infected mice, xanthine oxidase increase in polymorphonuclear leucocytes and macrophages, possible nonspecific natural defense mechanism
- Immunity, Native
Wehnert SD; Woo PTK
1980 J Wildlife Dis 16 (2) Apr 183-187 Wa
Trypanoplasma salmositica, in vivo (experimental infections) and in vitro (plasma incubation technique, lytic ability of plasma from refractory fishes) studies on host specificity, alternate pathway of complement activation suggested as possible mechanism for providing innate immunity to parasite
- Immunity, Passive
Adams DB; Merritt GC; Cripps AW
1980 Austral J Exper Biol and Med Sc 58 (2) Apr 167-177 Wa
Trichostrongylus colubriformis, immune sheep undergoing challenge infection, intestinal lymph and local antibody and immunoglobulin response, failure to transfer passive protection with either immune serum or immune intestinal lymph
- Immunity, Passive
Adams DB; Rothwell TLW
1980 Cellular Immunol 55 (1) Sept 15 1-11 Wa
Trichostrongylus colubriformis, guinea pigs, adoptive transfer of protective immunity, results suggest that both recirculating lymphocytes and sessile elements in lymph nodes are concerned with immunological memory for the parasite
- Immunity, Passive
Alexander J; Phillips RS
1980 Exper Parasitol 49 (1) Feb 34-40 Wa
Leishmania mexicana, L. tropica major, mice, adoptive transfer of immunity
- Immunity, Passive
Allan D et al
1981 Parasite Immunol 3 (2) Summer 137-142 Wa
Echinococcus granulosus equinus, BALB/c mice infected either by protoscolices or cyst-passage exhibit non-specific suppression that is capable of causing marked and significant suppression to sheep erythrocytes when their mesenteric lymph node cells are adoptively transferred but there is a significant decrease in numbers of Thy-1 cells in these MLNC transplants, possible function of Ly-2,3⁺ cells not only as suppressor but as alloreactive cytotoxic cells discussed as possible autoimmune explanation for longevity of parasite within mouse model
- Immunity, Passive
Behnke JM; Parish HA
1981 Parasite Immunol 3 (3) Autumn 249-259 Wm
Nematospiroides dubius, mice, passive transfer of immunity with immune serum (IS) or immune mesenteric lymph node cells (IMLNC), greater protection in mice which received both IS + IMLNC
- Immunity, Passive
Bell RG; McGregor DD
1980 Infect and Immun 29 (1) July 186-193 Wa
Trichinella spiralis, parabiotic rats used to demonstrate requirement for 2 discrete stimuli for induction of intestinal rapid expulsion response: immunologically specific systemic component (induced by preadults); nonspecific local intestinal component (induced by adult trichinae or by Heligmosomoides polygyrus)
- Immunity, Passive
Biggar RJ; Collins WE; Campbell CC
1980 Am J Trop Med and Hyg 29 (5 pt 1) Sept 720-724 Wa
malaria, infants, frequency of transplacental malarial antibodies, their duration and protectiveness, clinical and serological response to primary infection, indirect immunofluorescent technique using antigens of Plasmodium falciparum, P. ovale, and P. malariae: Accra, Ghana
- Immunity, Passive
Breniere S; Viens P
1980 Canad J Microbiol 26 (9) Sept 1090-1095 Wa
Trypanosoma musculi, pattern of infection and antibody production in baby mice, transfer of immunity from mother mice to litter through milk, specific antibody classes involved
- Immunity, Passive
Brown KN; Hills LA
1979 Bull World Health Organ 57 suppl 1 135-138 Wa
Plasmodium berghei, rats rendered anemic by phenylhydrazine treatment at time of immunization showed significantly greater protection than rats given antigen alone or phenylhydrazine alone, this enhanced response could be adoptively transferred with spleen cells, possibility that autoimmune responses to modified red cell antigens might be involved in protective immunity to malaria
- Immunity, Passive
Brown KN; Hills LA
1981 Tropenmed u Parasitol 32 (2) June 67-72 Wa
Plasmodium berghei, protective immunity in mice and rats is significantly enhanced by phenylhydrazine treatment, this effect generates memory, can be transferred with spleen cells, and can have both enhancing and suppressive action on protective immune response in recipients, implications for role of erythrocyte destruction in protective immunity to malaria
- Immunity, Passive
Cacciapuoti B et al
1981 Boll Ist Sieroterap Milanese 60 (2) May 31, 121-128 Wa
Toxoplasma, prevalence of infection in mothers in labor and their newborn babies vs. prevalence of antitoxoplasma antibodies (indirect immunofluorescence and modified complement fixation tests) in the same pairs, hypothesis of long-lasting passive congenital immunity to Toxoplasma infection: Bergamo, Italy

Immunity, Passive

Campbell CC; Martinez JM; Collins WE
1980 Am J Trop Med and Hyg 29 (2) Mar 151-157
Wa

Plasmodium falciparum, *P. vivax*, longitudinal study of 113 women and their newborns to estimate malaria incidence and indirect fluorescent antibody response to infection, depressed IFA response to *P. falciparum* in 3rd trimester of pregnancy, limited transplacental immunization of newborns, appears that passive immunity can exert little effect on incidence of infant malaria: coastal El Salvador

Immunity, Passive

Capron M et al
1980 Parasite Immunol 2 (3) Autumn 223-235 Wa
Schistosoma mansoni, humans (from Burundi and Brazil), *Erythrocebus patas*, inverse relationship between cytotoxic antibodies and circulating schistosome antigens, probable transfer of cytotoxic antibodies from mother to child through placenta, possible mechanisms for inhibitory role of circulating immune complexes on complement-dependent cytotoxic activity

Immunity, Passive

Carlier Y et al
1980 Am J Trop Med and Hyg 29 (1) Jan 74-81 Wa
Schistosoma mansoni-infected African parturients, their uninfected newborn children, infected men, and infected non-pregnant women, evaluation of circulating soluble antigens (CSA) by sandwich radioimmunoassay, of circulating antibodies (CAB) by indirect hemagglutination, and of immune complexes (CIC) by Clq binding test, results indicate probable transplacental transfer of CSA from mother to fetus and possible modulation of CSA level by specific CAB and CIC formation

Immunity, Passive

Charmot G
1980 Med Trop 40 (6) Nov-Dec 657-665 Wm
Plasmodium falciparum, humans, congenital and genetic factors of resistance to infection in tropical areas, general review: Africa

Immunity, Passive

Dawkins HJS; Grove DI
1981 Immunology 43 (2) June 317-322 Wa
Strongyloides ratti, mice, transfer of resistance to infection with serum and cells

Immunity, Passive

Dean DA; Bukowski MA; Clark SS
1981 Am J Trop Med and Hyg 30 (1 pt 1) Jan 113-120 Wa
Schistosoma mansoni, acquired resistance in infected or irradiated cercaria-immunized mice and in normal mice to which the former had been surgically joined (parabiotic partners), results provide evidence that resistance induced by normal infection and irradiated cercarial immunization differ in some fundamental way

Immunity, Passive

Delgado O et al
1981 Clin Immunol and Immunopathol 19 (3) June 351-359 Wm
cutaneous leishmaniasis, dialyzable leukocyte extract therapy in immunodepressed patients

Immunity, Passive

Denham DA; Suswillo RR
1980 J Trop Med and Hyg 83 (4) Aug 151-156 Wa
Brugia spp., susceptibility of kittens born to non-infected and infected mothers

Immunity, Passive

Dissanayake S; de Silva LVK; Ismail MM
1980 Tr Roy Soc Trop Med and Hyg 74 (4) 542-544
Wa

Wuchereria bancrofti, human, antifilarial antibody in maternal and umbilical cord blood determined by indirect immunofluorescence, enzyme-linked immunosorbent assay, and radioimmunoassay, antibodies were predominantly of IgG type presumably passively transferred from mother, specific IgM antibody detected in some cord blood samples probably in response to transplacental transfer of filarial antigens: Sri Lanka

Immunity, Passive

Doenhoff MJ et al
1981 Tr Roy Soc Trop Med and Hyg 75 (1) 41-53
Wa

Schistosoma mansoni, immunological control of hepatotoxicity and parasite egg excretion, stage specificity of therapeutic effect of immune serum in heavily infected T-cell deprived mice, protection assessed both by recipients' serum transaminase concentrations and degree of cytoplasmic microvesicular damage in livers

Immunity, Passive

Dunne DW et al
1981 Tr Roy Soc Trop Med and Hyg 75 (1) 54-71
Wa

Schistosoma mansoni, identification and partial purification of egg antigen (ω_1) which induces in normal mice synthesis of precipitating antibodies capable of preventing development of hepatotoxic reaction and of enhancing egg excretion in heavily infected T-cell deprived recipient mice

Immunity, Passive

Emery DL
1981 Research Vet Sc 30 (3) May 364-367 Wa
Theileria parva, resistance to lethal challenge transferred between 2 pairs of chimeric bovine co-twins with syngeneic thoracic duct lymphocytes from immunized partner

Immunity, Passive

Flavell DJ; Pattanapanyasat K; Flavell SU
1980 J Helminth 54 (3) Sept 191-197 Wa
Opisthorchis viverrini, hamsters, attempts to adoptively transfer immunity with spleen cells and serum

Immunity, Passive

Freeman RR; Parish CR
1981 Exper Parasitol 52 (1) Aug 18-24 Wa
Plasmodium yoelii, role of antibody in maintenance of immunity in BALB/c mice, serum transfer experiments

Immunity, Passive

Freeman RR; Trejdosiewicz AJ; Cross GAM
1980 Nature London (5754) 284 Mar 27 366-368 Wm
Plasmodium yoelii, monoclonal antibodies recognizing stage-specific merozoite antigens were protective in passive transfer experiments

Immunity, Passive

Guhl F et al
1979 Rev Inst Med Trop S Paulo 21 (4) July-Aug 166-171 Wm
Trypanosoma cruzi-infected mice maintained at 36°C, antibody response, serum from these mice protected recipient mice against lethal infection

Immunity, Passive

Gupta RK et al
1980 *Experientia* 36 (1) Jan 15 128-129 Wm
Hymenolepis nana, mice, transfer of acquired immunity through sensitized peritoneal exudate cells

Immunity, Passive

Hamburger J; Ben-Sasson SA
1981 *Tropenmed u Parasitol* 32 (1) Mar 43-47 Wa
Schistosoma mansoni, comparison of sera from chronically infected mice vs. sera from mice immunized with soluble worm antigen (antibody titers to unmodified and modified schistosomula in indirect fluorescent antibody test; passive protective activity; in vitro cytotoxic antibody activity); induction of antibodies by modified schistosomula, cross-testing of this antisera against modified and unmodified schistosomula

Immunity, Passive

Haroun EM; Hammond JA; Sewell MMH
1981 *Research Vet Sc* 30 (3) May 309-311 Wa
Fasciola hepatica, effects of transferring homologous or heterologous sera between infected donors (rats, rabbits, cattle) and naive recipient rats and rabbits

Immunity, Passive

Hindi RD; Azimi PH
1980 *Pediatrics Am Acad Pediat* 66 (6) Dec 977-979 Wa
Plasmodium falciparum, 3-month-old child, congenital infection, mother diagnosed as having malaria at 6 months of gestation, transplacentally transmitted antibodies may delay onset of infection: California (mother had lived in Nigeria)

Immunity, Passive

Ibeziako PA; Okerengwo AA; Williams AIO
1980 *Internat J Gynaec and Obst* 18 (2) Sept-Oct 147-149 Wm
pregnant Nigerian women on malarial chemoprophylaxis, malarial fluorescent antibody titres throughout pregnancy and in paired maternal and cord blood at delivery, findings show that if malarial prophylactics are used for prolonged period maternal antibody levels will fall, leaving newborns with lowered immunity to malaria

Immunity, Passive

Ibeziako PA; Williams AIO
1980 *Brit J Obst and Gynaec* 87 (11) Nov 976-982 Wm
pregnant Nigerian women on malarial chemoprophylaxis, immunoglobulin levels and malarial fluorescent antibody titres at various stages of gestation and in paired maternal and cord sera at time of delivery, concluded that newborn of mothers on prolonged malarial chemoprophylaxis may have lowered acquired immunity to malaria

Immunity, Passive

Ishaq M; Padma MC; Habibullah CM
1980 *IRCS Med Sc Key Rep Cell and Molec Biol* 8 (5) May 283 Wa
Entamoeba histolytica, adoptive transfer of immunity to infection by immune spleen cells in rats

Immunity, Passive

Kierszenbaum F
1980 *J Parasitol* 66 (4) Aug 673-675 Wa
Trypanosoma cruzi, protection of congenitally athymic mice by passive antibody transfer

Immunity, Passive

Kirkpatrick CH
1980 *CRC Crit Rev Clin Lab Sc* 12 (2) July 87-122 Wa
transfer factor, extensive review, includes information on *Eimeria* and leishmaniasis

Immunity, Passive

Klesius PH
1981 *Advances Exper Med and Biol* 137 293-323 Wa
modulation of cell-mediated responses with dialyzable leukocyte extract containing transfer factor, review, includes information on parasitic diseases

Immunity, Passive

Klesius PH; Fudenberg HH; Smith CL
1980 *Comp Immunol Microbiol and Infect Dis* 3 (3) 247-260 Wa
comparative studies on dialyzable leukocyte extracts containing transfer factor, review, includes some information on parasites

Immunity, Passive

Kloosterman A; Benedictus J; Aghina H
1980 *Vet Parasitol* 7 (2) Sept 133-142 Wa
Cooperia oncophora, cattle, colostral transfer of anti-nematode antibodies demonstrated using indirect fluorescent antibody technique and indirect haemagglutination test but calves not protected against challenge at 2.5 to 4 months

Immunity, Passive

Londner MV et al
1981 *Ztschr Parasitenk* 65 (2) 163-166 Wa
Plasmodium berghei, mice (exper.), adoptive transfer of immunity with spleen and bone marrow cells following busulfan and cyclophosphamide treatment

Immunity, Passive

Lyngset A
1980 *Lab Animal Sc* 30 (3) June 558-561 Wa
Encephalitozoon cuniculi antibodies in breeding rabbits, India ink immunoreaction test, antibodies passively transmitted to young, age changes in antibody titers, possible prenatal or postnatal infection

Immunity, Passive

McDonald V; Phillips RS
1980 *Exper Parasitol* 49 (1) Feb 26-33 Wa
Plasmodium chabaudi, adoptive transfer of immunity with different spleen cell populations and development of protective activity in serum of lethally irradiated recipient mice

Immunity, Passive

McDonald V; Sherman IW
1980 *Exper Parasitol* 49 (3) June 442-454 Wa
Plasmodium chabaudi, mice, immunization, protection, humoral and cell-mediated responses, passive transfer experiments, depressed delayed-type hypersensitivity reactions but increased titers of malarial antibody after challenge

Immunity, Passive

McHardy N
1980 Parasitology 80 (3) June 471-478 Wa
Trypanosoma cruzi, mice, passive protection with convalescent mouse plasma against blood- or vector bug-derived trypomastigote challenge

Immunity, Passive

Mangold BL; Knopf PM
1981 Parasitology 83 (3) Dec 559-574 Wa
Schistosoma mansoni, rats, host protective humoral immune responses, kinetics of hyper-immune serum-dependent sensitivity and elimination of schistosomes in passive transfer system

Immunity, Passive

Miller HRP
1980 Immunology 40 (3) July 325-334 Wa
Nippostrongylus brasiliensis, expulsion from rats passively protected with serum, efficacy of sera from singly and multiply infected donors related to time of administration and volume of serum injected

Immunity, Passive

Mishaeva NP; Votjakov VI; Tarasenko AB
1981 Zhurnal Mikrobiol Epidemiol i Immunobiol (3) Mar 35-39 Wa
Ixodoidea, laboratory animals, transfer of resistance to tick attachment and feeding with serum and lymphocytes obtained from animals immune to uninfected ticks, effect on transmission of tick-borne encephalitis virus

Immunity, Passive

Mitchell GBB et al
1981 Research Vet Sc 30 (2) Mar 246-247 Wa
Fasciola hepatica, rats, successful passive transfer of resistance by immune serum (from sheep) and transfer factor (from rats but not from sheep or calves)

Immunity, Passive

Mitchell GF; Rajasekariah GR; Rickard MD
1980 Immunology 39 (4) Apr 481-489 Wa
Taenia taeniaeformis, proposed mechanism of immunologically-mediated genetically-based mouse strain variation in resistance; evidence that both IgG1 and IgG2 fractions of 'immune serum' are required for full expression of passive protection of nude mice

Immunity, Passive

Moqbel R; Wakelin D
1981 Parasite Immunol 3 (3) Autumn 181-189 Wm
Strongyloides ratti, rats, adoptive transfer of immunity with mesenteric lymph node cells

Immunity, Passive

Murrell KD
1981 J Parasitol 67 (2) Apr 167-173 Wa
Strongyloides ratti, rats, protective role of IgG

Immunity, Passive

Nawa Y et al
1981 Immunology 44 (1) Sept 119-123 Wa
Nippostrongylus brasiliensis, rats, adoptive transfer of total and parasite-specific IgE responses with immune thoracic duct lymphocytes

Immunity, Passive

Neilson JTM; Crandall CA; Crandall RB
1981 Acta Trop 38 (3) Sept 309-318 Wa
Dipetalonema viteae-infected hamsters (3 strains differing in susceptibility), serum immunoglobulin and antibody levels, passive transfer of resistance with serum or cells

Immunity, Passive

Nogueira N et al
1981 Exper Parasitol 51 (3) June 325-334 Wa
Trypanosoma cruzi, relative resistance of several inbred mouse strains to Y and CL parasite strains, acquired immunity following sublethal infection, passive transfer of resistance by spleen cells generating macrophage activating factor(s), role of T-cell-enriched immune cells in passive transfer of resistance in vivo and lymphokine production in vitro, relative ability of spleen cells from different strains of mice to generate macrophage activating factor(s) during infection, histological appearance of organs from infected mice

Immunity, Passive

Olveda RM; Olds GR; Mahmoud AAF
1981 Am J Path (471) 104 (2) Aug 150-158 Wa
Schistosoma mansoni-infected and uninfected mice, quantification of pulmonary inflammatory response around schistosomula, correlation with acquired resistance, augmented inflammation and enhanced protection induced by prior sensitization with dead schistosomula or eggs and by adoptive transfer of serum, serum activity shown to reside in fraction containing IgG₁

Immunity, Passive

Orjih AU; Cochrane AH; Nussenzweig RS
1981 Nature London (5813) 291 May 28-June 4 331-332 Wa
Plasmodium berghei, protection against sporozoite-induced infection of very young and adult mice immunized intramuscularly with radiation-attenuated sporozoites, protection against sporozoite-induced infection of infants born to and nursed by sporozoite-immunized adult female mice

Immunity, Passive

Phillips SM; Reid WA
1980 Internat J Nuclear Med and Biol 7 (2) 173-186 Wa
Schistosoma mansoni, rats, effect of exposure to various immunizing regimens upon subsequent resistance, studies on mechanism for development of optimal protective immunity

Immunity, Passive

Potocnjak P et al
1980 J Exper Med 151 (6) June 1 1504-1513 Wa
Plasmodium berghei, monoclonal antibodies to sporozoite surface antigen and monovalent fragments of this antibody, effects on sporozoites in vitro (neutralizing assay; circumsporozoite precipitation reaction), protective effects in vivo (mice)

Immunity, Passive

Poulter LW
1980 Clin and Exper Immunol 39 (1) Jan 14-26 Wa
Leishmania enriettii, guinea pigs, adoptive immunization, evidence that basis of protective immune response may change during course of disease from purely cell-mediated mechanism to one involving protective antibody

- Immunity, Passive
Reed SG
1980 Infect and Immun 28 (2) May 404-410 Wa
Trypanosoma cruzi, mice, adoptive transfer of resistance to acute infection with T-lymphocyte-enriched spleen cells
- Immunity, Passive
Rezai HR; Farrell J; Soulsby EL
1980 Clin and Exper Immunol 40 (3) June 508-514 Wa
L[eishmania] donovani, parasite burdens in liver and spleen of various strains of mice, development of resistance, development of antibody, skin reactivity, adoptive transfer of cells and antibody
- Immunity, Passive
Ross JG; Duncan JL; Halliday WG
1979 Research Vet Sc 27 (2) Sept 258-259 Wa
Haemonchus contortus, 4- and 7-month-old lambs, comparison of resistance conferred by irradiated larvae and transfer factor treatment
- Immunity, Passive
Ross JG; Halliday WG
1981 Vet Research Commun 4 (4) Apr 287-290 Wa
Trichostrongylus axei, sheep, passive transfer of immunity, specificity and limitations of 'transfer factor' activity
- Immunity, Passive
Ruebush MJ; Hanson WL
1980 Cellular Immunol 52 (2) July 1 255-265 Wa
Babesia microti, human-derived Peabody strain, adoptive transfer of immunity from infected mice to naive mice with lymph node and spleen cells, evidence for T-lymphocyte dependence of immunologic memory
- Immunity, Passive
Ryu E; Shaey KC
1981 Internat J Zoonoses 8 (1) June 91-96 Wm
Trypanosoma gambiense, inactivated vaccine treated with natural zeolite completely protected rabbits from challenge inoculation with homologous viable parasites, passive protection afforded to mice decreased slightly 1-2 weeks after immunization although agglutination titers of immune serum remained high
- Immunity, Passive
Sanghvi PK; Vyas M; Johri GN
1980 Indian J Exper Biol 18 (8) Aug 864-866 Wa
Nematospiroides dubius, mice, transfer of acquired immunity using singly sensitized peritoneal exudate cells
- Immunity, Passive
Scott MT
1981 Parasite Immunol 3 (3) Autumn 209-218 Wm
Trypanosoma cruzi, mice recovered from acute infection, results from cell fractionation and passive transfer studies indicate that protective immunity is predominantly B cell-mediated with T cell involvement being restricted to helper role
- Immunity, Passive
Shubber AH; Lloyd S; Soulsby EJJ
1981 Ztschr Parasitenk 65 (2) 181-189 Wa
Nematospiroides dubius, mice, immunization, effect of lactation on protective immune response to challenge infection, colostral transfer of immunity to offspring; Haemonchus contortus, ewes (exper.), effect of pregnancy and lactation on immune response
- Immunity, Passive
Sutton RJ
1979 Research Vet Sc 27 (2) Sept 197-199 Wa
Taenia ovis, lambs, passive transfer of immunity via colostrum
- Immunity, Passive
Takehara HA et al
1981 Exper Parasitol 52 (1) Aug 137-146 Wa
Trypanosoma cruzi, mice, role of different antibody classes in protection against infection, passive transfer experiments
- Immunity, Passive
Tanner M; Weiss N
1979 Tropenmed u Parasitol 30 (3) Sept 371-375 Wa
Dipetalonema viteae, hamsters, passive transfer of immunity to circulating microfilariae by spleen cells
- Immunity, Passive
Trischmann TM; Bloom BR
1980 Exper Parasitol 49 (2) Apr 225-232 Wa
Trypanosoma cruzi, passive protection of mice with immune T-cell-enriched and -depleted lymphocyte populations and unfractionated immune spleen cells
- Immunity, Passive
Underdown BJ et al
1981 J Immunol 126 (2) Feb 669-672 Wm
Giardia muris in C3H/He (susceptible) vs. BALB/c (resistant) mice, ability to resist 2nd infection at various times after drug cure of primary infection, ability of infected females to protect their suckling neonates from challenge infection
- Immunity, Passive
Vardhani VV; Johri GN
1981 Internat J Parasitol 11 (2) Apr 145-147 Wa
Ancylostoma caninum, migratory behavior and survival pattern of larvae in adoptively immunized mice
- Immunity, Passive
Vardhani VV; Johri GN
1981 J Hyg Epidemiol Microbiol and Immunol 25 (2) 150-154 Wa
Ancylostoma caninum, mice, adoptive immunization with mesenteric lymph node cells, results of challenge 28 days after cell transfer
- Immunity, Passive
Vinayak VK et al
1981 Ann Trop Med and Parasitol 75 (2) Apr 265-267 Wa
Giardia lamblia, mice, adoptive transfer of immunity with immune spleen cells, immune serum failed to protect mice from infection
- Immunity, Passive
Vyas S; Vardhani VV; Johri GN
1981 Indian J Exper Biol 19 (8) Aug 752-753 Wa
Ancylostoma caninum, mice, adoptive transfer of immunity with sensitized lymphoid cells
- Immunity, Passive
Wakelin D; Donachie AM
1980 Parasite Immunol 2 (4) Winter 249-260 Wa
Trichinella spiralis, adoptive transfer of immunity between inbred strains of mice characterized by rapid and slow immune expulsion used to analyze role of immune and inflammatory events in determining strain-characteristic time of worm expulsion

Immunity, Passive

- Wakelin D; Donachie AM
1981 Immunology 43 (4) Aug 787-792 Wa
Trichinella spiralis, adoptive transfer experiments in mouse radiation chimaeras, results indicate that genetic control of worm expulsion is expressed at level of bone marrow-derived cell population and is independent of lymphocyte responsiveness

Immunity, Passive

- Woo PTK
1981 Parasitology 83 (2) Oct 343-346 Wa
Trypanosoma danilewskyi in Carassius auratus, effects of inoculum size on host mortality, all surviving fish were protected from re-infection, plasma from these fish can passively transfer immunity to naive fish and neutralize infectivity of trypanosomes incubated in vitro

Immunity, Phagocytosis See Phagocytosis

Immunity, Precipitation

- Abdalla RE
1980 Ann Trop Med and Parasitol 74 (4) Aug 415-419 Wa
visceral leishmaniasis, human, serodiagnosis, immunofluorescence, immunodiffusion, counter-immunoelectrophoresis

Immunity, Precipitation

- Abuzeid Y et al
1977 Ain Shams Med J 28 (5-6) Sept-Nov 393-395 Wm
schistosomal granuloma of spinal cord vs. non-schistosomal granuloma, histopathology, results of circumoval precipitin test and clinical features of 2 cases compared: Egypt

Immunity, Precipitation

- Aikat BK et al
1979 Indian J Med Research 70 Oct 592-597 Wa
kala-azar, diagnosis in human subjects sampled from endemic area, counter immunoelectrophoresis, distinct relationship between test positivity, splenic size, and duration of illness, comparison with other serological tests: Bihar

Immunity, Precipitation

- Alper EI; Littler C; Monroe LS
1976 Am J Gastroenterol 65 (1) Jan 63-67 Wm
E[ntamoeba] histolytica, humans, diagnosis, counter-electrophoresis using axenic antigen gives results in close agreement with agar gel diffusion precipitin and latex agglutination

Immunity, Precipitation

- Blumencranz HJ; Sheehan DJ; LeLeiko NS
1981 N England J Med 305 (11) Sept 10 647 Wa
Entamoeba histolytica, human, false-positive reactions in counterimmunoelectrophoresis test

Immunity, Precipitation

- Bos HJ et al
1980 Am J Trop Med and Hyg 29 (3) May 358-363 Wa
Entamoeba histolytica in 9 populations, sero-epidemiology, enzyme-linked immunosorbent assay, precipitin tests, age distribution: Surinam, South America

Immunity, Precipitation

- Chatterjee RK et al
1978 Indian J Med Research 67 Jan 34-41 Wa
Chandlerella hawkingi, antiserum raised in rabbits, precipitating and complement-fixing antibodies, antigenic mosaic, cross reactions with Litomosoides carinii and Wuchereria bancrofti, possibility of using avian filarial antigens in diagnosis of human filariasis

Immunity, Precipitation

- Conder GA; Andersen FL; Schantz PM
1980 J Parasitol 66 (4) Aug 577-584 Wa
Echinococcus granulosus, sheep (exper.), immunodiagnosis, evaluation of double diffusion, immunoelectrophoresis, indirect hemagglutination, and intradermal tests, some cross-reactions with serum from Taenia hydatigena-infected sheep

Immunity, Precipitation

- Constantinescu G; Capraru T
1980 Arch Roumaines Path Exper et Microbiol 39 (1) Jan-Mar 41-47 Wa
Trichinella spiralis, diagnosis, micro precipitation test performed on human and animal sera, comparison of frozen, lyophilized, and live antigen

Immunity, Precipitation

- Cordingley JS; Turner MJ
1980 Molec and Biochem Parasitol 1 (3) June 129-137 Wa
Trypanosoma brucei brucei, isolation of variant specific antigen mRNA by immunoprecipitation of polysomes

Immunity, Precipitation

- Croft SL; Schnur LF
1979 Ann Trop Med and Parasitol 73 (6) Dec 535-546 Wa
Leishmania braziliensis braziliensis vs. L. hertigi hertigi, light and electron microscopic study of agglutinated bodies formed on growing promastigotes in their homologous antisera to determine role of leishmanial excreted factor in Noguchi-Adler phenomenon

Immunity, Precipitation

- Cruise KM et al
1981 Austral J Exper Biol and Med Sc 59 (4) Aug 503-514 Wa
Schistosoma japonicum, murine hybridoma-derived antibodies producing circumoval precipitation reactions with eggs

Immunity, Precipitation

- Dada BJO; Adegboye DS; Mohammed AN
1981 J Helminth 55 (3) Sept 197-202 Wa
hydatidosis, camels, diagnosis, relative sensitivity and specificity of indirect haemagglutination, Ouchterlony's double diffusion, and counter-current immunoelectrophoresis tests

Immunity, Precipitation

- Damian RT et al
1981 Am J Trop Med and Hyg 30 (4) July 836-843 Wa
Schistosoma mansoni, multiply-infected Papio cynocephalus, antibody responses, immunoglobulin classes (enzyme-linked immunosorbent assay, slide flocculation, circumoval precipitation, passive cutaneous anaphylaxis, and opsonization tests), immediate hypersensitivity responses (cercarial dermatitis, direct skin testing with adult worm antigen)

- Immunity, Precipitation
Das SR; Kidwai SA; Gupta AK
1979 J Biosc 1 (3) Sept 255-262 Wa
axenic *Entamoeba histolytica*, preparation of standard amoeba-antigen by ultrasonication of trophozoites, use in serodiagnosis and seroepidemiology of amoebiasis in patients
- Immunity, Precipitation
Dasgupta A et al
1980 J Helminth 54 (2) June 83-86 Wa
Wuchereria bancrofti, human, immunodiagnosis, detection of precipitin antibody and soluble circulating antigen by counterimmunoelectrophoresis using *Litomosoides carinii* antigen/antibody system
- Immunity, Precipitation
Deelder AM; Kornelis D
1981 Trop and Geogr Med 33 (1) Mar 36-41 Wa
Schistosoma mansoni, humans, immunodiagnosis of recently acquired infection, comparison of various immunological techniques
- Immunity, Precipitation
Demaree R; Hillyer GV
1981 Exper Parasitol 52 (1) Aug 77-85 Wa
Schistosoma spp., transmission electron microscopy of circumoval immune precipitin reaction on eggs
- Immunity, Precipitation
Demaree RS jr; Hillyer GV
1981 Am J Trop Med and Hyg 30 (2) Mar 402-405 Wa
Schistosoma mansoni, immunoperoxidase localization by electron microscopy of soluble egg antigen and human IgG in circumoval precipitin reactions around eggs
- Immunity, Precipitation
Druilhe P et al
1980 Ann Soc Belge Med Trop 60 (4) Dec 349-354 Wa
Plasmodium cynomolgi bastianellii, accidental infection of 2 laboratory workers, case reviews, usefulness of fluorescent antibody test and counterimmunoelectrophoresis in differentiating *Plasmodium* species
- Immunity, Precipitation
Duffus WPH; Wagner GG
1980 Vet Parasitol 6 (4) Mar 313-324 Wa
Theileria parva, cattle (nat. and exper.), immunodiagnosis, comparison of 5 serological tests using piroplasm antigen (indirect fluorescent antibody, indirect haemagglutination, complement fixation, capillary agglutination, and immunodiffusion)
- Immunity, Precipitation
Dunne DW et al
1981 Tr Roy Soc Trop Med and Hyg 75 (1) 54-71 Wa
Schistosoma mansoni, identification and partial purification of egg antigen (ω_1) which induces in normal mice synthesis of precipitating antibodies capable of preventing development of hepatotoxic reaction and of enhancing egg excretion in heavily infected T-cell deprived recipient mice
- Immunity, Precipitation
Felgner P et al
1981 Tropenmed u Parasitol 32 (3) Sept 134-140 Wa
Trypanosoma brucei gambiense, human, prevalence by age and sex, parasitological examination (hematocrit centrifugation technique, subinoculation into *Mastomys natalensis*, miniature anion exchange centrifugation method), immunodiagnostic examination (enzyme-linked immunosorbent assay, indirect immunofluorescent test, radial immunodiffusion for IgM concentrations): Ivory Coast; Upper Volta
- Immunity, Precipitation
Fisher WF; Wilson GI
1977 J Med Entom 14 (2) Nov 25 146-151 Wa
Psoroptes ovis infested- and uninfested-cattle, precipitating antibodies in sera demonstrated by agar-gel diffusion when tested against *P. ovis* and *P. cuniculi* extracts, agar-gel diffusion tests on sera of cattle infested with other arthropods compared
- Immunity, Precipitation
Fleury P et al
1980 J Franc Ophtal 3 (8-9) 503-506 Wm
Loa loa, ocular loaiasis in young woman after camping trip in Equatorial Africa, case report, clinical aspects, diethylcarbamazine therapy, importance of immunological diagnostic techniques: France
- Immunity, Precipitation
Flisser A; Woodhouse E; Larralde C
1980 Clin and Exper Immunol 39 (1) Jan 27-37 Wa
Cysticercus cellulosae, human, evaluation of immunoelectrophoresis as diagnostic tool (about 50% non-responders), cysticercus antigens recognized by man, human immunoglobulins among anti-cysticercus antibodies
- Immunity, Precipitation
Ford JW; Hillyer GV; Connelly TG
1980 Am J Trop Med and Hyg 29 (6) Nov 1246-1248 Wa
Schistosoma mansoni, circumoval precipitin reaction on eggs as seen by scanning electron microscopy
- Immunity, Precipitation
Francis DH; Buening GM; Amerault TE
1980 Am J Vet Research 41 (3) Mar 362-367 Wa
Anaplasma marginale, cattle, evaluation of potential of dodecanoic acid conjugation of vaccines in limiting isoimmune response; characterization of humoral immune responses to *Anaplasma* and erythrocyte components of *Anaplasma* vaccine
- Immunity, Precipitation
Fuchs V et al
1981 Ceskoslov Gynek 46 (1) Feb 7-11 Wm
pregnant women who had undergone amniocentesis for possible genetic problems of fetuses, serological diagnostic tests showed higher than average positive reactions for toxoplasmosis
- Immunity, Precipitation
Fujisaki K; Takeuchi S; Kitaoka S
1980 Japan J Vet Sc 42 (5) Oct 587-593 Wa
Haemaphysalis longicornis, rabbits repeatedly infested with female ticks, development of acquired resistance and production of precipitating and complement-fixing antibodies

Immunity, Precipitation

Fujisaki K; Takeuchi S; Kitaoka S
1981 Eisei Dobutsu (Japan J San Zool) 32 (1)
Mar 15 1-6 Wa
Haemaphysalis longicornis, localization of antigenic substances in tick organs using rabbit antiserum in double gel-diffusion and indirect immunofluorescence tests, no resistance developed in rabbits

Immunity, Precipitation

Galant SP et al
1980 South Med J 73 (4) Apr 435-437 Wm
Toxocara canis, diagnostic considerations, especially in children with eosinophilia, pica, and pet dogs, suggested immunoserological tests

Immunity, Precipitation

Ganguly NK et al
1980 Indian J Med Research 71 Feb 213-216 Wa
Entamoeba histolytica, humans with hepatic abscesses, presence of amoebic antigen demonstrated by counter immunoelectrophoresis, possible role in formation of immune complexes

Immunity, Precipitation

Geerts S et al
1981 Vet Parasitol 8 (4) Sept 299-307 Wa
Taenia saginata cysticercosis in cattle (nat. and exper.), diagnosis, comparative evaluation of immunoelectrophoresis, counterimmunoelectrophoresis, and enzyme linked immunosorbent assay (T. saginata used as antigen for first 2, T. crassiceps for ELISA), also tested against sera of cattle and sheep with other helminth infections, some cross-reactions, none of 3 tests sufficiently reliable to make diagnosis on individual basis, may be useful for diagnosis on herd basis

Immunity, Precipitation

Geerts S; Kumar V; Aerts N
1980 Ann Soc Belg Med Trop 60 (2) June 173-182 Wa
Taenia saginata cysticercosis, cattle (exper.), rapid diagnosis using counterimmunoelectrophoresis, procedural details, comparisons with immunoelectrophoresis method, few cross reactions with other parasitic infections

Immunity, Precipitation

Gondo M et al
1979 Neurol Med Chir 19 (12) Dec 1213-1218 Wm
Paragonimus westermani, 8-year-old boy who had eaten wild boar meat, case report, cerebral infections with associated epilepsy and hemiparesis, diagnosis using CT scan, immunoelectrophoresis, and skin tests

Immunity, Precipitation

Handman E; Mitchell GF; Goding JW
1981 J Immunol 126 (2) Feb 508-512 Wm
Leishmania tropica, identification and characterization of antigens, protein and immunoprecipitate patterns of 4 isolates analyzed by 2 dimensional gel electrophoresis, significance of findings for classification of Leishmania spp. and pathogenesis of different disease states that they cause

Immunity, Precipitation

Harrison LJS; Sewell MMH
1980 Vet Immunol and Immunopath 1 (4) Dec 361-369 Wa
Taenia saginata, antigenic activity of chromatographic fractions of saline extract of proglottides, haemagglutination inhibition and precipitation tests

Immunity, Precipitation

Hillyer GV et al
1980 Am J Trop Med and Hyg 29 (6)
Nov 1254-1257 Wa
Schistosoma haematobium, S. mansoni, humans, single or mixed infections, immunodiagnosis, comparison of circumoval precipitin test, Ouchterlony immunodiffusion, and enzyme-linked immunosorbent assay: Egypt

Immunity, Precipitation

Hillyer GV et al
1981 Am J Trop Med and Hyg 30 (1 pt 1) Jan 121-126 Wa
Schistosoma mansoni, S. haematobium, human, serodiagnosis, circumoval precipitin test, complete cross-reactivity between species, S. haematobium eggs from urine can be used, serum obtained by venipuncture is preferable to serum eluates obtained from blood on filter paper

Immunity, Precipitation

Hillyer GV; Allain D
[1980] J Parasitol 65 (6) Dec 1979 960-963 Issued Apr 2 Wa
Fasciola hepatica, rabbits, comparison of counter-electrophoresis, Ouchterlony immunodiffusion, and indirect hemagglutination for detecting infection and determining chemotherapeutic success

Immunity, Precipitation

Hillyer GV; Kagan IG
1980 Bol Asoc Med Puerto Rico 72 (3) Mar 117-125 Wm
counterimmunoelectrophoresis, use in diagnosing parasitic infections, review

Immunity, Precipitation

Hillyer GV; Llubes R; Ramirez Ronda C
1981 Bol Asoc Med Puerto Rico 73 (2) Feb 50-55 Wm
Schistosoma mansoni, humans, incidence survey (by age and sex) using the circumoval precipitin test, findings suggest that infection is more widespread than previously reported: Puerto Rico

Immunity, Precipitation

Hillyer GV; Pelley RP
1980 Am J Trop Med and Hyg 29 (4) July 582-585 Wa
Schistosoma mansoni, monoclonal hybridoma antibody to major serological egg antigen (anti-MSA₁) reacted with schistosome eggs forming circumoval precipitate, precipitate was seen when anti-MSA₁ was incubated with S. mansoni, S. haematobium, and S. japonicum eggs

Immunity, Precipitation

Hillyer GV; Rivera Marrero G
1980 Am J Trop Med and Hyg 29 (6) Nov 1249-1253 Wa
Schistosoma mansoni, development of antiserum reactive with eggs by circumoval precipitin (COP) test, antigens and immunoglobulins involved in COP reaction

- Immunity, Precipitation
Hillyer GV; Sagramoso de Ateca L
1980 Am J Trop Med and Hyg 29 (4) July 598-601
Wa
Schistosoma mansoni or Fasciola hepatica in mice, antibody responses to antigen preparations from both species, Ouchterlony immunodiffusion, circumoval precipitin test, enzyme-linked immunosorbent assay, indirect hemagglutination
- Immunity, Precipitation
Hillyer GV; Santiago de Weil N
1981 Internat J Parasitol 11 (1) Feb 71-78 Wa
Fasciola hepatica, mice, rats, rabbits, counterelectrophoresis useful for serodiagnosis and for predicting chemotherapeutic success; F. hepatica antigens cross react with antisera to S[chistosoma] mansoni adult worms or eggs
- Immunity, Precipitation
Ho Y; Yang H
1979 Tung Wu Hsueh Pao (Acta Zool Sinica) 25 (4) Dec 304-310 Wa
Schistosoma japonicum, embryonic development, histology and histochemistry, nature of in vivo circumoval precipitates
- Immunity, Precipitation
Hu X et al
1980 Chinese Med J 93 (8) Aug 557-561 Wm
Paragonimus skrjabini, humans, pre- and post-treatment diagnostic evaluation of counter-immunoelectrophoresis technique vs. agar gel diffusion: areas of Sichuan, China
- Immunity, Precipitation
Hutchinson GW; Wanduragala L
1981 Vet Parasitol 8 (4) Sept 319-325 Wa
Stephanurus dentatus, pigs (nat. and exper.), immunodiffusion, immunoelectrophoresis, concluded that these tests have limited usefulness in serodiagnosis of naturally occurring stephanuriasis
- Immunity, Precipitation
Iacona A; Pini C; Vicari G
1980 Am J Trop Med and Hyg 29 (1) Jan 95-102 Wa
human hydatid disease, serodiagnosis, evaluation of enzyme-linked immunosorbent assay, comparison with indirect hemagglutination, double diffusion, and immunoelectrophoresis
- Immunity, Precipitation
Ilardi I; Petracca C
1979 Ann Sclavo 21 (4) July-Aug 568-572 Wm
Entamoeba histolytica, humans, diagnosis, gel diffusion precipitin test vs. fluorescent antibody test, both recommended
- Immunity, Precipitation
Ivanovic D
1980 Rev Med Chile 108 (10) Oct 918-920 Wm
Cysticercus cellulosae, humans, diagnosis, counter immunoelectrophoresis test recommended for use with sera but not with cerebrospinal fluid
- Immunity, Precipitation
Jain P; Sawhney S; Vinayak VK
1980 Tr Roy Soc Trop Med and Hyg 74 (3) 347-350
Wa
Entamoeba histolytica, guinea pigs immunized with low grade infection, protection against subsequent challenge, humoral (indirect haemagglutination and counterimmunoelectrophoresis tests) and cell-mediated (macrophage migration inhibition test) immune responses in immunized and unimmunized animals
- Immunity, Precipitation
Janechaiwat J et al
1980 J Med Ass Thailand 63 (8) Aug 439-447 Wm
Opisthorchis viverrini, immunoelectrophoresis test used to diagnose infection in man and to follow course of humoral immune response in hamsters infected with metacercariae; some cross reactions in humans infected with Mekong schistosomiasis or gnathostomiasis
- Immunity, Precipitation
Jepsen S; Axelsen NH
1980 Acta Path et Microbiol Scand 88C (5) Oct 263-270 Wa
Plasmodium falciparum, human, antigens and antibodies studied by immunoelectrophoretic methods
- Immunity, Precipitation
Kagan IG; Norman L
1979 Rev Iber Parasitol 39 (1-4) Jan-Dec 153-164
Wa
Echinococcus granulosus, E. multilocularis, human, diagnosis, evaluation of antigens using the indirect hemagglutination, double diffusion, and immunoelectrophoresis tests
- Immunity, Precipitation
Kaiser H; Skofitsch G
1981 Zool Jahrb Jena Abt Syst 108 (1) 70-83 Wa
Hexameris sp., H. lineata, Mermis nigrescens, Pheromermis sp., disc electrophoresis of proteins, reactions in gel diffusion tests with antiserum against Hexameris sp., correlation of these characters with morphologic and biologic characters, implications for taxonomy and phylogeny of Mermithidae
- Immunity, Precipitation
Kaliraj P et al
1981 J Helminth 55 (2) June 133-139 Wa
Wuchereria bancrofti, utility of human filarial serum immunoglobulin in detecting circulating antigen in filarial sera studied by counter immunoelectrophoresis and indirect haemagglutination test
- Immunity, Precipitation
Kamiya H et al
1980 Japan J Exper Med 50 (5) Oct 375-382 Wa
Schistosoma japonicum, prevalence in Rattus rattus mindanensis by month, host age, and host sex, distribution of eggs in various organs, COP reaction of sera, prevalence of cercariae in Oncomelania quadrasi by month: Dagami, Leyte, Philippines
- Immunity, Precipitation
Kariiev TM; Averianova AA; Islambekov ES
1980 Klin Med Moskva 58 (11) 38-40 Wm
echinococcosis, humans, diagnosis, double gel diffusion test, highly sensitive and specific

Immunity, Precipitation

Khalil HM et al
1979 J Egypt Pub Health Ass 54 (3) 126-137 Wm
Ascaris, Toxocara, human, precipitin absorption
test is useful tool for mass seroepidemiological
survey: Egypt

Immunity, Precipitation

Knopf PM et al
1979 Austral J Exper Biol and Med Sc 57 (6) 603-
615 Wa
Plasmodium berghei, Babesia rodhaini, mice,
incorporation of radioactive precursors into
macromolecular products of red cells, analysis
of biosynthetically labelled products by poly-
acrylamide gel electrophoresis; immunoprecipi-
tation of biosynthetic products using P.
berghei 'protective' or 'non-protective' mouse
sera in attempt to identify 'host-protective
antigens'

Immunity, Precipitation

Kohanteb J; Ardehali S; Rezai HR
1980 Tr Roy Soc Trop Med and Hyg 74 (5) 582-584
Wa
Leishmania spp. promastigotes, antigenic rela-
tionships determined using electroimmunodiffu-
sion and crossed electroimmunodiffusion tests

Immunity, Precipitation

Lamina J
1979 Rev Med Chile 107 (3) Mar 236-238 Wm
visceral larva migrans of Toxocara canis,
Trichinella spiralis, humans, diagnosis, effi-
cacy of microprecipitation test using live
larvae vs. agar gel precipitation technique

Immunity, Precipitation

Lamina J
1980 Deutsche Med Wchnschr 105 (22) May 30 796-
799 Wa
Toxocara spp. causing human visceral larva mi-
grans, diagnosis, antibodies demonstrated using
Ouchterlony and microprecipitation techniques
with heterologous antigens, clinical symptoms
and other clinical aspects

Immunity, Precipitation

Le Bras J et al
1980 Ann Soc Belge Med Trop 60 (2) June 163-171
Wa
Dracunculus medinensis, infected human serum,
specific antibody pattern without cross reac-
tion with other parasitic infections, study
used several immunodiagnostic tests

Immunity, Precipitation

Lehner RP; Sewell MMH
1980 Parasite Immunol 2 (2) Summer 99-109 Wa
Fasciola hepatica, antigens produced by adult
flukes maintained in vitro, reactions using
sera from infected animals in immunodiffusion
and enzyme linked immunosorbent assay

Immunity, Precipitation

Levine DM; Hillyer GV; Flores SI
1980 Am J Trop Med and Hyg 29 (4) July 602-608
Wa
Fasciola hepatica, mice and rabbits given and
not given chemotherapy, diagnosis, comparison
of counter-electrophoresis (CEP), enzyme-linked
immunosorbent assay (ELISA), and Kato thick-
smear stool examinations, ELISA was most sen-
sitive in detecting early infection but CEP
was best indicator of chemotherapeutic success

Immunity, Precipitation

Lewert RM et al
1980 Am J Trop Med and Hyg 29 (3) May 431-434
Wa
Schistosoma japonicum, human, 'atypical' pre-
cipitates in circumoval precipitin test are
indicative of recently acquired infections:
Barrio San Antonio, Basey, Samar, Philippines

Immunity, Precipitation

Lin TM et al
1981 J Clin Microbiol 13 (4) Apr 646-651 Wa
Entamoeba histolytica, human, simple
standardized enzyme-linked immunosorbent
assay, high degree of correlation with agar
gel diffusion, counter-electrophoresis, and
indirect hemagglutination methods as well as
with clinical data

Immunity, Precipitation

Long GW et al
1980 Am J Trop Med and Hyg 29 (6) Nov 1241-1245
Wa
Schistosoma japonicum, humans, mice, analysis
of immunoglobulins responsible for circumoval
precipitation reaction, results suggest that
antibody class alone is not responsible for
differences between 2 morphologically distinct
types of this reaction

Immunity, Precipitation

McColm AA; Trigg PI
1981 Ztschr Parasitenk 64 (3) 353-357 Wa
Plasmodium knowlesi, temperature sensitivity
and variant specificity of antigens released
in vitro and comparison with antigenic
material released in vivo, double-diffusion
analysis

Immunity, Precipitation

Mahajan RC; Ganguly NK
1980 Tr Roy Soc Trop Med and Hyg 74 (3) 300-302
Wa
Entamoeba histolytica, human, liver abscess,
immunodiagnosis and prognosis, detection of
amebic antigen in liver pus/biopsy specimens
and serum by counter-immunoelectrophoresis,
correlation between amebic antigen positivity
and indirect haemagglutination seropositivity,
possible role of amebic antigen in immune com-
plex formation and pathogenesis

Immunity, Precipitation

Mansueto S et al
1979 Ann Sclavo 21 (1) Jan-Feb 93-99 Wm
Leishmania, human and canine visceral infec-
tions, counter-immunoelectrophoresis suggested
for field use in diagnosis

Immunity, Precipitation

Mansueto S et al
1980 Quad Sclavo Diag Clin e Lab 16 (3) Sept
258-266 Wm
visceral leishmaniasis, human and canine, diag-
nosis, evaluation of counter-immunoelectrophor-
esis on cellulose acetate membrane

Immunity, Precipitation

Mansueto S et al
1980 Tr Roy Soc Trop Med and Hyg 74 (2) 260-261
Wa
hydatidosis, human, diagnosis, simplified
counter-immunoelectrophoresis with
commercially-produced antigen on cellulose
acetate membrane

- Immunity, Precipitation
de Mello RT; Pereira LH; Pellegrino J
1979 Rev Inst Med Trop S Paulo 21 (1) Jan-Feb
1-4 Wm
Schistosoma mansoni-infected Cebus monkeys
used to test experimental therapeutics, circum-
oval precipitin test used to assess cure rate
of experimental compounds
- Immunity, Precipitation
Merritt SC
1980 Molec and Biochem Parasitol 1 (3) June 151-
166 Wa
Trypanosoma brucei gambiense, mRNA coding for
variant specific antigen, purification (from
total trypanosomal polyribosomes by indirect
immunoprecipitation) and cell-free translation
- Immunity, Precipitation
Mesaric B; Panian Z
1979 Lijec Vjesnik Zagreb 101 (8) Aug 501-502
Wm
parasitic orbital edema, significance of
immuno-diagnosis; fascioliasis, child, case
report, diagnosed by skin test and gel dif-
fusion
- Immunity, Precipitation
Milder JE et al
1980 J Clin Microbiol 11 (4) Apr 409-417 Wa
Pneumocystis carinii in rat bronchial lavage
fluid, diagnosis, comparison of histological
stains and immunological techniques, cresyl
echt violet and indirect fluorescent antibody
are preferred techniques
- Immunity, Precipitation
Mitchell GF et al
1981 Internat J Parasitol 11 (4) Aug 267-276 Wa
Schistosoma japonicum, susceptibility of mice
of various strains, infection characteristics,
radioisotopic lung assay for granuloma forma-
tion, anti-egg circumoval precipitin responses
- Immunity, Precipitation
Monjour L et al
1978 Ann Soc Belge Med Trop 58 (4) Dec 287-291
Wa
Leishmania donovani in modified liquid culture
medium, quick production of somatic and meta-
bolic antigens, useful with the gel diffusion
test for diagnosing and field screening for
infections of man and animals
- Immunity, Precipitation
Monjour L et al
1978 Ann Soc Belge Med Trop 58 (4) Dec 293-300
Wa
Leishmania donovani, counterimmunoelectrophor-
esis on cellulose acetate membranes, useful
tool for diagnosis and epidemiological surveys
of human or canine sera, comparisons with
results using the fluorescent antibody test
- Immunity, Precipitation
Morii T et al
1981 Internat J Parasitol 11 (3) June 187-190
Wa
Leucocytozoon caulleryi, chickens, evaluation
of immunodiffusion test for epizootiological
surveys, comparison with parasitological di-
agnosis, some data on seasonal incidence in
Japan, L. sabrazesi also found in Taiwan;
Japan; Taiwan; Philippines; Singapore; Malay-
sia; Thailand
- Immunity, Precipitation
Nagathy HF; Tabarestani M
1979 Tr Roy Soc Trop Med and Hyg 73 (6) 720-721
Wa
hydatidosis, humans, diagnosis, evaluation of
counter-immunoelectrophoresis and agar gel dif-
fusion techniques: Iran
- Immunity, Precipitation
Nilsson LA et al
1980 Tr Roy Soc Trop Med and Hyg 74 (2) 201-204
Wa
Schistosoma mansoni, human, serodiagnosis by
thin layer immunoassay (TIA), comparison with
passive haemagglutination and
immunoprecipitation, cross-testing of sera of
patients with different parasitic diseases
using TIA plates coated with extracts from the
relevant parasites
- Immunity, Precipitation
Nilsson LA; Petchclai B; Elwing H
1980 Am J Trop Med and Hyg 29 (4) July 524-529
Wa
Entamoeba histolytica, human, thin layer immu-
noassay used to demonstrate antibodies, com-
parison with indirect hemagglutination and im-
munodiffusion techniques
- Immunity, Precipitation
Osisanya JOS; Warhurst DC
1980 Tr Roy Soc Trop Med and Hyg 74 (5) 605-608
Wa
Entamoeba histolytica, human, hepatic and in-
testinal disease, specific anti-amoebic immuno-
globulins measured using indirect fluorescent
antibody test, comparison with results of cel-
lulose acetate precipitin tests
- Immunity, Precipitation
Patterson M; Healy GR; Shabot JM
1980 Gastroenterology 78 (1) Jan 136-141 Wa
Entamoeba histolytica, human, serologic diagno-
sis (indirect hemagglutination and gel diffu-
sion precipitation) superior to fecal examina-
tion
- Immunity, Precipitation
Picardo NG; Diaz R; Guisantes JA
1977 Rev Iber Parasitol 37 (3-4) July-Dec
273-283 Wa
hepatic hydatidosis, human, preoperative sera
of 35 cases, diagnostic evaluation using
single radial diffusion vs electrosyneresis
- Immunity, Precipitation
Picardo NGA; Guisantes JA
1981 Parasite Immunol 3 (3) Autumn 191-199 Wm
Echinococcus granulosus, human, comparative
sensitivity and specificity of 3 immunodiag-
nostic tests (latex agglutination, indirect
haemagglutination, counterimmunoelectrophore-
sis), all 3 considered suitable for epidemio-
logical screening, all 3 correlated well with
immunoelectrophoresis test based on presence of
arc 5
- Immunity, Precipitation
Pinon JM et al
1978 Bull Soc Path Exot 71 (2) Mar-Apr 189-195
Wa
human parasitic diseases, critical evaluation
of immuno-enzymatic reactions coupled with
precipitation tests on cellulose acetate mem-
branes

- Immunity, Precipitation
Potocnjak P et al
1980 J Exper Med 151 (6) June 1 1504-1513 Wa
Plasmodium berghei, monoclonal antibodies to sporozoite surface antigen and monovalent fragments of this antibody, effects on sporozoites in vitro (neutralizing assay; circumsporozoite precipitation reaction), protective effects in vivo (mice)
- Immunity, Precipitation
Powell MB et al
1980 Am J Vet Research 41 (6) June 877-882 Wa
Otodectes cynotis, cats (nat. and exper.), reaginic hypersensitivity, precipitating antibodies, hematologic indices; mode of feeding requires ingesting feline tissue fluids and is route by which parasite antigens are presented to host
- Immunity, Precipitation
Przyjalkowski Z; Cabaj W; Kontny E
1979 Zentralbl Bakteriol 1 Abt Suppl (7) 181-187 Wa
Trichinella pseudospiralis, germfree and conventional mice, course of infection, hematological and serological changes, humoral response determined by immunodiffusion and hemagglutination tests; ". . .it seems unjustified to distinguish the two types of Trichinella [spiralis and pseudospiralis] as separate species only on the basis of the presence of the envelope sheathing T. spiralis larvae"
- Immunity, Precipitation
Rahman KM; Summers WA
1979 Bangladesh Med Research Council Bull 5 (1) June 29-37 Wm
Toxocara canis adults, antigenic analysis and differentiation from Ascaris suum adults using the agar gel double diffusion technique and its modifications
- Immunity, Precipitation
Rahman KM; Summers WA
1979 Bangladesh Med Research Council Bull 5 (1) June 38-45 Wm
Toxocara canis, Ascaris suum, larvae, serological differentiation using the intergel absorption test, antigens extracted from embryonated eggs of both worms reacted with anti-Toxocara larval serum but could not absorb all the specific antibodies in the test
- Immunity, Precipitation
Rajasekariah GR; Howell MJ
1981 Internat J Parasitol 11 (1) Feb 59-65 Wa
Fasciola hepatica in susceptible (5-week-old) vs. age-resistant (25-week-old) rats, worm recovery, histopathology, haematological changes, precipitating antibody titres
- Immunity, Precipitation
Rao YVBG et al
1980 Indian J Med Research 72 July 47-52 Wa
Wuchereria bancrofti, Litomosoides carinii, demonstration of shared antigens, countercurrent immunoelectrophoresis and indirect haemagglutination tests, agglutinating of L. carinii microfilariae by sera from filarial patients due to IgM antibodies
- Immunity, Precipitation
Rassam MB; Al-Mudhaffar SA
1980 Ann Trop Med and Parasitol 74 (3) June 283-287 Wa
kala azar, children, diagnosis, comparison of bone marrow culture, Ouchterlony double gel diffusion, immunoelectrophoresis, countercurrent immunoelectrophoresis, and micro-ELISA: Iraq
- Immunity, Precipitation
Rubaire-Akiki CM; Mutinga MJ
1980 Bull Animal Health and Prod Africa 28 (1) Mar 49-59 Wa
Rhipicephalus appendiculatus on rabbits, immunological reactions associated with acquired resistance, homocytotropic and precipitating antibody formation
- Immunity, Precipitation
Rubiolo ER; Vottero-Cima E; Rovai L
1980 Medicina Buenos Aires 40 Suppl (1) 127-131 Wm
Trypanosoma cruzi, antigenic analysis using counterimmunoelectrophoresis
- Immunity, Precipitation
Sakano T et al
1980 Arch Dis Childhood 55 (8) Aug 631-633 Wa
Trichuris vulpis causing visceral larva migrans in 2 young brothers, resulting high eosinophilia, diagnosed on basis of immunoelectrophoretic studies, thiabendazole therapy resulted in decreased eosinophilia and IgE levels: Japan
- Immunity, Precipitation
Sandeman RM; Howell MJ
1980 Vet Parasitol 6 (4) Mar 347-357 Wa
Fasciola hepatica, excysted metacercariae cultured in serum taken from sheep weekly for 20 weeks following infection, formation of precipitate on tegument and in surrounding medium, comparison of amount of precipitate formed with levels of liver and bile duct enzymes in serum
- Immunity, Precipitation
Sandeman RM; Howell MJ
1981 Research Vet Sc 30 (3) May 294-297 Wa
Fasciola hepatica, sheep, primary and challenge infections, serum enzyme and precipitating antibody levels, worm recoveries, no resistance to challenge, apparent suppression of antibody response during challenge infection; recoveries of adult flukes from rats injected with metacercariae cultured in serum from normal and infected sheep or with freshly excysted metacercariae
- Immunity, Precipitation
Sandeman RM; Howell MJ
1981 Vet Parasitol 9 (1) Oct 35-46 Wa
Fasciola hepatica, sheep, primary and challenge infections, precipitating antibodies against excretory/secretory antigens of various developmental stages
- Immunity, Precipitation
Santoro F et al
1981 Am J Trop Med and Hyg 30 (5) Sept 1020-1025 Wa
Schistosoma mansoni, human, correlation between circulating antigens detected by radioimmunoprecipitation-polyethylene glycol assay and Clq-binding immune complexes

Immunity, Precipitation

Sawhney S et al
1980 Tr Roy Soc Trop Med and Hyg 74 (1) 26-29
Wa
axenic *Entamoeba histolytica* antigen, fractionation and chemical analysis, haemagglutinating and precipitating activity

Immunity, Precipitation

Schantz PM; Shanks D; Wilson M
1980 Am J Trop Med and Hyg 29 (4) July 609-612
Wa
Echinococcus granulosus, *Taenia solium*, confirmed human cases, indirect hemagglutination tests using both homologous and heterologous antigens, cross-reactions with most sera; immunoelectrophoresis or double diffusion tests with *E. granulosus* antigens, *Echinococcus*-specific arc 5 demonstrated in 11 of 21 hydatidosis sera and in 1 of 20 cysticercosis sera

Immunity, Precipitation

Sharma P; Singh K; Dutta GP
1978 Indian J Med Research 67 Mar 374-380 Wa
Entamoeba histolytica, growth patterns in axenic culture using different sera; antisera produced in rabbits analyzed for gel-diffusion precipitin bands, haemagglutinins, and growth inhibitory activity against trophozoites

Immunity, Precipitation

Siau Y
1980 Ztschr Parasitenk 62 (1) 1-6 Wa
Myxobolus exiguus, lyophilized antigens injected into rabbits and *Mugil cephalus*, presence of antibodies in serum evaluated by several immunologic techniques

Immunity, Precipitation

Sorice F et al
1979 Ann Sclavo 21 (6) Nov-Dec 800-815 Wm
Echinococcus granulosus, humans, diagnosis, radioallergosorbent (RAST) assay compared with ELISA, indirect haemagglutination, counter-immunoelectrophoresis, and with skin tests, findings suggest that RAST be used as adjunct to other test methods rather than be employed as the only diagnostic method

Immunity, Precipitation

Speiser F
1980 Schweiz Med Wchnschr 110 (11) Mar 15
404-407 Wa
Entamoeba histolytica, human, diagnosis, comparison of enzyme linked immunosorbent assay with indirect immunofluorescence antibody test and counter-immunoelectrophoresis

Immunity, Precipitation

Speiser F
1980 Tropenmed u Parasitol 31 (4) Dec 459-466
Wa
filariasis, echinococcosis, human, serodiagnosis, enzyme-linked immunosorbent assay using *Echinococcus granulosus* hydatid fluid and *Dipetalonema viteae* as antigens, comparison with indirect fluorescent antibody test, indirect haemagglutination test, and counter-immunoelectrophoresis, ELISA was most sensitive but least specific method

Immunity, Precipitation

Spencer HC et al
1981 Am J Trop Med and Hyg 30 (1 pt 1) Jan
63-68 Wa
Entamoeba histolytica, human, serologic and parasitologic studies to examine reliability of diagnosis and confirm estimates of morbidity and mortality: El Salvador

Immunity, Precipitation

Stagno S et al
1980 Pediatrics Am Acad Pediat 66 (1) July
56-62 Wa
Pneumocystis carinii pneumonia, immunocompetent infants, diagnosis by counter-immunoelectrophoresis or by open lung biopsy

Immunity, Precipitation

Stankiewicz M; Jeska EL
1979 Bull Acad Polon Sc C1 II s Sc Biol 27 (5)
349-352 Wa
Trichinella pseudospiralis in normal chicken serum, precipitin-like deposits, reaction is temperature and Ca dependent and requires heat labile factor(s); IgM and IgG shown in precipitates by immunofluorescence

Immunity, Precipitation

Stevens DL et al
1979 Am J Gastroenterol 72 (3) Sept 234-238 Wm
[*Entamoeba histolytica*, Caucasian male, case report, hepatic abscess, nonreactive to immunological tests preoperatively, motile hemophagous trophozoites seen microscopically in scrapings from wall of abscess, postoperative serologic tests were positive

Immunity, Precipitation

Stoll L; Haase M; Fuhr R
1979 Arch Lebensmittel-Hyg 30 (6) Nov-Dec 208-214 Wa
Trichinella spiralis, mice and pigs, diagnosis, comparison of agar gel precipitation, direct precipitation, and indirect immunofluorescent antibody test

Immunity, Precipitation

Su KE
1980 Bull Inst Zool Acad Sinica 19 (2) July 41-55 Wa
Trichomonas vaginalis, 5 strains, antigenic composition and relationships analyzed by immunoelectrophoresis

Immunity, Precipitation

Suzuki T; Damian RT
1981 Am J Trop Med and Hyg 30 (4) July 825-835
Wa
Schistosoma mansoni-infected *Papio cynocephalus*, development of antibodies to adult worm, egg, and cercarial antigens during acute and chronic infections, immunoglobulin classes, enzyme-linked immunosorbent assay, radioallergosorbent, indirect hemagglutination, circumoval precipitin, and slide flocculation tests

Immunity, Precipitation

Tagawa M; Kurokawa K
1979 Bull Nippon Vet and Zootech Coll (28)
55-60 Wa
Dirofilaria immitis, dogs, diagnosis, comparison of hemagglutination and double diffusion using various antigens

Immunity, Precipitation

Tagawa M; Kurokawa K; Tanaka H
1980 Bull Nippon Vet and Zootech Coll (29) 14-22
Wa
Dirofilaria immitis, dogs (exper.), analysis of immunoelectrophoretic patterns

Immunity, Precipitation

Tandon A; et al
1980 Indian J Exper Biol 18 (7) July 679-681 Wa
Litomosoides carinii, fractionation and characterization of antigens, antibody responses to separated fractions in albino rats having patent and latent infections (precipitating and agglutinating antibody response, response in skin tests)

Immunity, Precipitation

Tapales FP et al
1981 Southeast Asian J Trop Med and Pub Health 12 (1) Mar 19-23 Wa
Schistosoma japonicum, humans, diagnosis, solid-phase radioimmunoassay using extracted egg antigen vs. circumoval precipitin test

Immunity, Precipitation

Taylor DW; Hayunga EG; Vannier WE
1981 Molec and Biochem Parasitol 3 (3) July 157-168 Wa
Schistosoma mansoni schistosomula, identification of 8 surface proteins, 3 of these proteins (one of which is glycosylated) can be precipitated by immune serum

Immunity, Precipitation

Tendler M; Scapin M
1979 Rev Inst Med Trop S Paulo 21 (6) Nov-Dec 293-296 Wm
Schistosoma mansoni, immunochemical properties (evaluated by immunoprecipitation methods) of antigens present in saline solution in which adult worms were stored

Immunity, Precipitation

Terrientes ZI; Zeledon R
1980 Rev Inst Med Trop S Paulo 22 (5) Sept-Oct 213-218 Wm
Leishmania hertigi live vaccine with complete Freund's adjuvant vs. L. hertigi extract with incomplete adjuvant, hamsters, challenge with L. mexicana or L. braziliensis; immunodiffusion or immunoelectrophoresis showed at least one common band between L. hertigi and the two human parasites

Immunity, Precipitation

Thomas V; Ogunba EO; Fabiyi A
1978 African J Med and Med Sc 7 (2) June 107-112 Wm
parasitic infections, humans, application of immunodiagnostic tests discussed in relation to conditions operating in developing countries where diagnostic facilities are often limited, immunofluorescence antibody test identified as the test that could be used universally with success, review

Immunity, Precipitation

Tosswill JHC; Ridley DS; Warhurst DC
1980 J Clin Path 33 (1) Jan 33-35 Wa
Entamoeba histolytica, counter immunoelectrophoresis as rapid screening test for liver abscess

Immunity, Precipitation

Vinayak VK et al
1980 Trop and Geogr Med 32 (4) Dec 298-302 Wa
Entamoeba histolytica, patients with amoebic colitis or hepatic abscess, cell-mediated immune response (CMIR) and humoral antibody response studied using various serologic tests, no clear-cut correlations between CMIR and humoral antibody response were found but CMIR appears to be altered in amoebic patients during acute illness

Immunity, Precipitation

Vinayak VK; et al
1980 Tr Roy Soc Trop Med and Hyg 74 (4) 483-487 Wa
Entamoeba histolytica, guinea-pigs, protective effects of crude and chromatographic fractions of axenic amoebic antigen, antibody response (indirect haemagglutination, counter-current immunoelectrophoresis)

Immunity, Precipitation

Wattre P et al
1980 Nouv Presse Med 9 (5) Jan 26 305-309 Wm
Echinococcus granulosus, immunodiagnostic methods used to confirm classical clinical and radiological diagnostic data and to conduct post-therapeutic surveillances, high prevalence of infection in immigrant workers vs native population in France

Immunity, Precipitation

Yarzabal LA
1973 Rev Med Chile 101 (7) July 558-564 Wm
Echinococcus granulosus, humans, diagnosis, immunoelectrophoresis test specific and sensitive, agar gel diffusion technique recommended as a screening test

Immunity, Precipitation

Zudaire Bergera JJ; et al
1980 Actas Urol Espan 4 (4) July-Aug 221-224 Wm
renal hydatidosis, humans, diagnosis, CAT scans, immunoelectrophoresis

Immunity, Premunition

Dutta GP; Singh PP
1980 Indian J Med Research 72 July 23-32 Wa
Plasmodium knowlesi, rhesus monkeys, immune status after curative or suppressive/subcurative chloroquine therapy

Immunity, Premunition

Eling WMC
1980 Exper Parasitol 49 (1) Feb 89-96 Wa
Plasmodium berghei, mice, premunition, sterile immunity, and loss of immunity, host age differences

Immunity, Premunition

Solangi MA; Overstreet RM
1980 J Parasitol 66 (3) June 513-526 Wa
Eimeria funduli in killifishes, prevalence, specificity, and known distribution, sites of infection, experimental infections, route of infection (through grass shrimp), endogenous development, susceptibility and variability in development (host age, temperature, infective dose, premunition), gross pathology and pathogenesis, control with monensin or by feeding TetraMin fish food

- Immunity, Premunition**
Wery M et al
1979 Ann Soc Belge Med Trop 59 (4) Dec 347-360
Wa
Plasmodium berghei berghei, successive waves of parasitaemia separated by subpatent periods observed in mice infected after immunization with P. berghei Anka parent lines or with clones derived from it, these recrudescences possibly caused by antigenic variants, suggests that acquired protective immunity (premunition) may not have the same efficiency against successive parasite populations occurring in the same animal, no difference could be demonstrated by immunofluorescence in the antigenicity of the different lines or clones used for immunization
- Immunity, Premunition**
van Zon AAJC; Eling WMC
1980 Tropenmed u Parasitol 31 (4) Dec 402-408
Wa
Plasmodium berghei, mice of several strains, pregnancy-associated recrudescence/immunodepression in immune hosts with persisting parasites, differences between gravida I and gravida II, some mice that did not develop recrudescence exhibited pregnancy-associated clearance of persisting parasites
- Immunity, Radioimmunoassay**
Akiyama T et al
1981 J Dermat 8 (1) Feb 43-46 Wm
Onchocerca volvulus, increased levels of IgG and IgE in infected Guatemalan patients, no differences found in IgA and IgM levels, quantitative determinations using laser immunoassay or radioimmunosorbent assay
- Immunity, Radioimmunoassay**
Avraham H et al
1980 J Immunol Methods 32 (2) Jan 28 151-155 Wm
Plasmodium berghei, solid-phase antibody binding-inhibition test for assay of malarial antigen and antimalarial antibodies using radioiodinated protein A
- Immunity, Radioimmunoassay**
Avraham H et al
1981 Tr Roy Soc Trop Med and Hyg 75 (3) 421-425
Wa
Plasmodium falciparum, assay of antigens and antibodies by means of solid phase radioimmunoassay with radioiodinated staphylococcal protein A
- Immunity, Radioimmunoassay**
Bout D et al
1980 Parasitology 80 (2) Apr 247-256 Wa
Schistosoma mansoni, mice, humoral immune response, kinetics of classes and sub-classes of both total immunoglobulins and specific antibodies; use of original radio-immunoadsorbent test
- Immunity, Radioimmunoassay**
Carlier Y et al
1980 Am J Trop Med and Hyg 29 (1) Jan 74-81 Wa
Schistosoma mansoni-infected African parturients, their uninfected newborn children, infected men, and infected non-pregnant women, evaluation of circulating soluble antigens (CSA) by sandwich radioimmunoassay, of circulating antibodies (CAB) by indirect hemagglutination, and of immune complexes (CIC) by Clq binding test, results indicate probable transplacental transfer of CSA from mother to fetus and possible modulation of CSA level by specific CAB and CIC formation
- Immunity, Radioimmunoassay**
Carneiro Leao R; de Toledo Barras MM; Mendes E
1980 Allergol et Immunopath 8 (1) Jan-Feb 31-34
Wm
Strongyloides stercoralis, 18 patients with mild or asymptomatic infections, total IgE serum levels determined by the radioimmunosorbent method, 7 had elevated levels
- Immunity, Radioimmunoassay**
Craig PS et al
1980 Austral J Exper Biol and Med Sc 58 (4) Aug 339-350 Wa
larval taeniid cestode infections, sheep, attempts to produce hybridoma-based immunodiagnostic reagents
- Immunity, Radioimmunoassay**
Craig PS et al
1981 Parasitology 83 (2) Oct 303-317 Wa
Echinococcus granulosus, sheep, murine hybridoma-derived antibodies in processing of antigens for immunodiagnosis
- Immunity, Radioimmunoassay**
Dessaint JP et al
1980 Internat J Nuclear Med and Biol 7 (2) 187-193 Wa
Schistosoma mansoni, antibody-dependent cell-mediated effector systems, contribution of radioisotope techniques to evaluation of immunity, review
- Immunity, Radioimmunoassay**
Dissanayake S; de Silva LVK; Ismail MM
1980 Tr Roy Soc Trop Med and Hyg 74 (4) 542-544
Wa
Wuchereria bancrofti, human, antifilarial antibody in maternal and umbilical cord blood determined by indirect immunofluorescence, enzyme-linked immunosorbent assay, and radioimmunoassay, antibodies were predominantly of IgG type presumably passively transferred from mother, specific IgM antibody detected in some cord blood samples probably in response to transplacental transfer of filarial antigens: Sri Lanka
- Immunity, Radioimmunoassay**
Finlayson J
1980 J Comp Path 90 (3) July 491-493 Wa
Toxoplasma gondii, microtitre radio-immunoassay for detection and measurement for a specific antibody class
- Immunity, Radioimmunoassay**
Hamilton RG et al
1981 J Immunol Methods 44 (1) July 17 101-114
Wm
filariasis patients from endemic Wuchereria bancrofti areas, quantitation of filaria-specific IgG and IgE in sera, evaluation of solid-phase radioimmunoassay and enzyme-linked immunosorbent assay methodology using Brugia malayi as antigen
- Immunity, Radioimmunoassay**
Houba V; Castellino JB
1980 Internat J Nuclear Med and Biol 7 (2) 197-200 Wa
nuclear techniques in parasitic diseases, summary of panel discussion
- Immunity, Radioimmunoassay**
Hussain R et al
1981 J Immunol 127 (4) Oct 1623-1629 Wm
Wuchereria bancrofti, patients with various clinical forms of filariasis, quantitation of filaria-specific IgE using solid phase radioimmunoassay with Brugia malayi as antigen

- Immunity, Radioimmunoassay
Kim KJ et al
1980 J Immunol 125 (6) Dec 2565-2569 Wm
Plasmodium yoelii, mice, solid-phase radioimmunoassay (SPRIA) to detect antibodies against parasite antigen, intact-RBC radioimmunoassay to detect antibodies against newly expressed antigen(s) or parasitic antigen(s) expressed on RBC from infected mice, screening for hybridomas that produce antibodies to parasite antigen using SPRIA
- Immunity, Radioimmunoassay
Long EG et al
1981 Tr Roy Soc Trop Med and Hyg 75 (3) 365-371 Wa
Schistosoma mansoni, human, diagnosis, comparison of sensitivity and specificity of ELISA, radioimmunoassay, and stool examination (Bell filtration technique, Kato thick smear), host age effects: St. Lucia, West Indies
- Immunity, Radioimmunoassay
McGuire TC et al
1980 Exper Parasitol 50 (2) Oct 233-239 Wa
Trypanosoma brucei, radioimmunoassay of variant surface glycoproteins from organisms grown in vitro and in vivo
- Immunity, Radioimmunoassay
Mackey L et al
1980 Parasitology 80 (1) Feb 171-182 Wa
Plasmodium berghei, mice, diagnosis, solid-phase radioimmunoassay for detection of malaria antigens
- Immunity, Radioimmunoassay
Mackey L; McGregor IA; Lambert PH
1980 Bull World Health Organ 58 (3) 439-444 Wa
Plasmodium falciparum, humans, diagnosis, detection of antigens using a solid-phase radioimmunoassay, highly significant degree of correlation with comparative results of microscopy
- Immunity, Radioimmunoassay
Matossian RM
1981 J Helminth 55 (1) Mar 49-57 Wa
hydatid disease, human, simplified radioimmunoassay (RIA) compared with indirect haemagglutination test; trichinosis, human, RIA compared with fluorescent antibody test
- Immunity, Radioimmunoassay
Mitchell GF et al
1981 Proc National Acad Sc 78 (5) May 3165-3169 Wa
Schistosoma japonicum, hybridoma-derived antibody with immunodiagnostic potential, results of radioimmunoassay with Philippine sera
- Immunity, Radioimmunoassay
Nash TE; Lunde MN; Cheever AW
1981 J Immunol 126 (2) Feb 805-810 Wm
Schistosoma mansoni, analysis and antigenic activity of carbohydrate fraction derived from adult worms, ELISA, radioimmunoassay, relationship of antibody response to length and intensity of infection
- Immunity, Radioimmunoassay
O'Donnell IJ et al
1980 Austral J Biol Sc 33 (1) Mar 27-34 Wa
Lucilia cuprina, fly-struck sheep, serum IgG antibodies to larval antigens in solid-phase radioimmunoassay, more severe myiasis in previously struck vs. unstruck sheep when subjected to standard larval challenge, immunosuppressive therapy reduces extent of myiasis
- Immunity, Radioimmunoassay
O'Donnell IJ; Mitchell GF
1980 Internat Arch Allergy and Applied Immunol 61 (2) 213-219 Wa
Ascaris lumbricoides (var. suum), investigation of antigens using radioimmunoassay and sera of naturally infected humans with particular emphasis on antigens which induce and bind IgG antibodies
- Immunity, Radioimmunoassay
Rhodes MB; Staudinger LA; Hart RA
1981 Am J Vet Research 42 (5) May 868-870 Wa
Ascaris suum, pigs, detection of antibodies by indirect solid-phase microradioimmunoassay: Nebraska
- Immunity, Radioimmunoassay
Rieckmann KH et al
1979 Bull World Health Organ 57 suppl 1 139-151 Wa
Plasmodium knowlesi, rhesus monkeys, immunization with 3 nonviable blood-stage antigens, response to challenge, haematology, indirect fluorescent antibody test, IgG values, radioimmunoassay values, opsonization and merozoite inhibition tests, B and T cell values, lymphocyte transformation test, intradermal skin test
- Immunity, Radioimmunoassay
Santoro F et al
1981 Am J Trop Med and Hyg 30 (5) Sept 1020-1025 Wa
Schistosoma mansoni, human, correlation between circulating antigens detected by radioimmunoprecipitation-polyethylene glycol assay and Clq-binding immune complexes
- Immunity, Radioimmunoassay
de Savigny D; Voller A
1980 Internat J Nuclear Med and Biol 7 (2) 165-171 Wa
Toxocara canis, human, comparison of isotopic immunoassay vs. enzyme-immunoassay
- Immunity, Radioimmunoassay
Sayles PC et al
1981 J Parasitol 67 (4) Aug 585-586 Wa
Leishmania mexicana-infected Mystromys albicaudatus (exper.), specific antibody response, solid phase radioimmunoassay, magnitude of antibody response correlates both with time postinfection and type and progression of cutaneous lesions
- Immunity, Radioimmunoassay
Smith HV et al
1980 J Immunol Methods 37 (1) 47-55 Wm
Toxocara canis, human, paper radioimmunosorbent test for detection of larva-specific antibodies
- Immunity, Radioimmunoassay
Sorice F et al
1979 Ann Sclavo 21 (6) Nov-Dec 800-815 Wm
Echinococcus granulosus, humans, diagnosis, radioallergosorbent (RAST) assay compared with ELISA, indirect haemagglutination, counter-immunoelectrophoresis, and with skin tests, findings suggest that RAST be used as adjunct to other test methods rather than be employed as the only diagnostic method

- Immunity, Radioimmunoassay**
Suzuki T; Damian RT
1981 Am J Trop Med and Hyg 30 (4) July 825-835
Wa
Schistosoma mansoni-infected Papio cynocephalus, development of antibodies to adult worm, egg, and cercarial antigens during acute and chronic infections, immunoglobulin classes, enzyme-linked immunosorbent assay, radioallergosorbent, indirect hemagglutination, circumoval precipitin, and slide flocculation tests
- Immunity, Radioimmunoassay**
Tapales FP et al
1981 Southeast Asian J Trop Med and Pub Health 12 (1) Mar 19-23 Wa
Schistosoma japonicum, humans, diagnosis, solid-phase radioimmunoassay using extracted egg antigen vs. circumoval precipitin test
- Immunity, Radioimmunoassay**
Turner KJ; Fisher EH; McWilliam AS
1980 Austral J Exper Biol and Med Sc 58 (3) June 249-257 Wa
Ascaris lumbricoides, A. suum, Necator americanus, homology between antigens detected by human IgE antibodies, radioallergosorbent test (RAST), inhibition of RAST, and isoelectric focusing on polyacrylamide gels
- Immunity, Radioimmunoassay**
Voller A
1980 Internat J Nuclear Med and Biol 7 (2) 157-163 Wa
use of immunofluorescence, enzyme-immunoassay, and radioimmunoassay in parasitic diseases with special reference to malaria, review
- Immunity, Radioimmunoassay**
Vottero-Cima E; Faillici MG; Rubiolo E
1979 Acta Physiol Latinoam 29 (4-5) 263-270 Wa
Trypanosoma cruzi, humans, detection of humoral immune response, solid-phase micro-radioimmunoassay test, comparison with complement-fixation, indirect hemagglutination, and immunofluorescence tests
- Immunity, Radioimmunoassay**
Weiss N; Speiser F; Hussain R
1981 Acta Trop 38 (3) Sept 353-362 Wa
Onchocerca volvulus, human, detection of IgE antibodies with radioallergosorbent test using O. volvulus vs. Dipetalonema viteae as antigen, comparison with enzyme linked immunosorbent assay detecting IgG and IgM antibodies against same antigen preparations
- Immunity, Skin tests**
Aderelle WI; Oduwale O
1981 Tr Roy Soc Trop Med and Hyg 75 (5) 675-679
Wa
skin sensitivity reactions in Nigerian children with bronchial asthma, including relatively high sensitivity to Ascaris antigen
- Immunity, Skin tests**
Alam SM et al
1981 J Ass Physicians India 29 (1) Jan 19-24
Wm
Entamoeba histolytica, human intestinal and extraintestinal invasive infection, diagnosis, indirect haemagglutination test vs. intradermal test
- Immunity, Skin tests**
Ardehali S et al
1980 Ann Trop Med and Parasitol 74 (4) Aug 439-445 Wa
cutaneous leishmaniasis, human, chronic (lupoid) form, clinical aspects, histology, skin tests with leishmanin and PPD, indirect fluorescent antibody and direct agglutination tests: Iran
- Immunity, Skin tests**
Banerjee DP et al
1981 Tropenmed u Parsitol 32 (2) June 105-108
Wa
Anaplasma marginale, cattle, vaccinated infected and non-vaccinated infected (carrier) animals, cell-mediated immune response assessed in vivo by intradermic skin test and in vitro by leucocyte migration inhibition test, killed vaccine yielded encouraging results
- Immunity, Skin tests**
Bilqees FM; Khan A
1979 J Egypt Pub Health Ass 54 (5-6) 425-430 Wm
Entamoeba histolytica, patients with confirmed intestinal amoebiasis, cyst passers, and normal persons, diagnosis, evaluation of a skin test, useful in all instances as well as for epidemiological surveys
- Immunity, Skin tests**
Chandanani RE; Mahanta J; Mahajan RC
1978 Indian J Med Research 68 Oct 595-598 Wa
hydatid disease, humans, diagnosis, evaluation of slide haemagglutination test vs. indirect haemagglutination tube test or Casoni's skin test
- Immunity, Skin tests**
Chandra R et al
1978 Indian J Med Research 68 July 61-66 Wa
Wuchereria bancrofti, subjects from endemic vs. non-endemic area, diagnosis by skin test, comparison of Brugia malayi infective larval whole worm antigen vs. homologous W. bancrofti larval antigen, no cross reactions with helminth infections
- Immunity, Skin tests**
Conder GA; Andersen FL; Schantz PM
1980 J Parasitol 66 (4) Aug 577-584 Wa
Echinococcus granulosus, sheep (exper.), immunodiagnosis, evaluation of double diffusion, immunoelectrophoresis, indirect hemagglutination, and intradermal tests, some cross-reactions with serum from Taenia hydatigena-infected sheep
- Immunity, Skin tests**
Cursons RTM; et al
1980 Infect and Immun 29 (2) Aug 408-410 Wa
Naegleria spp., sensitized guinea pigs, cross-reactivity of homologous and heterologous antigens as judged by delayed hypersensitivity skin test and macrophage inhibition test, possible role of cell-mediated immunity in defense against pathogenic free-living amoebae

- Immunity, Skin tests
Damian RT et al
1981 Am J Trop Med and Hyg 30 (4) July 836-843
Wa
Schistosoma mansoni, multiply-infected Papio cynocephalus, antibody responses, immunoglobulin classes (enzyme-linked immunosorbent assay, slide flocculation, circumoval precipitation, passive cutaneous anaphylaxis, and opsonization tests), immediate hypersensitivity responses (cercarial dermatitis, direct skin testing with adult worm antigen)
- Immunity, Skin tests
Dedet JP et al
1979 Bull Soc Path Exot 72 (5-6) Sept-Dec 451-461
Wa
leishmaniasis, human cutaneous infections, survey, epidemiologic indices (age, skin tests, yearly variations): region de Thies, Senegal
- Immunity, Skin tests
Dedet JP et al
1979 Ann Soc Belge Med Trop 59 (1) Mar 21-32
Wa
Leishmania tropica, population of Fleuve region, incidence survey using the leishmanin skin test: Senegal, West Africa
- Immunity, Skin tests
El Raziky KH et al
1981 Am J Trop Med and Hyg 30 (2) Mar 373-384
Wa
Schistosoma mansoni and S. haematobium-infected patients vs. subjects from nonendemic area, immediate, Arthus, and delayed skin test responses to S. mansoni antigen, delayed responses to ubiquitous antigens, gross and histological studies: Egypt
- Immunity, Skin tests
Falk ES; Bolle R
1980 Brit J Dermatol 103 (4) Oct 367-373
Wa
Sarcoptes scabiei, human, demonstration of immediate type hypersensitivity reactions using prick and intracutaneous methods
- Immunity, Skin tests
Fuller GK; Fuller DC
1981 Am J Trop Med and Hyg 30 (3) May 645-652
Wa
Echinococcus granulosus, human, survey, clinical findings, indirect hemagglutination test results, hydatid skin test results (marked sex differences in positivity): Ethiopia
- Immunity, Skin tests
Fuller GK; Lemma A; Haile T
1980 Tr Roy Soc Trop Med and Hyg 74 (2) 205-208
Wa
people with varying histories of exposure to Trypanosoma and Leishmania, comparison of skin-test responses using antigen from Leishmania donovani and a lizard trypanosome, sex differences: Ethiopia
- Immunity, Skin tests
Furtado T
1980 An Brasil Dermat 55 (2) Apr-June 81-86
Wm
American cutaneous leishmaniasis, human, diagnosis, review: detection of organisms, skin tests, complement fixation, indirect immunofluorescence
- Immunity, Skin tests
Goihman Yahr M; Convit J; de Pinardi ME
1977 An Brasil Dermat 52 (3) July-Sept 325-332
Wm
leishmaniasis, humans, immunological aspects, Montenegro skin test characteristics, general review
- Immunity, Skin tests
Gondo M et al
1979 Neurol Med Chir 19 (12) Dec 1213-1218
Wm
Paragonimus westermani, 8-year-old boy who had eaten wild boar meat, case report, cerebral infections with associated epilepsy and hemiparesis, diagnosis using CT scan, immunoelectrophoresis, and skin tests
- Immunity, Skin tests
Helmy-Khalil S jr et al
1979 Tropenmed u Parasitol 30 (4) Dec 426-428
Wa
S[chistosoma] mansoni, human, hepato-splenic disease vs. simple intestinal infection, cell mediated immune (CMI) responses assessed using delayed intradermal and migration inhibition tests with soluble egg antigens, findings suggest relationship between CMI responsiveness and clinicopathological manifestations
- Immunity, Skin tests
Higashi GI et al
1980 Trop and Geogr Med 32 (3) Sept 245-250
Wa
Schistosoma mansoni, human population being epidemiologically evaluated for bilharzial urinary bladder cancer, assessment of immediate and delayed skin test responses to schistosomal antigens, evaluation of 3 methods, correlations with ova in urine or stool: rural Egypt
- Immunity, Skin tests
Jain AN; Ramanathan P; Ganatra RD
1980 Clin Nuclear Med 5 (1) Jan 25-28
Wm
hydatid cysts of liver, humans, diagnosis, liver scans, analysis of 55 cases, comparisons with results using Casoni's skin test: India
- Immunity, Skin tests
Khamis Y; Fahmy L
1979 Vet Med J Giza 25 (25) 1977 193-197
Is-sued Jan 14
Wa
filariasis, large animals, diagnosis, evaluation of intradermal test using Dirofilaria immitis as antigen
- Immunity, Skin tests
Khan MA
1981 Canad Vet J 22 (2) Feb 36-41
Wa
Hypoderma spp., cattle, rabbits, and guinea pigs (all exper.), diagnosis, intradermal test using H. lineatum larval antigen, cross-reaction against H. bovis infection
- Immunity, Skin tests
Knight R et al
1979 Ann Trop Med and Parasitol 73 (6) Dec 563-576
Wa
Wuchereria bancrofti, human, clinical findings, microfilaria counts, filarial serology, and filarial skin tests for different age groups and each sex; prevalence of non-filarial parasites, various serological parameters, mean IgE levels, and mean eosinophil counts in different age groups: Middle Fly River region, Western Papua New Guinea

- Immunity, Skin tests
 Kusumi H et al
 1980 Hokkaido Igaku Zasshi (Hokkaido J Med Sc) 55 (2) Mar 89-105 Wm
 [Schistosoma] japonica, diagnosis, inhabitants of an endemic area tested using the immediate intradermal reaction, epidemiologic study based on the analysis of these reactions, significance of age, sex, contents of antigen used, variations in sections of survey area, suggested disease control measures and vector control measures: Yamaguchi Prefecture, Japan
- Immunity, Skin tests
 Meekins RB; Harland FSEG; Carswell F
 1981 Tr Roy Soc Trop Med and Hyg 75 (5) 731-735 Wm
 helminthiasis and malnutrition among school-children, preliminary survey: immediate skin hypersensitivity tests for Ascaris and Schistosoma proved unreliable: Tanzania
- Immunity, Skin tests
 Mesaric B; Franjan T
 1979 Lijec Vjesnik Zagreb 101 (8) Aug 501-502 Wm
 parasitic orbital edema, significance of immuno-diagnosis: fascioliasis, child, case report, diagnosed by skin test and gel diffusion
- Immunity, Skin tests
 Miller EC
 1980 Zentralbl Gynak 102 (5) 283-294 Wm
 Toxoplasma gondii, humans, diagnosis, qualitative and quantitative comparisons of dye test, complement fixation, and intradermal test
- Immunity, Skin tests
 Miller EC
 1980 Zentralbl Gynak 102 (5) 295-297 Wm
 Toxoplasma gondii, diagnostic skin test survey of pregnant women, test results show that following toxoplasmosis infection cellular immune reactions increase slowly, continued use of intradermal test recommended
- Immunity, Skin tests
 Miller EC
 1980 Zentralbl Gynak 102 (13) 702-708 Wm
 Toxoplasma gondii, humans, changes in antibody titer during pregnancy determined using the dye test, skin test, and complement fixation test, diagnostic value of titer changes and correlations with chorogonadotropic hormones excreted in urine
- Immunity, Skin tests
 Mukerji K et al
 1980 Indian J Exper Biol 18 (8) Aug 905-906 Wm
 Ascaris lumbricoides var. hominis, trichloroacetic acid soluble fraction of body wall extract used in intradermal test for immunodiagnosis of human ascariasis
- Immunity, Skin tests
 Mukerji K et al
 1981 J Bioac 3 (1) Mar 77-82 Wm
 Ascaris lumbricoides, guinea pigs, immunization, immediate hypersensitivity following challenge, characterization of cytotoxic antibodies, skin tests in Ascaris-positive human subjects, concluded that guinea pig is suitable model for testing human Ascaris allergens
- Immunity, Skin tests
 Murthy PK et al
 1978 Indian J Med Research 68 Sept 428-434 Wm
 Brugia malayi larval antigen used for filariasis skin test, reactions inhibited in persons receiving diethylcarbamazine therapy: villages near Lucknow
- Immunity, Skin tests
 Nag JI
 1978 Acta Trop 35 (3) Sept 269-279 Wm
 Onchoerca volvulus, patients with generalized type vs. localized reactive type disease, skin testing, leucocyte migration inhibition test, enzyme linked immunosorbent assay
- Immunity, Skin tests
 Nag JI et al
 1981 Tropen u Parasitol 32 (3) Sept 165-170 Wm
 Onchoerca volvulus, human, diagnostic skin test, excretory/secretory products of microfilariae from nodules used as antigen, low incidence of positive reactions in patients with Loa loa or Ascaris, same subjects skin tested with Ascaris lumbricoides oomatic antigen also
- Immunity, Skin tests
 Prakash D et al
 1980 Indian Pediat 17 (7) July 619-623 Wm
 Ascaris lumbricoides var. hominis, diagnostic value of purified human antigen investigated as skin test in children, possible use in epidemiology surveys, and as verification of other test methods: India
- Immunity, Skin tests
 Rees FB et al
 1981 Tr Roy Soc Trop Med and Hyg 75 (5) 630-631 Wm
 Leishmania donovani, kala-azar patients, skin test response to tuberculin and leishmanin (L. tropica), negative during active disease, some conversions to positive after successful cure, suggests that active kala-azar is associated with generalized non-specific depression of cell-mediated immune responses which reverts to normal after treatment
- Immunity, Skin tests
 Rieckmann KH et al
 1979 Bull World Health Organ 57 suppl 1 139-151 Wm
 Plasmodium knowlesi, rhesus monkeys, immunization with 3 nonviable blood-stage antigens, response to challenge, haematology, indirect fluorescent antibody test, IgG values, radioimmunoassay values, opsonization and merotote inhibition tests, B and T cell values, lymphocyte transformation test, intradermal skin test
- Immunity, Skin tests
 Rifat MA et al
 1975 Ain Shams Med J 26 (2) Mar 173-179 Wm
 Schistosoma haematobium, human, immunodiagnosis, skin testing using Fasciola gigantica antigens isolated by salting out and by DEAE-cellulose column chromatography
- Immunity, Skin tests
 Rifat MA; Nabila IM; Abdel Aal TM
 1975 Ain Shams Med J 26 (4) July 491-493 Wm
 Wuchereria bancrofti, evidence of antigenic substance in urine of patients with microfilaraemia, possible use in diagnosis of filariasis by intradermal test

- Immunity, Skin tests
Sampaio RNR et al
1980 An Brasil Dermat 55 (2) Apr-June 69-76 Wm
Leishmania, patients with American mucocutaneous infections, histological and immunological diagnosis, therapy: Sobradinho, Brasilia
- Immunity, Skin tests
Schiller EL; D'Antonio R; Figueroa Marroquin H
1980 Am J Trop Med and Hyg 29 (6) Nov 1215-1219 Wa
Onchocerca volvulus, human, diagnosis, intradermal reactivity of excretory and secretory products of *O. volvulus* and *O. gutturosa* microfilariae, some cross-reactivity in humans and dogs with other filarial infections but not in dogs with *Dirofilaria immitis*
- Immunity, Skin tests
Shivananda PG et al
1981 Indian J Med Research 73 Suppl Jan 107-110 Wa
hydatidosis, humans, diagnosis, leucocyte migration inhibition test appears more reliable and to have more prognostic significance than does Casoni's skin test
- Immunity, Skin tests
Sorice F et al
1979 Ann Sclavo 21 (6) Nov-Dec 800-815 Wm
Echinococcus granulosus, humans, diagnosis, radioallergosorbent (RAST) assay compared with ELISA, indirect haemagglutination, counter-immunoelectrophoresis, and with skin tests, findings suggest that RAST be used as adjunct to other test methods rather than be employed as the only diagnostic method
- Immunity, Skin tests
Tandon A; et al
1980 Indian J Exper Biol 18 (7) July 679-681 Wa
Litomosoides carinii, fractionation and characterization of antigens, antibody responses to separated fractions in albino rats having patent and latent infections (precipitating and agglutinating antibody response, response in skin tests)
- Immunity, Skin tests
Thomas V; Ogunba EO; Fabiyi A
1978 African J Med and Med Sc 7 (2) June 107-112 Wm
parasitic infections, humans, application of immunodiagnostic tests discussed in relation to conditions operating in developing countries where diagnostic facilities are often limited, immunofluorescence antibody test identified as the test that could be used universally with success, review
- Immunity, Skin tests
Todorov T et al
1979 Bull World Health Organ 57 (5) 735-740 Wa
echinococcosis, patients operated on for pulmonary infections, diagnostic value of 5 immunological tests compared
- Immunity, Skin tests
Todorov T et al
1979 Bull World Health Organ 57 (5) 741-750 Wa
pulmonary echinococcosis, humans, comparison of geometric mean titres of antibody response using 5 immunodiagnostic procedures and the role of certain factors in determining immunoreactivity
- Immunity, Skin tests
Turner KJ; Sumarmo; Sutejo
1978 Asian J Infect Dis 2 (3) Sept 193-203 Wm
The influence of parasitism on the expression of immediate-type hypersensitivity reactions and serum immunoglobulin levels in malnourished children
- Immunity, Skin tests
Weiland G et al
1980 Berl u Munchen Tierarztl Wchnschr 93 (14) July 15 261-264 Wa
Babesia divergens, cattle (nat. and exper.), diagnosis, indirect immunofluorescence, enzyme-linked immunosorbent assay, indirect haemagglutination, and intradermal tests using antigens of *B. divergens* and/or *B. rodhaini*
- Immunity, Skin tests
Weller PF; Ottesen EA; Heck L
1980 Am J Trop Med and Hyg 29 (5 pt 1) Sept 809-814 Wa
Wuchereria bancrofti, human, immediate and delayed hypersensitivity skin test responses to *Dirofilaria immitis* filarial skin test (Sawada) antigen, findings document limitations of this antigen preparation in immunodiagnosis of filariasis in residents of an endemic area: Mauke, Cook Islands
- Immunity, Skin tests
Weltman JK; Senft AW
1981 Parasite Immunol 3 (2) Summer 157-163 Wa
schistosomiasis, human, analysis of allergy, immunoglobulin E, and diagnostic skin tests, mathematical model for mast cell degranulation
- Immunity, Skin tests
Zapart W; Podlaski S; Deja M
1980 Ang Parasitol 21 (1) Feb 10-15 Wa
helminths, persons associated with mining, school-children, and non-miners, intradermal tests compared with coprological examinations, cross-reactions: Poland
- Immunity, Transfer factor See Immunity, Passive
- Immunity, Vaccination See Immunization
- Immunization [See also Immunity, Passive]
- Immunization
Abouzkham AA; Buttner A
1980 Ann Parasitol 55 (2) Mar-Apr 199-207 Wa
Schistosoma mansoni, mice, development of hepatic granulomas in challenge infections, effect of time between initial and challenge infections, effect of size of initial infecting dose
- Immunization
Ackerman S; Floyd M; Sonenshine DE
1980 J Med Entom 17 (5) Sept 30 391-397 Wa
Dermacentor variabilis-infested *Rattus norvegicus* (exper.), immunization with extracts derived from whole ticks vs. tick midguts, effect on tick responses (temporal dynamics of attachment/detachment; body weights of engorged females; egg production and egg hatching) indicates resistance may be functioning internally within the tick, not in host tissues at bite site

Immunization

Adams DB; Beh KJ
1981 Internat J Parasitol 11 (5) Oct 381-386 Wa
Haemonchus contortus, sheep undergoing sequence of primary, secondary, then tertiary infection, induction of acquired immunity, haemagglutinating antibody titres

Immunization

Aliu YO
1980 Vet Research Commun 4 (2) Aug 99-106 Wa
Babesia, Anaplasma, Theileria, Cowdria, chemoimmunization of ruminants, review, recommendations

Immunization

Allison AC; Eugui EM
1981 Advances Exper Med and Biol 137 225-237 Wa
approaches to vaccines against protozoan parasites of cattle, review with emphasis on cell-mediated immunity in theileriosis

Immunization

Andreassen J; Hopkins CA
1980 J Parasitol 66 (6) Dec 898-903 Issued May 6 1981 Wa
Hymenolepis diminuta, immunologically mediated rejection from rats

Immunization

Ansari MZ; Singh KS
1980 Indian J Animal Sc 50 (7) July 558-560 Wa
Gaigeria pachyscelis, lambs vaccinated with irradiated and non-irradiated larvae, indirect haemagglutination test for detection of serum antibodies

Immunization

Bafort JM; Pryor WH jr; Beaudoin RL
1978 Ann Soc Belge Med Trop 58 (1) Mar 63-64 Wa
Plasmodium berghei, mice (exper.), sporozoite-induced immunity against challenge with pre-erythrocytic stages of infection, preliminary report

Immunization

Bafort JM; Pryor WH jr; Ramsey JM
1980 J Parasitol 66 (2) Apr 337-338 Wa
Plasmodium berghei, rats, successful immunization with irradiated sporozoites, advantages of rat model over mouse model

Immunization

Banerjee DP et al
1981 Tropenmed u Parsitol 32 (2) June 105-108 Wa
Anaplasma marginale, cattle, vaccinated infected and non-vaccinated infected (carrier) animals, cell-mediated immune response assessed in vivo by intradermic skin test and in vitro by leucocyte migration inhibition test, killed vaccine yielded encouraging results

Immunization

Bawden MP et al
1979 Bull World Health Organ 57 suppl 1 205-209 Wa
Plasmodium berghei, rats, mice, vaccination with irradiated sporozoites, serological evaluation of the antigen and of antibody responses using indirect fluorescent antibody test

Immunization

Beaudoin RL; Armstrong JC; Vannier WE
1980 Internat J Nuclear Med and Biol 7 (2) 113-124 Wa
malaria, schistosomiasis, production of radiation-attenuated vaccines, review

Immunization

Bell RG; McGregor DD
1980 Infect and Immun 29 (1) July 186-193 Wa
Trichinella spiralis, parabiotic rats used to demonstrate requirement for 2 discrete stimuli for induction of intestinal rapid expulsion response: immunologically specific systemic component (induced by preadults); nonspecific local intestinal component (induced by adult trichinae or by Heligmosomoides polygyrus)

Immunization

Bell RG; McGregor DD
1980 Infect and Immun 29 (1) July 194-199 Wa
Trichinella spiralis, rats, coinduction of rapid expulsion response by using antigenic extracts of larvae and intestinal stimulation with unrelated parasite (Heligmosomoides polygyrus)

Immunization

Bertelli MSM; Alcantara F. A; Brener Z
1981 Tropenmed u Parasitol 32 (2) June 93-96 Wa
Trypanosoma cruzi, mice, BCG-induced resistance, correlation with in vitro effects of BCG-activated macrophages on parasite blood-stream stages, findings represent further demonstration that cell-mediated immunity plays role in immune response in experimental Chagas' disease

Immunization

Bhopale KK; Johri GN
1981 J Hyg Epidemiol Microbiol and Immunol 25 (1) 1-5 Wa
Hymenolepis nana, mice exposed to single and repeated low-level infections, stimulation of immunity

Immunization

Blair LS; Campbell WC
1981 Parasite Immunol 3 (2) Summer 143-147 Wa
Dirofilaria immitis, immunization of Mustela putorius furo by means of infections chemically abbreviated by ivermectin

Immunization

Brackett RG et al
1979 Bull World Health Organ 57 suppl 1 33-36 Wa
Plasmodium falciparum, in vitro propagation for merozoite antigens with yields sufficient for experimental vaccine studies

Immunization

Brener Z
1980 Advances Parasitol 18 247-292 Wa
Trypanosoma cruzi, human, immunity, extensive review: antigenic constitution; natural immunity; humoral immune response (immunoglobulins; role of antibodies in host resistance; spleen and host resistance; complement; interferon); cell-mediated immune response (tests in vitro; delayed hypersensitivity; CMI and resistance; cytotoxicity mechanisms; macrophages); effects of immunosuppressors in Chagas' disease; immunodepression in course of Chagas' disease; evasion of immune response; auto-immune reactions; vaccination

Immunization

Brown KN; Hills LA
1979 Bull World Health Organ 57 suppl 1 135-138
Wa

Plasmodium berghei, rats rendered anemic by phenylhydrazine treatment at time of immunization showed significantly greater protection than rats given antigen alone or phenylhydrazine alone, this enhanced response could be adoptively transferred with spleen cells, possibility that autoimmune responses to modified red cell antigens might be involved in protective immunity to malaria

Immunization

Brown KN; Hills LA
1981 Tropenmed u Parasitol 32 (2) June 67-72 Wa
Plasmodium berghei, protective immunity in mice and rats is significantly enhanced by phenylhydrazine treatment, this effect generates memory, can be transferred with spleen cells, and can have both enhancing and suppressive action on protective immune response in recipients, implications for role of erythrocyte destruction in protective immunity to malaria

Immunization

Burden DJ; Hammet NC
1980 Vet Parasitol 7 (1) June 51-57 Wa
Fasciola hepatica, attempts to immunize rats using fluke eggs and in vitro culture products

Immunization

Burgess DE; Hanson WL
1980 J Parasitol 66 (2) Apr 340-342 Wa
Trypanosoma cruzi, mice, heterologous (BCG) and specific immunization, comparison of different immunization procedures

Immunization

Callow LL; Kanhai GK; Vandenberghe A
1981 Trop Animal Health and Prod 13 (2) May 79-82 Wa
Babesia bovis, demonstration of close serological relationship between strains occurring in Australia and Mozambique using indirect fluorescent antibody test, practical implication is that Australian vaccine should protect cattle being introduced into southern Africa from *B. bovis*-free environments

Immunization

Carson GA; Buening GM
1979 J South African Vet Ass 50 (4) Dec 330-331
Wa
Anaplasma marginale, cattle, immune response to live and inactivated *Anaplasma* vaccines, response to challenge, review

Immunization

Centurier C; Weiland G; Seubert S
1981 Berl u Munchen Tierarztl Wchnschr 94 (11-12) June 1 238-241 Wa
Ornithodoros moubata, immunized and non-immunized rabbits, no differences in weight gain and weights of replete ticks, course of drop off, and drop off and moulting rate; reaginic antibodies to soluble salivary gland antigen not demonstrable by passive cutaneous anaphylaxis test; intensive antibody formation occurred in immunized and non-immunized rabbits, enzyme-linked immunosorbent assay; no immunity to 2nd nymphal instars developed

Immunization

Chapman CB; Rajasekariah GR; Mitchell GF
1981 Am J Trop Med and Hyg 30 (5) Sept 1039-1042 Wa
Fasciola hepatica, mice and rats dosed with infective metacercariae of different single snail-derived clones and challenged with same or different clonal parasites, no better resistance seen with parasites of homologous clone than with heterologous clone challenge

Immunization

Chinchilla M; Guerrero OM; Portilla E
1980 Rev Biol Trop 28 (1) July 109-119 Issued
Sept Wa
Leishmania mexicana, *L. braziliensis*, hamsters immunized with dead antigen and non-immunized hamsters, effect of treatment with cortisone and challenge with live parasites

Immunization

Chulay JD; Haynes JD; Diggs CL
1981 J Infect Dis 144 (3) Sept 270-278 Wa
Plasmodium falciparum in vitro used to detect inhibitory antibody in immune *Aotus trivirgatus* griseimembra serum and to compare in vitro inhibition with in vivo resistance to infection

Immunization

Corrier DE et al
1980 Am J Vet Research 41 (7) July 1062-1065 Wa
Anaplasma marginale, cattle, comparison of 3 methods of immunization and examination of postvaccinal effects

Immunization

Corrigan W; Easton JF; Hamilton WJ
1980 Vet Rec 106 (15) Apr 12 335-339 Wa
Dictyocaulus viviparus in *Cervus elaphus* (nat. and exper.), clinical observations, commercial vaccine (Dictol) and methods of treating clinical cases evaluated, post mortem findings: Glensaugh deer farm, Kincardineshire, Scotland

Immunization

Cox FEG
1980 Nature London (5754) 284 Mar 27 304-305 Wm
monoclonal antibodies and immunity to malaria, brief review

Immunization

Dada BJO; Belino ED
1981 Internat J Zoonoses 8 (1) June 20-25 Wm
Echinococcus granulosus, sheep (exper.), vaccination with heterologous larval antigen (*Cysticercus tenuicollis*) gave greater protection than vaccination with homologous or heterologous (*Taenia hydatigena*) adult antigen

Immunization

Dagliesh RJ et al
1981 Austral Vet J 57 (1) Jan 8-11 Wa
Babesia bigemina, cattle, development of a highly infective vaccine of reduced virulence

Immunization

Davidson WR et al
1980 J Wildlife Dis 16 (4) Oct 499-508 Wa
Haemonchus contortus in *Odocoileus virginianus*, monthly (Oct.-Mar.) prevalence and intensity of infection in fawns and adults, haemonchosis/malnutrition syndrome, geographic distribution, worm recovery rates, preparturition periods, and egg production in immunized vs. nonimmunized deer exposed to challenge suggested a naturally-acquired immunity: Georgia; South Carolina; Florida

Immunization

Dean DA; Bukowski MA; Clark SS
1981 Am J Trop Med and Hyg 30 (1 pt 1) Jan
113-120 Wa
Schistosoma mansoni, acquired resistance in
infected or irradiated cercaria-immunized mice
and in normal mice to which the former had been
surgically joined (parabiotic partners),
results provide evidence that resistance in-
duced by normal infection and irradiated cer-
carial immunization differ in some fundamental
way

Immunization

Dean DA; Cioli D; Bukowski MA
1981 Am J Trop Med and Hyg 30 (5) Sept 1026-
1032 Wa
Schistosoma mansoni, mice, resistance induced
by normal and irradiated worms, ability of
various stages to serve as inducers and tar-
gets

Immunization

Deans JA; Cohen S
1979 Bull World Health Organ 57 suppl 1 93-100
Wa
Plasmodium knowlesi, localization and chemical
characterization of schizont antigens, insight
into types of preparative procedure appropriate
for purification of functionally important
malarial antigens

Immunization

Denham DA
1980 Internat J Nuclear Med and Biol 7 (2) 105-
111 Wa
filarial infections, vaccination using radia-
tion-attenuated vaccines, review

Immunization

De Rosa F et al
[1980] Riv Parassitol Roma 39 (2-3) 1978
205-212 Issued Jan Wa
echinococcosis, mice, preinjection of scolices
and irradiated scolices partially inhibits
secondary hydatid disease

Immunization

De Rosa F; Dottorini S; Pauluzzi S
1977 Ann Sclavo 19 (3) May-June 470-477 Wm
Echinococcus granulosus-infected BALB/C mice,
vaccination using pool of hydatid fluids from
bovine and ovine sources, some protective
action

Immunization

Desowitz RS; Barnwell JW
1980 Infect and Immun 27 (1) Jan 87-89 Wa
Plasmodium berghei, mice, effect of selenium
and dimethyl dioctadecyl ammonium bromide on
vaccine-induced immunity

Immunization

Despommier DD
1981 Parasite Immunol 3 (3) Autumn 261-272 Wm
Trichinella spiralis, protection-inducing anti-
gens from muscle larva, partial purification
and characterization by molecular sizing chro-
matography and preparative flatbed isoelectric
focusing

Immunization

Despommier DD; Laccetti A
1981 Exper Parasitol 51 (2) Apr 279-295 Wa
Trichinella spiralis, proteins and antigens
isolated from large-particle fraction derived
from muscle larva, characterization using vari-
ety of standard chemical and immunological pro-
cedures, ability to induce protection in mice

Immunization

Despommier DD; Laccetti A
1981 J Parasitol 67 (3) June 332-339 Wa
Trichinella spiralis, partial characterization
of antigens isolated by immuno-affinity chroma-
tography from large-particle fraction of muscle
larvae, protection of mice by immunizing with
different fractions

Immunization

DeVaney JA; Ziprin RL
1980 Poultry Science 59 (8) Aug 1742-1744 Wa
Ornithonyssus sylviiarum-infested and -reinfest-
ed White Leghorn hens (exper.), degree and
duration of acquired immunity related to ini-
tial level of infestation

Immunization

Dineen JK
1978 Epidemiol and Control Gastrointest
Parasites Sheep Australia 121-135 Wa
gastrointestinal helminths, sheep, general
nature and characteristics of immunity,
manifestations of resistance, present
situation and future prospects of vaccination,
review: Australia

Immunization

Dineen JK; Windon RG
1980 Internat J Parasitol 10 (3) June 189-196
Wa
Trichostrongylus colubriformis, effect of sire
selection on response of lambs to vaccination
with irradiated larvae

Immunization

Dineen JK; Windon RG
1980 Internat J Parasitol 10 (4) Aug 249-252
Wa
Trichostrongylus colubriformis challenge of
lambs (vaccinated responders and non-
responders and unvaccinated controls), effects
of immune response(s) on parasite as measured
by worm counts, worm lengths, numbers of eggs
in utero, and male/female sex ratios

Immunization

Dolan TT et al
1980 Vet Parasitol 6 (4) Mar 325-332 Wa
East Coast fever, protection of Bos taurus
immunized with combination of theilerial
strains and simultaneously treated with single
dose of long-acting tetracycline

Immunization

Dolan TT; Brown CGD; Cunningham MP
1980 Research Vet Sc 28 (1) Jan 132-133 Wa
Theileria parva, failure of Calmette-Guerin
(BCG) organisms to protect cattle suggests that
the host response to this non-specific immuni-
zation is poorly developed

Immunization

Downey NE
1980 Vet Rec 107 (12) Sept 20 271-275 Wa
Dictyocaulus viviparus, calves (exper.), leva-
misol, fenbendazole, effect against primary
infection and host resistance to reinfection

Immunization

Doy TG; Hughes DL; Harness E
1981 Parasite Immunol 3 (2) Summer 171-180 Wa
Fasciola hepatica, rats, heterologous protec-
tion against challenge by prior infection with
Nippostrongylus brasiliensis, resistance ap-
peared to be associated with prior induction
of intestinal eosinophilia

Immunization

Dubey JP
1981 Am J Vet Research 42 (5) May 800-804 Wa
Sarcocystis sp., similar to *S. capracanis*,
dairy goats, immunization trials using various
doses of sporocysts

Immunization

Dutta GP; Singh PP
1980 Indian J Med Research 72 July 23-32 Wa
Plasmodium knowlesi, rhesus monkeys, immune
status after curative or suppressive/
subcurative chloroquine therapy

Immunization

El-Hawey AM et al
1978 J Egypt Med Ass 61 (5-6) 433-448 Wm
S[*chistosoma*] *mansonii*, chronic infection in
Swiss albino mice, intravenous inoculation of
live bacillus Calmette Guerin (BCG) vaccine
produced nonspecific stimulation of cellular
immunity, immunoprotection against *S. mansoni*
infection, and enhancement of healing of bil-
harzial hepatic granulomas

Immunization

Emery DL et al
1981 Immunology 43 (2) June 323-336 Wa
Theileria parva, cell-mediated immune responses
during immunization and lethal or sub-lethal
infections in cattle, mixed lymphocyte reac-
tions, cell-mediated lympholysis

Immunization

Emery DL; Wells PW; Tenywa T
1980 Exper Parasitol 50 (3) Dec 358-368 Wa
Trypanosoma congolense, specific transformation
in vitro of leukocytes from infected or immu-
nized cattle

Immunization

Esteva M et al
1980 Medicina Buenos Aires 40 Suppl (1) 257 Wm
Trypanosoma cruzi, mice, immunoprotective ef-
fect of flagellar fraction obtained from dif-
ferent homogenates

Immunization

Ey PL; Prowse SJ; Jenkin CR
1981 Exper Parasitol 52 (1) Aug 69-76 Wa
Heligmosomoides polygyrus, simple method for
recovery of post-infective larvae from mouse
intestines: recovery of emergent larvae at
different times after infection, relationship
to dose, rate of emergence during incubation,
recovery of larvae from immunized mice, via-
bility of emergent larvae

Immunization

Ferrante A; Thong YH
1980 Immunol Letters 2 (1) Aug 37-41 Wm
Naegleria fowleri, immunized and non-immunized
mice, accumulation of neutrophils and macro-
phages, unique phagocytic process in neutro-
phil-mediated killing of amoeba

Immunization

Flisser A; Perez-Montfort R; Larralde C
1979 Bull World Health Organ 57 (5) 839-856 Wa
Taenia spp., immunology of human and animal
cysticercosis, review

Immunization

Francis DH; Buening GM; Amerault TE
1980 Am J Vet Research 41 (3) Mar 362-367 Wa
Anaplasma marginale, cattle, evaluation of po-
tential of dodecanoic acid conjugation of
vaccines in limiting isoimmune response;
characterization of humoral immune responses
to *Anaplasma* and erythrocyte components of
Anaplasma vaccine

Immunization

Francis DH; Buening GM; Amerault TE
1980 Am J Vet Research 41 (3) Mar 368-371 Wa
Anaplasma marginale, cattle, evaluation of
immune response and protective capacity of
dodecanoic acid-conjugated vaccines; influence
of erythrocyte antigens associated with ana-
plasma vaccine on in vivo and in vitro measure-
ments used to evaluate cell-mediated response
to *A. marginale*

Immunization

Fujisaki K; Takeuchi S; Kitaoka S
1980 Japan J Vet Sc 42 (5) Oct 587-593 Wa
Haemaphysalis longicornis, rabbits repeatedly
infested with female ticks, development of
acquired resistance and production of
precipitating and complement-fixing antibodies

Immunization

Furukawa T; Niwa A; Miyazato T
1981 Internat J Parasitol 11 (4) Aug 287-300 Wa
Hymenolepis nana, structural changes of onco-
sphere associated with postembryonic develop-
ment in unimmunized mice, damage to larvae
possibly attributable to host immunity in immu-
nized mice, ultrastructural level, interaction
between host cells and parasite

Immunization

Gallie GJ; Sewell MMH
1981 Trop Animal Health and Prod 13 (3) Aug
147-154 Wa
Taenia saginata, calves, immunity to oral
challenge following intramuscular inoculation
with oncospheres, migration of parasites from
inoculation sites; parenteral inoculation of
calves by different routes and intramuscular
inoculation of (previously orally infected or
uninfected) adult cattle also studied; enzyme-
linked immunosorbent assay more sensitive in
detecting antibodies in infected calves than
indirect haemagglutination test

Immunization

Gamal-Eddin FM; Aboul-Atta AM
1979 J Egypt Soc Parasitol 9 (2) Dec 505-540 Wa
infected snail hepatopancreas antigen, for
active immunization against *Schistosoma mansoni*,
with new records of abnormal morphogenesis and
orientation mechanism among recovered worms

Immunization

Gass RF; Tanner M; Weiss N
1979 Ztschr Parasitenk 61 (1) 73-82 Wa
Dipetalonema viteae third-stage larvae, de-
velopment within micropore chambers implanted
into jirds, hamsters, normal and immunized
mice; antibody production against cuticle and
common antigens by immunized mice led to in-
hibited third- and fourth-stage larvae, in-
creased larval mortality, and impaired larval
motility

Immunization

Gemmell MA; Johnstone PD
1981 Research Vet Sc 30 (1) Jan 53-56 Wa
Taenia hydatigena, sheep, duration of acquired immunity to embryo, reorganizing larva, and metacystode in absence of further egg infections, confirmation that original and superimposed cyst populations can coexist

Immunization

Ghadirian E; Meerovitch E; Hartmann DP
1980 Am J Trop Med and Hyg 29 (5 pt 1) Sept 779-784 Wa
Entamoeba histolytica, hamsters, protection against amebic liver abscess by immunization with amebic antigen and some of its fractions, splenomegaly found to accompany development of abscesses (high degree of correlation between weights of abscesses and of spleens), no correlation between anti-amebic antibody titers and gross pathology

Immunization

Giambrone JJ; Klesius PH
1980 Poultry Science 59 (8) Aug 1715-1721 Wa
Eimeria spp., correlation between resistance and delayed hypersensitivity reactions in chickens previously immunized by repeated infections with living parasites or Coccivac D; immunologic cross reactivity of *E. tenella*, *E. necatrix*, *E. maxima*, and *E. bovis*

Immunization

Giambrone JJ; Klesius PH; Edgar SA
1980 Poultry Science 59 (1) Jan 38-43 Wa
Coccivac D-immunized chickens, cell-mediated immune (CMI) response to challenge with *Eimeria necatrix* and *E. tenella* measured by delayed hypersensitivity wattle test and leukocyte stimulation, correlation of CMI with disease resistance

Immunization

Gill BS et al
1980 Research Vet Sc 29 (1) July 93-97 Wa
Theileria annulata, susceptible calves, immunological relationships among 5 Indian strains (virulence, protection against homologous and heterologous challenges)

Immunization

Gill BS; Bhattacharyulu Y; Kaur D
1977 Ann Soc Belge Med Trop 57 (6) Dec 557-567 Wa
Theileria annulata, calves (exper.), relationship between level of infection and severity of ensuing reaction, varying levels of *Hyalomma dromedarii* infestation, inoculation with tissue suspensions of pooled vs. individual ticks and of engorged vs. unengorged ticks, susceptibility of calves to challenge infection

Immunization

Gonzalez Cappa SM et al
[1981] J Protozool 27 (4) Nov 1980 467-471
Issued Mar 11 Wa
Trypanosoma cruzi, mice immunized with whole homogenate or flagellar fraction, relation of humoral antibody response to protection evaluated by direct agglutination and indirect fluorescent antibody test as well as by lytic and neutralizing activity against blood trypomastigotes, histopathology

Immunization

Goven AJ; De Buysscher EV
1980 J Parasitol 66 (2) Apr 346-347 Wa
Nematospiroides dubius, mice, immunization with double-emulsion adjuvant + parasite antigen

Immunization

Goven BA; Dawe DL; Gratzek JB
1980 J Fish Biol 17 (3) Sept 311-316 Wa
Ichthyophthirius multifiliis, immunization of *Ictalurus punctatus* using ciliary and whole cell antigens of *I. multifiliis* and *Tetrahymena pyriformis*, *T. pyriformis* ciliary antigens provided greatest degree of protection

Immunization

Goven BA; Dawe DL; Gratzek JB
1981 Aquaculture 23 (1-4) Apr 269-273 Wa
Ichthyophthirius multifiliis, protective immunity of *Ictalurus punctatus* against challenge infections by immunization with varying doses of *Tetrahymena pyriformis* ciliary antigen

Immunization

Grimwood BG
1980 Infect and Immun 28 (2) May 532-535 Wa
Toxoplasma gondii, infective trophozoites attenuated by ultraviolet irradiation, may be useful in vaccines

Immunization

Grothaus GD; Kreier JP
1980 Infect and Immun 28 (1) Apr 245-253 Wa
Plasmodium berghei, isolation of soluble component which induces immunity in rats

Immunization

Groupe de Travail Scientifique sur la Filariose
1981 Bull World Health Organ 59 (2) 205-212 Wa
Wuchereria bancrofti, *Brugia malayi*, *B. timori*, current knowledge on various aspects of immunodiagnosis, immunopathology, and immunization, review

Immunization

Grun JL; Weidanz WP
1981 Nature London (5802) 290 Mar 12 143-145 Wa
Plasmodium chabaudi adami infection in B-cell-deficient mice results in activation of T-cell-dependent immune mechanism which terminates acute malaria in similar way to that in immunologically intact mice, these immunized B-cell-deficient mice were resistant to homologous challenge and *P. vinckei* challenge but not to *P. yoelii* or *P. berghei*

Immunization

Gwadz RW et al
1979 Bull World Health Organ 57 suppl 1 165-173 Wa
Plasmodium knowlesi, vaccination of rhesus monkeys with irradiated sporozoites, antibody response; *P. berghei*, *P. knowlesi*, characterization of surface antigens

Immunization

Gwadz RW; Carter R; Green I
1979 Bull World Health Organ 57 suppl 1 175-180 Wa
malaria, gamete vaccines and transmission-blocking immunity, review

Immunization

Haas B; Wenk P
1981 Tr Roy Soc Trop Med and Hyg 75 (1) 143-144
Wa
Litomosoidea carinii, cotton-rats, turnover of microfilariae is more or less equal in both patent and immunized animals but in the latter nearly all microfilariae are eliminated before entering circulating blood so that patency is prevented

Immunization

Hafeez M; Rao BV
1981 J Helminth 55 (1) Mar 29-32 Wa
Cercariae indicae XXVI (Paramphistomum epiclitum), gamma-irradiated metacercariae, development and pathogenicity in lambs and kids, immunization of lambs and kids

Immunization

Hagan P et al
1981 Parasite Immunol 3 (2) Summer 149-156 Wa
Nematospiroides dubius, stimulation of immunity in mice using larvae attenuated by cobalt 60 irradiation

Immunization

Hajduk S; Vickerman K
1981 Tr Roy Soc Trop Med and Hyg 75 (1) 145-146
Wa
Trypanosoma brucei, variable antigen types in metacyclic population and in first parasitaemia population in fly-bitten mice, conclusions of possible relevance to vaccination

Immunization

Hamburger J; Ben-Sasson SA
1981 Tropenmed u Parasitol 32 (1) Mar 43-47 Wa
Schistosoma mansoni, comparison of sera from chronically infected mice vs. sera from mice immunized with soluble worm antigen (antibody titers to unmodified and modified schistosomula in indirect fluorescent antibody test; passive protective activity; in vitro cytotoxic antibody activity); induction of antibodies by modified schistosomula, cross-testing of this antisera against modified and unmodified schistosomula

Immunization

Haroun EM; Hammond JA; Sewell MMH
1980 Research Vet Sc 29 (3) Nov 310-314 Wa
Fasciola hepatica, resistance in rats and rabbits following implantation of adult flukes contained in diffusion chambers

Immunization

Harris RE; Revfeim KJA; Heath DD
1980 J Hyg Cambridge 84 (3) June 389-404 Wa
Echinococcus granulosus, Taenia hydatigena, T. ovis, deterministic model to compare various control strategies for parasites having 2 hosts

Immunization

Heath DD; Lawrence SB
1981 Internat J Parasitol 11 (4) Aug 261-266 Wa
Echinococcus granulosus, effect of sera from sheep infected with or immunized against cysts or oncospheres and developing cysts grown in vitro, study also provides new information on early metamorphosis of oncosphere to developing cyst as well as modification of culture media of Heath & Lawrence (1976)

Immunization

Heath DD; Lawrence SB; Yong WK
1979 Research Vet Sc 27 (2) Sept 210-212 Wa
Echinococcus granulosus, Taenia hydatigena, T. ovis, lambs, cross-protection from oral challenge with eggs from either homologous or heterologous species

Immunization

Heath DD; Parmeter SN; Osborn PJ
1980 Research Vet Sc 29 (3) Nov 388-389 Wa
Taenia hydatigena, dogs, immunization by macromolecular secretions from cultured worms resulted in high serum antibody titre to antigens but no immunity was induced to challenge infection

Immunization

Heller-Haupt A; Varma MRG; Langi AO
1981 Tr Roy Soc Trop Med and Hyg 75 (1) 147-148
Wa
4 species of ixodid ticks on laboratory animals, acquired resistance to secondary infestation with same species but either partial or no resistance to infestation with another species

Immunization

Hendriks J; van Vliet G
1980 Tijdschr Diergeneesk 105 (18) Sept 15 764-770 Wa
lungworm vaccination in calves

Immunization

Herbert WJ; Joshua RA; White RG
1981 Tr Roy Soc Trop Med and Hyg 75 (1) 149 Wa
Trypanosoma brucei in Gallus domesticus (exper.), course of infection, self-cure, subsequent immunity to challenges that contained many variable antigen types, may be useful model host

Immunization

Hillyer GV
1981 J Parasitol 67 (5) Oct 731-733 Wa
Schistosoma mansoni-infected mice develop resistance to infection with Fasciola hepatica

Immunization

Hinaidy HK
1981 Berl u Munchen Tierarztl Wchnschr 94 (7) Apr 1 121-125 Wa
Babesia divergens, cattle (nat. and exper.), immunization with formalin-killed vaccine showed highest immunogenicity in indirect fluorescent antibody test as compared with β -propiolactone- or with a lyophilized vaccine; effective immunization of cattle in endemic areas in Styria using formalin-vaccine

Immunization

Holbrook TW; Cook JA; Parker BW
1981 Infect and Immun 32 (2) May 542-546 Wa
Plasmodium berghei, mice, strong adjuvant effect of glucan injected simultaneously with killed erythrocytic stages of parasite

Immunization

Holbrook TW; Cook JA; Parker BW
1981 Am J Trop Med and Hyg 30 (4) July 762-768
Wa
Leishmania donovani, mice, immunization, glucan as adjuvant with killed promastigotes, glucan injected alone elicited lesser degree of (nonspecific) resistance

Immunization

Hsu HF; Hsu SYL; Eveland LK
1980 Chinese Med J 93 (5) May 297-312 Wm
schistosomiasis vaccination, historical development, present status and future prospects, extensive bibliography

Immunization

Hsu SYL; Hsu HF; Burmeister LF
1981 Exper Parasitol 52 (1) Aug 91-104 Wa
Schistosoma mansoni, mice, vaccination with highly x-irradiated cercariae, bioengineering method used to improve immunization effect, age susceptibility to infection and duration of acquired immunity also studied

Immunization

Hudson L
1981 Tr Roy Soc Trop Med and Hyg 75 (4) 493-498 Wa
Trypanosoma cruzi, modelling the host and the parasite (in vivo and in vitro studies), immune response (immunity to infection, immunity and pathogenesis, immunization and immunoprophylaxis), monoclonal antibodies as immunological tools, review

Immunization

Hughes DL; Harness E; Doy TG
1981 Research Vet Sc 30 (1) Jan 93-98 Wa
Fasciola hepatica, rats, capability of different parasite stages to induce immunity, susceptibility of various stages to immunological attack

Immunization

Hughes HPA; Dixon B
1980 Ann Trop Med and Parasitol 74 (2) Apr 115-126 Wa
Plasmodium gallinaceum, chicks, vaccination by erythrocytic and exoerythrocytic parasites attenuated by gamma irradiation

Immunization

Hurley JC; Day KP; Mitchell GF
1980 Austral J Exper Biol and Med Sc 58 (3) June 231-240 Wa
Nematospiroides dubius, accelerated rejection of intestinal worms in mice sensitized with adult worms or worm products by various routes, host age, sex, and strain as factors; some slight degree of cross-sensitization with *Nippostrongylus brasiliensis*

Immunization

Hussein MF
1980 Tr Roy Soc Trop Med and Hyg 74 (5) 559-560 Wa
Schistosoma bovis, prospects for control in Sudanese cattle by vaccination, review

Immunization

Irvin AD; Boarer CDH
1980 Parasitology 80 (3) June 571-579 Wa
Theileria, implications of sexual cycle (taxonomy, genetics, practical implications, vaccination)

Immunization

Itaya T et al
1980 Internat Arch Allergy and Applied Immunol 62 (4) 389-396 Wm
suppressive effects of various adjuvants on IgE antibody response of mice when given at certain times before immunization, DNP-*Ascaris* used as antigen

Immunization

Ito A
1980 Exper Parasitol 49 (2) Apr 248-257 Wa
Hymenolepis nana in 2 different mouse strains, time lag prior to acquisition of late immune response directed against mouse-derived cysts, survival of worms in primary infections induced by eggs, mechanism of worm survival in immunized mouse host in relation to immunogenicity of cysts and adult worms

Immunization

Jagdish S; Singh DK; Gautam OP
1980 Indian Vet J 57 (2) Feb 177-178 Wa
Theileria annulata, calves (exper.), reverin, simultaneous infection and treatment protected against challenge infections

Immunization

Jain P; Sawhney S; Vinayak VK
1980 Tr Roy Soc Trop Med and Hyg 74 (3) 347-350 Wa
Entamoeba histolytica, guinea pigs immunized with low grade infection, protection against subsequent challenge, humoral (indirect haemagglutination and countercurrent immunoelectrophoresis tests) and cell-mediated (macrophage migration inhibition test) immune responses in immunized and unimmunized animals

Immunization

James ER
1980 Internat J Nuclear Med and Biol 7 (2) 125-132 Wa
production and cryopreservation of schistosomula for use in vaccination, review

Immunization

James MA; Alger NE
1981 Internat J Parasitol 11 (3) June 217-220 Wa
Plasmodium berghei, mice, treatment with carrageenan (reported anti-macrophage agent) conferred partial immunity

Immunization

Jenkins DC; Carrington TS
1981 Parasitology 82 (2) Apr 311-318 Wa
Nematospiroides dubius, course of primary, secondary, and tertiary infections in high and low responder Biozzi mice, results imply that host antibodies play essential role in immunity to this parasite and that resistance cannot be attributed solely to non-specific macrophage activity or cell-mediated immune reactions

Immunization

Jenni L; Brun R
1981 Tr Roy Soc Trop Med and Hyg 75 (1) 150-151 Wa
Trypanosoma brucei, in vitro cultures initiated with metacyclic forms, antigenic variation, immunization of mice

Immunization

Johnson RP; Chi LW
1981 Am J Trop Med and Hyg 30 (5) Sept 952-954 Wa
Trypanosoma brucei, mice, immunization, N-methyl-N'-nitro-N-nitrosoguanidine tested as attenuating agent

Immunization

Kaliraj P; Ghirnikar SN; Harinath BC
1981 Indian J Exper Biol 19 (3) Mar 287-288 Wa
Wuchereria bancrofti, rabbits, immune response to microfilarial antigen

Immunization

Kelly, JD; Campbell NJ
1979 Research Vet Sc 27 (2) Sept 205-209 Wa
Fasciola hepatica, rats, sheep, effect of route of infection on acquired resistance

Immunization

Kelly JD; Campbell NJ; Dineen JK
1980 Vet Parasitol 6 (4) Mar 359-367 Wa
Fasciola hepatica, rats, passage of juvenile flukes through gut was not essential for either acquisition or expression of acquired resistance

Immunization

Kierszenbaum F
1979 Tropenmed u Parasitol 30 (3) Sept 287-288 Wa
Trypanosoma cruzi, immunization, inherent difficulties of uniform comparative evaluation of antigenic preparations

Immunization

Kilejian A
1980 Am J Trop Med and Hyg 29 (5 pt 2) Sept 1125-1128 Wa
prospects and problems in use of recombinant DNA for production of malaria vaccine

Immunization

Kilejian A
1981 Exper Parasitol 52 (2) Oct 291 Wa
Plasmodium lophurae, immunogenicity of histidine-rich protein, response to McDonald, V.; et al., 1981, Exper. Parasitol., v. 51 (2), 195-203

Immunization

Knight RA
1980 Proc Helminth Soc Washington 47 (2) July 186-191 Issued Aug 25 Wa
Fasciola hepatica, response of lambs to challenge infections after repeated inoculations with cysts, no indication of resistance other than significantly small worms in repeatedly infected lambs

Immunization

Knopf PM; Cioli D
1980 Internat J Parasitol 10 (1) Feb 13-19 Wa
Schistosoma mansoni, rats, resistance to infection with cercariae induced by transfer of live adult worms, concurrent induction of peripheral eosinophilia and anti-worm antibodies correlated with induction of resistance

Immunization

Kuttler KL; Johnson LW
1980 Am J Vet Research 41 (4) Apr 536-538 Wa
Babesia bigemina, adult intact cattle, splenectomized calves, immunization with Freund's complete adjuvant-vaccine containing B. bigemina antigen

Immunization

Langhorne J et al
1979 Trop Dis Research Ser (1) 205-228 Wa
Plasmodium knowlesi, vaccination of previously splenectomized Macaca mulatta with merozoites, results of challenge infection; effects of splenectomy on clinical immunity of immunized M. mulatta and Callithrix jacchus which were previously resistant to repeated challenge infection; in vitro growth of parasites in presence of immune spleen cells from M. mulatta and M. fascicularis

Immunization

Leef JL; Strome CPA; Beaudoin RL
1979 Bull World Health Organ 57 suppl 1 87-91 Wa
Plasmodium berghei, low-temperature preservation of sporozoites, source of potential antigen in development of malaria vaccine

Immunization

Lelchuk R; Playfair JHL
1980 Clin and Exper Immunol 42 (3) Dec 428-435 Wa
Plasmodium berghei, P. yoelii, unvaccinated and vaccinated mice, non-specific immunosuppression, 2 distinct types, may be either harmful or beneficial to host depending on response concerned

Immunization

Leon LL et al
1980 Infect and Immun 27 (1) Jan 38-43 Wa
Trypanosoma cruzi epimastigotes, polyribosomal fraction, immunogenic and protective activity in mice

Immunization

Lewis D et al
1981 J Comp Path 91 (2) Apr 285-292 Wa
Babesia divergens, splenectomized calves (exper.), effect of imidocarb dipropionate prophylaxis on course of infection and on subsequent immunity to homologous challenge

Immunization

Lewis D; Purnell RE; Brocklesby DW
1980 Vet Parasitol 6 (4) Mar 297-303 Wa
Babesia divergens, intact calves, protection against challenge with heterologous strain by injection of irradiated piroplasm

Immunization

Licois D; Coudert P
1980 Ann Recherches Vet 11 (3) 273-278 Wa
Eimeria intestinalis, rabbits (exper.), immunization, unsuccessful attempts to suppress immunity using immunodepressors, an antibiotic, Escherichia coli, and Eimeria piriformis

Immunization

Litschgi MS et al
1980 Fortschr Med 98 (41) Nov 6 1624-1627 Wm
Trichomonas vaginalis, women, vaginal infections, Solcotrichovac vaccine therapy (contains inactivated Lactobacillus acidophilus)

Immunization

Lloyd S
1981 Parasitology 83 (1) Aug 225-242 Wa
progress in immunization against parasitic helminths (immunization with irradiation-attenuated helminths, with helminth extracts, and with in vitro-produced metabolites, isolation and characterization of functional antigens, non-specific immunization, heterologous immunization, oral immunization)

Immunization

Long E et al
1980 Parasitology 81 (2) Oct 355-371 Wa
Schistosoma mansoni, factors affecting acquisition of resistance in the mouse, effect of varying route and number of primary infections, correlation between size of primary infection and degree of resistance that is acquired

Immunization

Long PL; Johnson J; Reyna P
1980 Avian Dis 24 (2) Apr-June 435-445 Wa
Eimeria spp., broiler chicks (nat. and exper.), use of sentinel birds to monitor potential coccidial challenge, technique may be used to monitor effectiveness of anticoccidial drugs or the immune status of chickens

Immunization

Luther DG; Cox HU; Nelson WO
1980 Am J Vet Research 41 (12) Dec 2085-2086 Wa
anaplasmosis, comparisons of complement-fixation and card-agglutination tests with calf inoculations for detection of carriers in herd of cattle 15 months after discontinuing vaccination for anaplasmosis

Immunization

McDonald V et al
1981 Exper Parasitol 51 (2) Apr 195-203 Wa
Plasmodium lophurae, immunization of Pekin ducklings with different antigen preparations

Immunization

McDonald V; Sherman IW
1980 Clin and Exper Immunol 42 (3) Dec 421-427 Wa
Plasmodium chabaudi-immunized mice, lack of correlation between delayed-type hypersensitivity (DTH) and host resistance, DTH depression in immunized challenged mice coincided with steep rise in titre of malarial antibody

Immunization

McDonald V; Sherman IW
1980 Exper Parasitol 49 (3) June 442-454 Wa
Plasmodium chabaudi, mice, immunization, protection, humoral and cell-mediated responses, passive transfer experiments, depressed delayed-type hypersensitivity reactions but increased titers of malarial antibody after challenge

Immunization

McGowan MJ et al
1980 J Parasitol 66 (1) Feb 42-48 Wa
Amblyomma maculatum, performance of ticks fed on immunized vs. nonimmunized Oryctolagus cuniculi

Immunization

McGregor IA
1979 Bull World Health Organ 57 suppl 1 267-271 Wa
malaria, basic considerations concerning field trials of vaccines in human populations

Immunization

McHardy N; Elphick JP
1980 Tr Roy Soc Trop Med and Hyg 74 (5) 670-671 Wa
Trypanosoma cruzi, establishment of persistent infection in vaccinated mice challenged with very low numbers of trypomastigotes

Immunization

Mahoney DF; Wright IG; Goodger BV
1980 Ztschr Parasitenk 62 (1) 39-45 Wa
Babesia bovis, changes in haemolytic activity of serum complement during acute infection of susceptible and immunized Bos taurus (exper.), activity of alternative pathways, effect of kinin inhibition

Immunization

Mahoney DF; Wright IG; Goodger BV
1981 Vet Immunol and Immunopath 2 (2) Apr 145-156 Wa
Babesia bovis, cattle, immunization with fractions of infected erythrocytes

Immunization

Majid AA et al
1980 Am J Trop Med and Hyg 29 (3) May 452-455 Wa
Schistosoma bovis, calves, field testing of irradiated schistosomula vaccine: Kosti, Sudan

Immunization

Malek EA
1981 Ztschr Parasitenk 65 (2) 137-142 Wa
Heterobilharzia americana, mice (exper.), challenge with Schistosoma mansoni at different time intervals, S. mansoni worm recovery rates and number of eggs deposited in host tissue, concluded that a patent infection with H. americana is necessary to confer immunity against challenge infection with S. mansoni

Immunization

Mao K et al
1980 Tung Wu Hsueh Pao (Acta Zool Sinica) 26 (2) June 160-164 Wa
Ascaris lumbricoides, immunization of white mice with ⁶⁰Co irradiated infective ova

Immunization

Mehta K; Subrahmanyam D; Sindhu RK
1981 Acta Trop 38 (3) Sept 319-324 Wa
Litomosoides carinii, rats, efficacy of homologates of different parasite developmental stages in conferring immunity to challenge infection

Immunization

Mendis KN; Targett GAT
1981 Tr Roy Soc Trop Med and Hyg 75 (1) 158-159 Wa
Plasmodium yoelii, mice, immunization to produce transmission-blocking immunity, nature of anti-gamete immunity produced by vaccination, factors that determine infectivity of gametocytes in non-vaccinated animals

Immunization

Miller KL; Smithers SR
1980 Exper Parasitol 50 (2) Oct 212-221 Wa
Schistosoma mansoni, attrition of challenge infection in mice immunized with highly irradiated live cercariae

Immunization

Miller KL; Smithers SR; Sher A
1981 Parasite Immunol 3 (1) Spring 25-31 Wa
Schistosoma mansoni, response of immune mice to challenge infection which bypasses the skin, evidence for two mechanisms of immunity

Immunization

Minter-Goedbloed E
1981 Tr Roy Soc Trop Med and Hyg 75 (3) 345-349 Wa
Trypanosoma b. brucei and T. b. rhodesiense in chickens infected as embryos or as adult birds, acquired resistance against reinfection, implications of findings with regard to potential role of chickens and other birds as reservoir hosts

Immunization

Miremad-Gassmann M
1981 Acta Trop 38 (2) June 137-147 Wa
Moniliformis moniliformis, antigenic analysis of metabolic and somatic antigens, localization of antigens, IgG antibody response in primary infections and reinfections in Rattus norvegicus, modification of antigens during infection, worm expulsion (after 4 weeks in female hosts and 8 weeks in male hosts), resistance to re-infection

Immunization

Mitchell GBB; Armour J
1980 Research Vet Sc 29 (3) Nov 373-377 Wa
Taenia saginata, failure to protect calves using antigens prepared from in vitro cultivation of larval stage

Immunization

Mitchell GBB; Armour J
1981 Research Vet Sc 30 (3) May 343-348 Wa
Fasciola hepatica, sheep, effect of prior nematode and cestode infection on course of infection, investigation of cross-immunizing properties of these parasites per se and modification of any protective effect conferred by immunomodulatory compound levamisole

Immunization

Mitchell GF; Curtis JM; Handman E
1981 Austral J Exper Biol and Med Sc 59 (5) Oct 555-565 Wa
Leishmania tropica, various means of increasing resistance to cutaneous leishmaniasis attempted in genetically susceptible BALB/c mice, aspects of mouse strain variation in susceptibility examined

Immunization

Mitchell GH et al
1979 Bull World Health Organ 57 suppl 1 189-197 Wa
Plasmodium knowlesi, vaccination of Macaca m. mulatta and M. fascicularis, investigation of nor-MDP, saponin, corynebacteria, and pertussis organisms as immunological adjuvants

Immunization

Mrema JEK et al
1979 Bull World Health Organ 57 suppl 1 63-68 Wa
Plasmodium falciparum, harvest of merozoites from continuous culture, implications for development of human malaria vaccine

Immunization

Mukerji K et al
1981 J Biosc 3 (1) Mar 77-82 Wa
Ascaris lumbricoides, guinea pigs, immunization, immediate hypersensitivity following challenge, characterization of cytotoxic antibodies, skin tests in Ascaris-positive human subjects, concluded that guinea pig is suitable model for testing human Ascaris allergens

Immunization

Murphy JR
1981 Infect and Immun 33 (1) July 199-211 Wa
Plasmodium berghei, nonspecific resistance in some strain B6D2 (but not strain A or ICR) mice generated in response to Mycobacterium bovis infection or Corynebacterium parvum stimulation, protected mice have capacity to produce humoral factor with anti-P. berghei activity

Immunization

Murphy JR; Carter PB; MacDonald TT
1980 Infect and Immun 29 (2) Aug 827-830 Wa
Plasmodium berghei, failure of vaccination with formalized blood parasites to protect athymic nu/nu mice; course of infections in vaccinated-protected nu/+ mice varied markedly

Immunization

Murray M et al
1979 Acta Trop 36 (4) Dec 297-322 Wa
Nippostrongylus brasiliensis, rats, immunization with killed adult worm antigen, parameters which influence level of protection (use of adjuvant; dose of antigen; number of doses and interval between them; route of administration)

Immunization

Murrell KD
1980 Exper Parasitol 50 (3) Dec 417-425 Wa
Strongyloides ratti, resistance to challenge infection in previously infected rats, sites of elimination of migrating challenge worms in immunized rats, single vs. multiple immunizations with live larvae, immunization with heat-killed infective larvae, expulsion of adult worms from gut of resistant rats

Immunization

Mutinga MJ; Ngoka JM
1981 Insect Sc and Its Applic 1 (2) 207-210 Wa
Phlebotomus spp., bloodmeal analysis, examination for promastigotes, incidence of leishmania parasites in lizards, incidence of human kala-azar, possible role of vectors of lizard leishmaniasis in partial immunization of human population against L. donovani in kala-azar endemic areas: Kenya

Immunization

Nabih I
1981 Cellular and Molec Biol 27 (2-3) 279-282 Wa
Schistosoma mansoni, extract from chemically pretreated Biomphalaria snails protected mice from infection and caused destruction of infection in mice already infected

Immunization

Nantulya VM; Doyle JJ; Jenni L
1980 Parasitology 80 (1) Feb 133-137 Wa
Trypanosoma congolense, experimental immunization of mice against tsetse fly challenge

Immunization

Neal RA; Johnson P
1977 Acta Trop 34 (1) Mar 87-96 Wa
Trypanosoma cruzi, mice, immunization using killed antigens and with saponin as adjuvant

Immunization

Nussenzweig R
1980 Internat J Nuclear Med and Biol 7 (2) 89-96 Wa
malaria, use of radiation-attenuated sporozoites in immunoprophylaxis, review

- Immunization**
Nwaorgu OC; Connan RM
1980 J Helminth 54 (3) Sept 223-232 Wa
Strongyloides papillosus, migration in rabbits following infection by oral and subcutaneous routes; prolonged presence of larvae in muscles may be analogous to arrested development of other nematodes, immunity is unimportant factor in aetiology of arrested development in this case since deliberate immunization resulted in very few larvae in muscles upon challenge
- Immunization**
Oakley GA
1980 Vet Rec 107 (8) Aug 23 166-170 Wa
Dictyocaulus viviparus, calves (exper.), comparative efficacy of levamisole and diethyl-carbamazine citrate and development of protective immunity following treatment
- Immunization**
O'Donnell IJ et al
1980 Austral J Biol Sc 33 (1) Mar 27-34 Wa
Lucilia cuprina, fly-struck sheep, serum IgG antibodies to larval antigens in solid-phase radioimmunoassay, more severe myiasis in previously struck vs. unstruck sheep when subjected to standard larval challenge, immunosuppressive therapy reduces extent of myiasis
- Immunization**
Ogunrinade A
1979 Research Vet Sc 27 (2) Sept 238-239 Wa
Fasciola gigantica irradiated at different doses, assessment of attenuation in hamsters
- Immunization**
Olds GR et al
1980 J Infect Dis 141 (4) Apr 473-478 Wa
Schistosoma mansoni, induction of resistance using synthetic adjuvants (natural cord factor and lower homologues), gives partial protection and enhances acquired immunity in mice with primary infections
- Immunization**
Olveda RM; Olds GR; Mahmoud AAF
1981 Am J Path (471) 104 (2) Aug 150-158 Wa
Schistosoma mansoni-infected and uninfected mice, quantification of pulmonary inflammatory response around schistosomula, correlation with acquired resistance, augmented inflammation and enhanced protection induced by prior sensitization with dead schistosomula or eggs and by adoptive transfer of serum, serum activity shown to reside in fraction containing IgG₁
- Immunization**
Onawunmi OA; Coles GC
1980 Research Vet Sc 29 (1) July 122-123 Wa
Taenia hydatigena, sheep, immunization with T. hydatigena oncosphere culture antigens
- Immunization**
Orjih AU; Cochrane AH; Nussenzweig RS
1981 Nature London (5813) 291 May 28-June 4 331-332 Wa
Plasmodium berghei, protection against sporozoite-induced infection of very young and adult mice immunized intramuscularly with radiation-attenuated sporozoites, protection against sporozoite-induced infection of infants born to and nursed by sporozoite-immunized adult female mice
- Immunization**
Orjih AU; Nussenzweig RS
1980 Am J Trop Med and Hyg 29 (3) May 343-347 Wa
Plasmodium berghei, mice, immunization with cryopreserved irradiated sporozoites
- Immunization**
Osaki H; Furuya M; Oka M
1979 Zentralbl Bakteriol 1 Abt Orig Reihe A 245 (1-2) Oct 254-261 Wa
Trypanosoma gambiense, immunogenicity and property of antigens obtained from infected mouse blood, resistance of immunized mice against challenge infections
- Immunization**
Osborn PJ; Heath DD; Parmeter SN
1981 Research Vet Sc 31 (1) July 90-92 Wa
Taenia ovis, lambs, immunization by injection of vaccine prepared from T. ovis eggs, significant degree of resistance to oral challenge
- Immunization**
Pacheco ND; McConnell E; Beaudoin RL
1979 Bull World Health Organ 57 suppl 1 159-163 Wa
Plasmodium berghei, mice, duration of immunity following single vaccination with irradiated sporozoites
- Immunization**
Paull NI; et al
1980 Austral Vet J 56 (6) June 267-271 Wa
Anaplasma marginale, Bos indicus-cross calves, epidemiologic aspects in 2 endemic areas, clinical, haematological, and serological responses in vaccinated and unprotected calves, seasonal activity of Boophilus microplus, complement fixation test most effective in detection of recent infections: northern Queensland
- Immunization**
Pauluzzi S et al
[1980] Riv Parassitol Roma 39 (2-3) 1978 213-217 Issued Jan Wa
Echinococcus granulosus, mice, immunogenic fractions of scolices used as vaccinating antigens
- Immunization**
Peresan G; Cioli D
1980 Am J Trop Med and Hyg 29 (6) Nov 1258-1262 Wa
Schistosoma mansoni, mice, resistance to cercarial challenge after adult worm transfer
- Immunization**
Phillips SM; Reid WA
1980 Internat J Nuclear Med and Biol 7 (2) 173-186 Wa
Schistosoma mansoni, rats, effect of exposure to various immunizing regimens upon subsequent resistance, studies on mechanism for development of optimal protective immunity
- Immunization**
Pipano E
1979 J South African Vet Ass 50 (4) Dec 332-333 Wa
Theileria annulata, in vitro cultivation of schizonts, use as cattle vaccine, some aspects of virulence and immunogenicity

- Immunization**
 Pipano E et al
 1981 Brit Vet J 137 (4) July-Aug 416-420 Wa
Theileria annulata, highly susceptible Israeli Friesian calves, immunization by infection-treatment method
- Immunization**
 Playfair JHL
 1979 Bull World Health Organ 57 suppl 1 245-246 Wa
 Plasmodium yoelii, role of macrophages in lethal infection and in mice protected by immunization
- Immunization**
 Powell C; Mathaba LT
 1978 Med J Zambia 12 (3) June-July 67-69 Wm
T[rypanosoma] rhodesiense, sheep inoculated with homogenate vs. sheep inoculated with 'fraction 3', IgG and IgM antibody response, degree of immunoprotection against challenge with *T[rypanosoma] vivax*
- Immunization**
 Powell RD
 1979 Bull World Health Organ 57 suppl 1 273-275 Wa
 malaria, considerations in vaccine development
- Immunization**
 Purnell RE et al
 1979 J South African Vet Ass 50 (4) Dec 339-344 Wa
Babesia divergens, isolation, cryopreservation, and characterisation of isolates, preparation of irradiated blood-derived vaccine, subsequent inoculation into calves produced immune response without pathogenic effects, field trials: British Isles
- Immunization**
 Purnell RE et al
 1981 Vet Rec 108 (2) Jan 10 28-31 Wa
Babesia divergens, calves inoculated with irradiated infected blood were completely protected against field challenge, clinical, serologic, and haematologic results: Dorset
- Immunization**
 Purnell RE; Lewis D
 1981 Research Vet Sc 30 (1) Jan 18-21 Wa
Babesia divergens, cattle, combination of dead and live parasites in irradiated vaccine
- Immunization**
 Purnell RE; Lewis D; Young ER
 1981 Vet Rec 108 (25) June 20 538-539 Wa
Babesia divergens, splenectomised calves, quinuronium sulphate inoculated at various times, animals resisted subsequent challenge but remained as carriers of the parasite
- Immunization**
 Rajasekariah GR; Howell MJ
 1980 Research Vet Sc 29 (1) July 124-125 Wa
Fasciola hepatica, rats, assay of glutamate dehydrogenase as measure of liver damage and hence of resistance to challenge infection
- Immunization**
 Rajasekariah GR; Mitchell GF; Rickard MD
 1980 Internat J Parasitol 10 (2) Apr 155-160 Wa
Taenia taeniaeformis, mice, protective immunization with oncospheres and their products
- Immunization**
 Rajasekariah GR; Rickard MD; Mitchell GF
 1980 Internat J Parasitol 10 (4) Aug 315-324 Wa
Taenia taeniaeformis, mice, immunization using various antigens prepared from eggs, oncospheres, developing larvae, and *strobilocerci*, effect of route of administration of antigen and of no adjuvant vs. various adjuvant preparations
- Immunization**
 Rao YVBG et al
 1980 Indian J Med Research 72 July 42-46 Wa
Litomosoides carinii, albino rats, immunization using irradiated larvae
- Immunization**
 Rezai HR et al
 1980 Acta Trop 37 (1) Mar 21-29 Wa
Toxoplasma gondii, mice, immunity induced by homologous and heterologous organisms
- Immunization**
 Ribeiro RD et al
 1980 Rev Brasil Biol 40 (1) Feb 51-58 Wa
Trypanosoma cruzi, 3 strains isolated from *Callithrix jacchus* were pathogenic for white mice, experimental infection of *T[riatom]a infestans*, *T. vitriceps*, and *R[hodnius] neglectus*, role of *C. jacchus* as wild reservoir; blood trypomastigotes of monkey strain not inactivated by normal human serum and cross immunity tests showed that mice recovered from infections with monkey strains had high resistance against re-infection by Y strain of *T. cruzi*: Estado de Bahia, Brasil
- Immunization**
 Rickard MD; Arundel JH; Adolph AJ
 1981 Research Vet Sc 30 (1) Jan 104-108 Wa
Taenia saginata, cattle, immunization, preliminary field trial using antigens collected during in vitro cultivation of *T. saginata* or *T. hydatigena* oncospheres
- Immunization**
 Rickard MD; Brumley JL
 1981 Research Vet Sc 30 (1) Jan 99-103 Wa
Taenia saginata, calves, immunization using antigens collected by in vitro incubation of *T. saginata* oncospheres or ultrasonic disintegration of *T. saginata* and *T. hydatigena* oncospheres
- Immunization**
 Rieckmann KH et al
 1979 Bull World Health Organ 57 suppl 1 139-151 Wa
Plasmodium knowlesi, rhesus monkeys, immunization with 3 nonviable blood-stage antigens, response to challenge, haematology, indirect fluorescent antibody test, IgG values, radioimmunoassay values, opsonization and merozoite inhibition tests, B and T cell values, lymphocyte transformation test, intradermal skin test

- Immunization**
 Rieckmann KH et al
 1979 Bull World Health Organ 57 suppl 1 261-265
 Wa
 Plasmodium falciparum, human volunteers bitten by irradiated infected Anopheles stephensi, successful protection against sporozoite challenge; unsuccessful with P. vivax
- Immunization**
 Rodwell BJ; Timms P; Parker RJ
 1980 Austral J Exper Biol and Med Sc 58 (2)
 Apr 143-147 Wa
 collection and sterilization of large volumes of bovine serum and its use in vaccines against bovine babesiosis and anaplasmosis
- Immunization**
 Ross JG; Duncan JL; Halliday WG
 1979 Research Vet Sc 27 (2) Sept 258-259 Wa
 Haemonchus contortus, 4- and 7-month-old lambs, comparison of resistance conferred by irradiated larvae and transfer factor treatment
- Immunization**
 Rothwell TLW
 1981 J Parasitol 67 (4) Aug 592-593 Wa
 Trichostrongylus colubriformis, lack of cross-protection in guinea pigs vaccinated with other Trichostrongylus spp. or other nematode genera, protection stimulated only by injection of antigens from homologous species
- Immunization**
 Ruff MD; Chute MB
 1980 Poultry Science 59 (4) Apr 697-701 Wa
 Eimeria spp., Hubbard breeder pullets (exper.), interrelationship of feeding regimen (ad libitum vs. restricted), anticoccidial drug efficacy, and development of coccidial immunity
- Immunization**
 Ryu E; Shaey KC
 1980 Internat J Zoonoses 7 (2) Dec 101-106 Wm
 Trypanosoma gambiense inactive vaccine treated with strong absorbent natural vs. artificially prepared zeolite, mice, vaccine prepared with artificial zeolite showed little protective effect
- Immunization**
 Ryu E; Shaey KC
 1981 Internat J Zoonoses 8 (1) June 91-96 Wm
 Trypanosoma gambiense, inactivated vaccine treated with natural zeolite completely protected rabbits from challenge inoculation with homologous viable parasites, passive protection afforded to mice decreased slightly 1-2 weeks after immunization although agglutination titers of immune serum remained high
- Immunization**
 Samantaray SN; Bhattacharyulu Y; Gill BS
 1980 Internat J Parasitol 10 (5-6) Nov-Dec 355-358 Wa
 Theileria annulata, calves, immunization with graded doses of sporozoites and irradiated sporozoites
- Immunization**
 Sandeman RM; Howell MJ; Campbell NJ
 1980 Research Vet Sc 29 (2) Sept 255-259 Wa
 Fasciola hepatica, sheep vaccinated with juvenile fluke antigen sheep antibody complex, challenge infection, pronounced antibody response but no apparent effect on juvenile fluke migratory activity, autopsy showed no protection
- Immunization**
 Scarpin M et al
 1980 Rev Inst Med Trop S Paulo 22 (4) July-Aug 164-172 Wm
 Schistosoma mansoni, rabbits immunized with saline extract of adult worms were totally or partially resistant to challenge infection; physico-chemical characterization of extract
- Immunization**
 Schein E; Voigt WP
 1979 Acta Trop 36 (4) Dec 391-394 Wa
 Theileria annulata, T. parva, cattle, halofuginone highly effective, all treated animals were immune to challenge infection
- Immunization**
 Scientific Working Group on the Immunology of Malaria
 1981 Bull World Health Organ 59 (3) 371-381 Wa
 Plasmodium spp., antigenic structure and related aspects of biology (production of monoclonal antibodies, cultivation techniques, antigen production for vaccine development and immunodiagnosis), review of current situation
- Immunization**
 Searl RC
 1980 Vet Med and Small Animal Clin 75 (1) Jan 101-104 Wa
 use of Anaplasma vaccine related to neonatal iserythrolysis in calves, recommendations for use of Anaplaz vaccine
- Immunization**
 Sethi KK; Brandis H
 1981 Ann Immunol 132C (1) Jan-Feb 29-41 Wa
 Toxoplasma gondii, in vitro immunization of mouse spleen cells, isolation and cloning of hybridomas producing monoclonal antibodies following fusion of in vitro-immunized spleen cells with mouse myeloma cells, characterization of Ig class of antibody produced by hybridomas, reactivities of monoclonal antibodies in different serological assays
- Immunization**
 Sharma P; Singh K; Dutta GP
 1978 Indian J Med Research 67 Mar 374-380 Wa
 Entamoeba histolytica, growth patterns in axenic culture using different sera; antisera produced in rabbits analyzed for gel-diffusion precipitin bands, haemagglutinins, and growth inhibitory activity against trophozoites
- Immunization**
 Sharma RL; Dhar DN
 1979 J Nuclear Agric and Biol 8 (4) Dec 146-149 Wa
 Oesophagostomum columbianum, normal and gamma irradiated third stage larvae, infections of lambs, disease intensity related to infective dose size, adults found in mesentery as well as intestine, partial protection given by irradiated larvae
- Immunization**
 Sharma RL; Dhar DN
 1979 Ztschr Parasitenk 61 (1) 53-61 Wa
 Oesophagostomum columbianum, lambs, immunization using irradiated third stage larvae, effect on subsequent larval development and immune response; presence of migrating adult worms in mesentery, first report

- Immunization**
 Sherman IW
 1981 *Exper Parasitol* 52 (2) Oct 292-295 Wa
Plasmodium lophurae, immunogenicity of histidine rich protein, response to Kilejian, A.
 1981, *Exper. Parasitol.*, v. 52 (2), 291
- Immunization**
 Shirley MW
 1980 *Parasitology* 81 (3) Dec 525-535 Wa
Eimeria necatrix, development and characteristics of egg-adapted (attenuated) line, possible use in immunization
- Immunization**
 Shirley MW; Hoyle SR
 1981 *J Parasitol* 67 (4) Aug 587-588 Wa
Eimeria maxima, chickens, antigenicity of parasite populations obtained from commercial farms, cross-immunity tests, results suggest that *E. maxima* does not normally undergo major changes in its antigenic composition and that a coccidiosis vaccine consisting of suitable number of strains could prove effective in individual houses over long period of time
- Immunization**
 Siau Y
 1980 *Ztschr Parasitenk* 62 (1) 1-6 Wa
Myxobolus exiguus, lyophilized antigens injected into rabbits and *Mugil cephalus*, presence of antibodies in serum evaluated by several immunologic techniques
- Immunization**
 Siddiqui WA
 1980 *African J Clin and Exper Immunol* 1 (1) Jan 13-22 Wm
 malaria, summarization of vaccination studies conducted against avian, rodent, simian and human malaria parasites using asexual blood-stage vaccines
- Immunization**
 Siddiqui WA et al
 1979 *Bull World Health Organ* 57 suppl 1 75-82 Wa
Plasmodium falciparum, in vitro production and partial purification of antigen (merozoite-enriched segmenter stage)
- Immunization**
 Siddiqui WA et al
 1979 *Bull World Health Organ* 57 suppl 1 199-203 Wa
Plasmodium falciparum, immunization of *Aotus trivirgatus* griseimembra, use of synthetic adjuvants
- Immunization**
 Siddiqui WA et al
 1981 *Nature London* (5793) 289 Jan 1-8 64-66 Wa
Plasmodium falciparum, use of synthetic adjuvant (CP-20,961) in effective vaccination of *Aotus trivirgatus* griseimembra against lethal infection
- Immunization**
 Siebert AE jr; Good AH
 1980 *Exper Parasitol* 50 (3) Dec 437-446 Wa
Taenia crassiceps, BALB/c and BDF1 mice, kinetics of primary and secondary infections in vivo, effect of immune serum on larvae in vitro, comparison with previous studies using C3H mice
- Immunization**
 Singh B; Gautam OP; Banerjee DP
 1981 *Vet Parasitol* 8 (2) May 133-136 Wa
Babesia equi, donkeys, immunization using killed vaccine
- Immunization**
 Sirag SB et al
 1980 *Parasitology* 80 (3) June 479-486 Wa
Echinostoma revolutum, homologous and heterologous (*Schistosoma* spp.) resistance in infections in mice
- Immunization**
 Sirag SB et al
 1981 *J Helminth* 55 (1) Mar 63-70 Wa
Schistosoma bovis, calves harboring primary patent infections demonstrate substantial resistance to heterologous challenge with *Fasciola hepatica*
- Immunization**
 Smith RD et al
 1980 *Am J Vet Research* 41 (12) Dec 1957-1965 Wa
Babesia bovis, *B. bigemina*, cattle, tick-borne exposure, clinical and pathologic responses, absence of significant heterologous species immunity, cross-reactivity in indirect fluorescent antibody test was restricted to period during and shortly after recovery
- Immunization**
 Smith RD et al
 1981 *Science* (4492) 212 Apr 17 335-338 Wa
Babesia bovis, protection of *Bos taurus* with culture-derived soluble antigen, evidence that soluble immunogen is merozoite surface coat antigen; *B. bigemina*-immune cattle are susceptible to *B. bovis*
- Immunization**
 Smith WD; Angus KW
 1980 *Research Vet Sc* 29 (1) July 45-50 Wa
Haemonchus contortus, immunizing lambs with varying numbers of doses of irradiated larvae, or combining this vaccine with larval antigens and adjuvant, serum IgG, IgA and IgG in abomasal mucosa
- Immunization**
 Smithers SR; Miller KL
 1980 *Am J Trop Med and Hyg* 29 (5 pt 1) Sept 832-841 Wa
Schistosoma mansoni, mice, protective immunity, evidence for 2 distinct mechanisms, review
- Immunization**
 Smrkovski LL
 1981 *Infect and Immun* 31 (1) Jan 408-412 Wa
Plasmodium berghei, mice, effect of route of *Mycobacterium bovis* BCG administration on suppression of protective immune response to sporozoite vaccination, results suggest potential for multiple vaccine interference and that relationships between vaccines and multiple infections are deserving of special attention

Immunization

Smrkovski LL; Reed SG; Larson CL
1980 Am J Trop Med and Hyg 29 (1) Jan 16-20 Wa
Leishmania donovani, cortisone and cyclophosphamide suppress protective effects of BCG in mice challenged with amastigotes

Immunization

de Souza MCM; Mizuta K; Ikemoto H
1980 Rev Inst Med Trop S Paulo 22 (4) July-Aug 184-191 Wm
Herpetomonas samuelpessoai, extraction, purification, and characterization of exoantigen capable of immunizing mice challenged with Trypanosoma cruzi

Immunization

Spooner RL; Brown CGD
1980 Parasite Immunol 2 (3) Autumn 163-174 Wa
Theileria parva, T. annulata, bovine lymphocyte antigens of bovine lymphocytes and derived lymphoblastoid lines transformed by parasites, implications of results as they relate to use of these cell lines in immunizing cattle

Immunization

Stein PC; Basch PF
[1980] J Parasitol 65 (6) Dec 1979 862-869 Issued Apr 2 Wa
Biomphalaria glabrata embryo cell-line antigens ineffective as antischistosomal vaccine in mice

Immunization

Stek M jr et al
1981 Science (4502) 212 June 26 1518-1520 Wa
Schistosoma mansoni, immunization of Papio anubis with cercariae attenuated by gamma irradiation

Immunization

Stek M jr; Dean DA; Clark SS
1981 Am J Trop Med and Hyg 30 (5) Sept 1033-1038 Wa
Schistosoma mansoni, attrition of challenge worms in irradiation-attenuated cercaria-immunized mice as function of site and time

Immunization

Storey DM; Mettias EF
1980 Ann Trop Med and Parasitol 74 (2) Apr 211-218 Wa
Litomosoides carinii, suppression of micro-filaraemia in infections in Sigmodon hispidus by vaccination with adult worm homogenate

Immunization

Strickland GT; Hunter KW
1980 Internat J Nuclear Med and Biol 7 (2) 133-140 Wa
malaria, vaccination, use of immunopotentiators, review

Immunization

Sturrock RF et al
1980 Tr Roy Soc Trop Med and Hyg 74 (6) 834-835 Wa
Schistosoma haematobium, immunization of Papio anubis with irradiated cercariae or schistosomula

Immunization

Suzuki M et al
1980 Internat J Nuclear Med and Biol 7 (2) 141-148 Wa
Plasmodium berghei, mice, isolation of radiation-attenuated parasites and features of strain, effectiveness in producing immunity in host, immunopathologic reactions in infected or immunized animals, immunopathologic reactions in hosts infected with attenuated vs. original virulent parasite, review

Immunization

Tanner M; Weiss N
1981 Acta Trop 38 (3) Sept 325-328 Wa
Dipetalonema viteae, successful immunization of Meriones unguiculatus, unsuccessful immunization of hamsters; evidence for serum-dependent cytotoxicity against developing 3rd and 4th stage larvae in vitro

Immunization

Tanner M; Weiss N
1981 Tr Roy Soc Trop Med and Hyg 75 (1) 173-174 Wa
Dipetalonema viteae, larval development in micropore chambers implanted into normal, infected, and immunized Meriones unguiculatus

Immunization

Tarleton RL; Kuhn RE; Cunningham DS
1981 Infect and Immun 31 (2) Feb 693-697 Wa
Trypanosoma cruzi, vaccination of highly susceptible C3H mice with mitomycin C-attenuated culture forms, induction of immunosuppression but not protection

Immunization

Taylor DW; Siddiqui WA
1979 Bull World Health Organ 57 suppl 1 247-253 Wa
Plasmodium falciparum, cellular and humoral immune responses in Aotus trivirgatus following vaccination

Immunization

Taylor MG
1980 Tr Roy Soc Trop Med and Hyg 74 (5) 563-564 Wa
schistosomiasis, prospects for development of vaccine for control of human infection, review

Immunization

Taylor MG; Bickle QD
1980 Internat J Nuclear Med and Biol 7 (2) 97-103 Wa
schistosomiasis, progress in development of radiation-attenuated vaccines, review

Immunization

Taylor RJ; McHardy N
1979 J South African Vet Ass 50 (4) Dec 326-329 Wa
Babesia bovis, B. bigemina, cattle, combined use of imidocarb and Babesia blood vaccine for controlling post-vaccinal reactions without loss of immunity

Immunization

Taylor SM et al
1980 Vet Rec 106 (8) Feb 23 167-170 Wa
Babesia divergens, cattle, immunization with irradiated infected blood, protection against high level challenge with infected Ixodes ricinus at field trial site: Northern Ireland

Immunization

Taylor SM et al
1980 Vet Rec 106 (17) Apr 26 385-387 Wa
Babesia divergens, cattle immunised with known strain of parasite and subsequently exposed to tick-induced challenge with heterologous strain were not clinically affected

Immunization

Techasoponmani R; Sirisinha S
1980 Parasitology 80 (3) June 457-469 Wa
Angiostrongylus cantonensis, rats, mice, immunization with excretory and secretory products from adult female worms, development of protective immunity, effect on worm development, immunological and biochemical characterization of antigen

Immunization

Teixeira ARL
1979 Bull World Health Organ 57 (5) 697-710 Wa
Trypanosoma cruzi, humans, immune mechanisms, trends in immunological research, and prospects for immunoprophylaxis, review

Immunization

Terrientes ZI; Zeledon R
1980 Rev Inst Med Trop S Paulo 22 (5) Sept-Oct 213-218 Wm
Leishmania hertigi live vaccine with complete Freund's adjuvant vs. L. hertigi extract with incomplete adjuvant, hamsters, challenge with L. mexicana or L. braziliensis; immunodiffusion or immunoelectrophoresis showed at least one common band between L. hertigi and the two human parasites

Immunization

Tetley L; Vickerman K; Moloo SK
1981 Tr Roy Soc Trop Med and Hyg 75 (3) 409-414 Wa
Trypanosoma vivax, trypomastigote metacyclic stage, attachment to wall of hypopharynx in Glossina m. morsitans, absence of surface coat, implications for mechanism of antigenic variation in this species and vaccination of cattle against it

Immunization

Tewari HC et al
1980 Indian J Animal Sc 50 (7) July 584-585 Wa
Dictyocaulus filaria, sheep and goats, incidence; lambs vaccinated with radiation-attenuated D. filaria vaccine found free of infection during 6 month follow-up: Garhwal Hills, India

Immunization

Thompson JP et al
1981 J Parasitol 67 (5) Oct 728-730 Wa
Brugia malayi, efficient clearance of injected microfilariae in CBA/H mice in contrast to prolonged microfilaremia in CBA/N mice, CBA/N mice have delayed IgG and deficient IgM response in comparison to CBA/H mice, development of acquired resistance in CBA/H but not in CBA/N mice

Immunization

Thompson RCA; Howell MJ
1979 Ztschr Parasitenk 61 (1) 93-98 Wa
Fasciola hepatica, effect of BCG on resistance of rats to infection

Immunization

Thong YH et al
1979 Tr Roy Soc Trop Med and Hyg 73 (6) 684-685 Wa
Naegleria fowleri, mice, immunization with culture supernatant

Immunization

Thong YH et al
1980 Tr Roy Soc Trop Med and Hyg 74 (5) 570-576 Wa
Naegleria fowleri, mice, immunization with live amoebae, amoebic lysate, and culture supernatant, protective antigens are located mainly in high molecular weight fraction of culture supernatant

Immunization

Tomlinson MJ et al
1980 Rev Inst Med Trop S Paulo 22 (5) Sept-Oct 219-230 Wm
Trypanosoma cruzi, dogs treated with irradiated parasites and challenged with virulent parasite strain vs. dogs receiving just challenge infection, serological and cardiac pathology

Immunization

Tribouley J; Tribouley-Duret J; Appriou M
1979 Compt Rend Soc Biol Paris 173 (6) 1046-1049 Wa
Schistosoma mansoni, rats, partial immunity to challenge after injection of S. mansoni antigen + Freund's incomplete adjuvant + muramyl dipeptide

Immunization

Tribouley J; Tribouley-Duret J; Appriou M
1980 Ann Parasitol 55 (1) Jan-Feb 87-96 Wa
Schistosoma mansoni, mice, injection of B.C.G., increase of non-specific resistance, effect on larval migration, re-inoculation of B.C.G. results in immunostimulation which is more intense and appears earlier

Immunization

Urquhart GM
1980 Tr Roy Soc Trop Med and Hyg 74 (6) 726-729 Wa
African trypanosomiasis in domestic animals, pathogenesis (anemia, tissue lesions, immunosuppression), immunology (prospects for vaccination, 'non-sterile immunity'), symposium presentation

Immunization

Urquhart GM
1980 Vet Parasitol 6 (1-3) Jan 217-239 Wa
application and potential of immunological methods for control of some parasitic diseases of domestic animals, review

Immunization

Urquhart GM et al
1981 Vet Rec 108 (9) Feb 28 180-182 Wa
Dictyocaulus viviparus, calves, levamisole or fenbendazole treatment followed by reinfection, clinical signs, worm burdens, pathology, incompletely developed immune response, concluded that any system of 'control' which depends on drug therapy and reinfection is unpredictable and that vaccination offers only effective method of prophylaxis

Immunization

Van Marck EAE; Vervoort T
1980 Tr Roy Soc Trop Med and Hyg 74 (5) 666-667
Wa
Trypanosoma brucei brucei, mice vaccinated with purified variable antigen, detection of immunoglobulins, C3 fraction of complement, and trypanosome antigen in glomeruli, trypanosomal antigen is most probably deposited in immune complex form

Immunization

Vinayak VK; et al
1980 Tr Roy Soc Trop Med and Hyg 74 (4) 483-487
Wa
Entamoeba histolytica, guinea-pigs, protective effects of crude and chromatographic fractions of axenic amoebic antigen, antibody response (indirect haemagglutination, counter-current immunoelectrophoresis)

Immunization

Vinayak VK et al
1981 Parasitology 82 (3) June 375-382 Wa
Ancylostoma caninum, pups, efficacies of 3 types of vaccine

Immunization

Viyanant V
1981 Southeast Asian J Trop Med and Pub Health 12 (2) June 194-199 Wa
Schistosoma mansoni, proteins from schistosomula stage divided into groups by molecular weight and used as antigens to immunize mice, animals immunized with 2 groups developed high degree of resistance

Immunization

Vizcaino O et al
1980 Am J Vet Research 41 (7) July 1066-1068 Wa
Anaplasma marginale, cattle, comparison of 3 methods of immunization and evaluation of protection afforded against field challenge exposure

Immunization

Weissberger H; Golenser J; Spira DT
1979 Bull World Health Organ 57 suppl 1 83 Wa
Plasmodium berghei, soluble antigens released in vitro from infected erythrocytes (1) induced specific transformation of nonadherent spleen lymphocytes of convalescent rats, (2) produced precipitation lines with antiplasmodial antibodies, and (3) immunized young rats against viable challenge

Immunization

Wellde BT et al
1981 Exper Parasitol 52 (2) Oct 219-232 Wa
Trypanosoma congolense, cattle, investigations of natural and acquired resistance with reference to age resistance, self-cure, chemotherapeutic cure, blood- vs. tsetse fly-induced infections, and challenge with homologous vs. heterologous strains

Immunization

Wellde BT; Diggs CL; Anderson S
1979 Bull World Health Organ 57 suppl 1 153-157
Wa
Plasmodium falciparum, immunization of Aotus trivirgatus with irradiated blood forms, haematological status of immunized monkeys

Immunization

Wernsdorfer WH
1979 Bull World Health Organ 57 suppl 1 11-15
Wa
programme of Scientific Working Group on Immunology of Malaria, UNDP/World Bank/WHO Special Programme for Research and Training in Tropical Diseases

Immunization

Wernsdorfer WH
1981 Bull World Health Organ 59 (3) 335-341 Wa
human malarias, prospects for the development of vaccines, review

Immunization

Wery M et al
1979 Ann Soc Belge Med Trop 59 (4) Dec 347-360
Wa
Plasmodium berghei berghei, successive waves of parasitaemia separated by subpatent periods observed in mice infected after immunization with P. berghei Anka parent lines or with clones derived from it, these recrudescences possibly caused by antigenic variants, suggests that acquired protective immunity (premunition) may not have the same efficiency against successive parasite populations occurring in the same animal, no difference could be demonstrated by immunofluorescence in the antigenicity of the different lines or clones used for immunization

Immunization

Wery M; Timperman G
1979 Ann Soc Belge Med Trop 59 (4) Dec 361-369
Wa
Plasmodium berghei cloned and uncloned lines, antigenic characterization of 4 recrudescences of parasitaemia using cross protection experiments in immunized mice, homologous challenges induced lower parasitaemia than did heterologous, antigenic variation may be responsible for intergroup differences which were higher than those between individual mice

Immunization

Wikel SK
1980 Ann Trop Med and Parasitol 74 (1) Feb 103-104 Wa
host resistance to tick-borne pathogens by virtue of resistance to tick infestation, experiments with Dermacentor andersoni-resistant and non-resistant rabbits using tick-borne bacterium Francisella tularensis

Immunization

Wikel SK
1981 Am J Trop Med and Hyg 30 (1 pt 1) Jan 284-288 Wa
Dermacentor andersoni, guinea pigs, induction of host resistance to infestation with salivary gland antigen, potential for immunologic approach to vector control

Immunization

Willadsen P
1980 Advances Parasitol 18 293-313 Wa
immunity to ticks, review: expression of immunity; nature of immunological response (antibody and complement; delayed hypersensitivity; immediate hypersensitivity; cellular reactions); artificial immunization and nature of tick antigens

Immunization

Wilson AJ; Parker R; Trueman KF
1980 Vet Parasitol 7 (4) Dec 305-311 Wa
Anaplasma marginale, immunization of Bos indicus cross calves using living A. centrale or A. marginale

Immunization

Windon RG; Dineen JK
1981 Internat J Parasitol 11 (1) Feb 11-18 Wa
Trichostrongylus colubriformis, effect of selection of both sire and dam on response of F₁ generation lambs to vaccination with irradiated larvae, faecal egg counts, levels of complement-fixing antibody in serum, in vitro lymphocyte stimulation

Immunization

Windon RG; Dineen JK; Kelly JD
1980 Internat J Parasitol 10 (1) Feb 65-73 Wa
Trichostrongylus colubriformis, lambs, vaccination with irradiated larvae, dissociation into 'responders' and 'non-responders': response to primary sequential challenge, response to rechallenge with single dose, correlation between haemoglobin type and faecal egg counts during primary and secondary challenge, effect of vaccination and challenge on liveweight gain and wool growth

Immunization

Wood DE et al
1979 Bull World Health Organ 57 suppl 1 69-74 Wa
Plasmodium berghei, use of membrane screen filters in isolation of sporozoites from mosquitoes, implications for development of sporozoite vaccine

Immunization

Yazwinski TA et al
1980 J Animal Sc 51 (2) Aug 279-284 Wa
Haemonchus contortus, lambs (exper.), breed differences in resistance, effect of host breed and sex on their physiological responses when given sensitizing infections of larvae followed by challenge infection

Immunization

Yoshida N et al
1981 J Exper Med 154 (4) Oct 1 1225-1236 Wa
Plasmodium berghei, biosynthesis of Pb44 (protective antigen of sporozoites)

Immunization

Zahner H et al
1980 Ztschr Parasitenk 64 (1) 17-28 Wa
Capillaria hepatica in Mastomys natalensis (exper.), immunization with embryonated infective eggs, X-irradiated infective eggs, non-embryonated eggs, and soluble egg extracts, effect on worm reproductivity and on host immunity

Immunization

Zahner H; Geyer E; Rudolph R
1980 Zentralbl Vet Med Reihe B 27 (1) 36-46 Wa
Capillaria hepatica in Mastomys natalensis (exper.), granuloma formation around eggs in lung capillaries following intravenous injection of eggs in pre-sensitized vs. non-infected animals, degree of cellular reactions dependent upon stage of existing infection

Immunodiffusion See Immunity, Precipitation

Immunoelectrophoresis See Immunity, Precipitation

Immunofluorescence

Abdalla RE
1980 Ann Trop Med and Parasitol 74 (4) Aug 415-419 Wa
visceral leishmaniasis, human, serodiagnosis, immunofluorescence, immunodiffusion, counter-immunoelectrophoresis

Immunofluorescence

Al-Alousi TI; Latif BMA; Al-Shenawi FA
1980 Ann Trop Med and Parasitol 74 (5) Oct 503-506 Wa
leishmaniasis, children, diagnosis, indirect fluorescent antibody test using dried blood on filter paper, incidence in different provinces, age groups, and sexes: Iraq

Immunofluorescence

Ambroise-Thomas P et al
1980 Ann Biol Clin 38 (5) 315-319 Wm
toxoplasmosis, rheumatoid factors a cause of non-specific results in IgM antitoxoplasma fluorescent tests

Immunofluorescence

Ambroise-Thomas P; Desgeorges PT
1980 Bull Soc Path Exot 73 (1) Jan-Feb 89-99 Wa
Echinococcus granulosus, human, diagnostic value and limitations of micro-ELISA, test results compared with those using indirect agglutination and immunofluorescence

Immunofluorescence

Ambroise-Thomas P; Desgeorges PT; Bouttaz M
1980 Ann Soc Belge Med Trop 60 (1) Mar 47-60 Wa
fascioliasis, human and bovine, diagnosis by means of the enzyme-linked immunosorbent assay, detection of circulating antigens and antibodies, results compared favorably with those of the immunofluorescence and indirect haemagglutination tests

Immunofluorescence

Anderson JF; Magnarelli LA; Sulzer AJ
1980 Am J Vet Research 41 (12) Dec 2102-2105 Wa
Babesia gibsoni, dogs (nat. and exper.), diagnosis, indirect fluorescent antibody test, reciprocal titers of anti-B. gibsoni sera to homologous and heterologous Babesia antigens and to Plasmodium antigens

Immunofluorescence

Anderson JF; Magnarelli LA; Sulzer AJ
1981 J Parasitol 67 (3) 417-425 Wa
Babesia lotori sp.n. in Procyon lotor (erythrocytes) (nat. and exper.), parasitemia postsplenectomy, clinical data, indirect fluorescent antibody test, evidence for early infection in 3 young raccoons which had been naturally confined to nests in chimneys and were infested with Ixodes texanus; Dermacentor variabilis, I. dammini, and I. cookei also found on raccoons: Connecticut, USA

Immunofluorescence

Anthony RL; Christensen HA; Johnson CM
1980 Am J Trop Med and Hyg 29 (2) Mar 190-194
Wa
New World leishmaniasis, human, serodiagnosis, micro enzyme-linked immunosorbent assay with *Leishmania braziliensis panamensis* promastigote antigens, comparison with indirect immunofluorescence, unidirectional cross-reactivity with sera from Chagas' disease patients

Immunofluorescence

Applewhaite LM; Craig TM; Wagner GG
1981 Trop Animal Health and Prod 13 (1) Feb 13-18
Wa
Babesia bigemina, *B. bovis*, native and imported cattle, serological prevalence, comparison of indirect fluorescent antibody and complement fixation tests, effect of host age: Guyana

Immunofluorescence

Ardehali S et al
1980 Ann Trop Med and Parasitol 74 (4) Aug 439-445
Wa
cutaneous leishmaniasis, human, chronic (lupoid) form, clinical aspects, histology, skin tests with leishmanin and PPD, indirect fluorescent antibody and direct agglutination tests: Iran

Immunofluorescence

Aspoeck H
1980 Med Lab 33 (9) Sept 240-248
Wm
Toxoplasma, humans, diagnosis, immunological test comparisons (immunofluorescence, Sabin-Feldman dye test, complement fixation, indirect hemagglutination test)

Immunofluorescence

Auffray Baudet P; Sanchez Concheiro M; Dominguez Perez JR
1980 Rev Clin Espan 158 (5) Sept 15 197-201
Wm
Echinococcus granulosus, humans, diagnosis, fluorescent antibody technique, sensitive and simple test

Immunofluorescence

Balsari A et al
1980 J Clin Path 33 (7) July 640-643
Wa
Toxoplasma gondii, enzyme-linked immunosorbent assay for antibody detection, comparison with other serodiagnostic tests

Immunofluorescence

Barrabes A et al
1980 Ann Parasitol 55 (6) Nov-Dec 671-677
Wa
Schistosoma mansoni, castrated female hamsters, effect of administration of estradiol, testosterone, or progesterone on intensity of parasitism and on rate of circulating antibodies (indirect immunofluorescence), no relationship between level of serum antibodies and number of worms

Immunofluorescence

Bawden MP et al
1979 Bull World Health Organ 57 suppl 1 205-209
Wa
Plasmodium berghei, rats, mice, vaccination with irradiated sporozoites, serological evaluation of the antigen and of antibody responses using indirect fluorescent antibody test

Immunofluorescence

Beckers A et al
1981 Ztschr Parasitenk 64 (3) 285-296
Wa
Trypanosoma brucei gambiense, 5 stocks from different endemic foci in Central Africa, differences in virulence to laboratory albino rats and white mice, parasitaemia and evolution of disease, indirect immunofluorescence, parasite distribution in various organs, symptoms and gross pathology

Immunofluorescence

Bernard S; Haase M; Guidot G
1980 Berl u Munchen Tierarztl Wchnschr 93 (24) Dec 15 482-485
Wa
trypanosomiasis, trypanotolerant and trypano-sensitive cattle breeds, antibody survey using enzyme linked immunosorbent assay and indirect immunofluorescence, high percentage of serologically positive cattle does not correlate with results obtained by direct isolation of trypanosomes; ability of trypanotolerant breeds to limit number of parasites in blood stream cannot be correlated with the concentration of antibodies and must involve another unknown immune mechanism: Upper Volta

Immunofluorescence

Biggar RJ; Collins WE; Campbell CC
1980 Am J Trop Med and Hyg 29 (5 pt 1) Sept 720-724
Wa
malaria, infants, frequency of transplacental malarial antibodies, their duration and protectiveness, clinical and serological response to primary infection, indirect immunofluorescent technique using antigens of *Plasmodium falciparum*, *P. ovale*, and *P. malariae*: Accra, Ghana

Immunofluorescence

Boczon K et al
1981 Tropenmed u Parasitol 32 (2) June 109-114
Wa
Trichinella spiralis, human, diagnosis, evaluation of enzymatic and immunological tests (activity of LDH and its isozymic fractions; indirect immunofluorescence test; latex agglutination test; bentonite flocculation test)

Immunofluorescence

Broadbent EJ; Ross R; Hurley R
1981 J Clin Path 34 (6) June 659-664
Wa
Toxoplasma gondii, prevalence of antibody in pregnant women evaluated by age groups, dietary habits, and history of animal contact; indirect haemagglutination antibody test vs. indirect fluorescent antibody test

Immunofluorescence

Cacciapuoti B et al
1981 Boll Ist Sieroterap Milanese 60 (2) May 31, 121-128
Wa
Toxoplasma, prevalence of infection in mothers in labor and their newborn babies vs. prevalence of *antitoxoplasma* antibodies (indirect immunofluorescence and modified complement fixation tests) in the same pairs, hypothesis of long-lasting passive congenital immunity to *Toxoplasma* infection: Bergamo, Italy

Immunofluorescence

Cailliez M et al
1979 Nouv Presse Med 8 (7) Feb 10 522-523
Wm
human African trypanosomiasis, immunoenzymological diagnostic tests vs. indirect immunofluorescence

Immunofluorescence

Callow LL et al
1979 Austral Vet J 55 (12) Dec 555-559 Wa
Babesia equi, horses, evaluation of indirect fluorescent antibody test, diagnosis; cross-reactivity between B. equi and B. bovis of cattle suggested that B. bovis would not interfere with test for B. equi, but that reverse was possible

Immunofluorescence

Callow LL; Kanhai GK; Vandenberghe A
1981 Trop Animal Health and Prod 13 (2) May 79-82 Wa
Babesia bovis, demonstration of close serological relationship between strains occurring in Australia and Mozambique using indirect fluorescent antibody test, practical implication is that Australian vaccine should protect cattle being introduced into southern Africa from B. bovis-free environments

Immunofluorescence

Campbell CC; Martinez JM; Collins WE
1980 Am J Trop Med and Hyg 29 (2) Mar 151-157 Wa
Plasmodium falciparum, P. vivax, longitudinal study of 113 women and their newborns to estimate malaria incidence and indirect fluorescent antibody response to infection, depressed IFA response to P. falciparum in 3rd trimester of pregnancy, limited transplacental immunization of newborns, appears that passive immunity can exert little effect on incidence of infant malaria: coastal El Salvador

Immunofluorescence

Carrier Y et al
1980 Bull World Health Organ 58 (1) 99-105 Wa
Toxoplasma gondii, humans, diagnosis, evaluation of the enzyme-linked immunosorbent assay and other serological tests, techniques and sera evaluated in 3 different laboratories

Immunofluorescence

Carroll SM; Karthigasu KT; Grove DI
1981 Tr Roy Soc Trop Med and Hyg 75 (5) 706-709 Wa
Strongyloides stercoralis, human, serodiagnosis, enzyme-linked immunosorbent assay with S. ratti antigen, comparison with indirect immunofluorescent assay

Immunofluorescence

Caruana LB
1980 Am J Med Tech 46 (6) June 386-391 Wa
Toxoplasma gondii, indirect hemagglutination test (IHA) compared qualitatively and quantitatively to indirect fluorescent antibody test (IFA) for detection of antibodies, IHA technique recommended over IFA for mass screening

Immunofluorescence

Cerna Z
1970 Folia Parasitol 17 (2) 135-140 Issued June Wa
Eimeria spp., specificity of serous antibodies, cross-reactions of each species against homologous antigen and heterologous antigens using indirect fluorescence antibody reaction

Immunofluorescence

Chabasse D et al
1980 Bull Soc Path Exot 73 (2) Mar-Apr 150-155 Wa
positive immunofluorescence test for amoebiasis in man with serologically and clinically proven brucellosis, possibly a false-positive reaction as no clinical evidence of amoebiasis could be found

Immunofluorescence

Cho KM; Soh CT
1974 Yonsei Rep Trop Med 5 (1) Nov 45-55 Wm
Clonorchis sinensis, human sera, diagnosis, evaluation of the indirect fluorescent antibody test using adult worm antigen

Immunofluorescence

Cho KM; Soh CT
1976 Yonsei Rep Trop Med 7 (1) Nov 26-39 Wm
Paragonimus westermani, Clonorchis sinensis, human serum, diagnosis, indirect fluorescent antibody test

Immunofluorescence

Colin M et al
1980 Ann Dermat et Venereol 107 (8-9) Aug-Sept 759-767 Wm
Schistosoma mansoni, S. haematobium, humans, cutaneous localization, granulomatous papular lesions containing eggs, diagnosis by lesion biopsy and immunofluorescence: endemic areas of Ivory Coast

Immunofluorescence

Collins GH; Sutton RH; Charleston WAG
1980 N Zealand Vet J 28 (8) Aug 156-158 Wa
Sarcocystis sp. in goats infected with dog-derived sporocysts, haematology, indirect fluorescent antibody test, pathology

Immunofluorescence

Collins WE et al
1980 Am J Trop Med and Hyg 29 (6) Nov 1220-1222 Wa
Onchocerca volvulus, human, indirect fluorescent antibody test using fixed-tissue sections of adult worms as antigen, antibody responses in relation to host age, sex, presence or absence of microfilariae, and microfilarial density, application in epidemiological studies appears limited until level of false negative responses is markedly reduced: Guatemala

Immunofluorescence

Cox JC; Horsburgh R; Pye D
1981 Lab Animals 15 (1) Jan 41-43 Wa
Encephalitozoon cuniculi, rabbits, serodiagnosis, enzyme immunoassay, comparison with indirect immunofluorescence test

Immunofluorescence

Culbertson CG; Harper K
1980 Am J Trop Med and Hyg 29 (5 pt 1) Sept 785-794 Wa
Naegleria fowleri, Acanthamoeba culbertsoni, Entamoeba histolytica, immune reactions between specific antisera, formalinized stained protein A staphylococci, and pathogenic live amebic trophozoites, comparison of this new technique (coagglutination tests) with immunofluorescence for amebic identification and measurement of serum antibody

Immunofluorescence

Deelder AM; Kornelis D
1980 Ztschr Parasitenk 64 (1) 65-75 Wa
Schistosoma mansoni, immunofluorescent antibody reaction and enzyme-linked immunosorbent assay compared for demonstration of antibodies against schistosome gut-associated polysaccharide antigens

Immunofluorescence

Deelder AM; Kornelis D
1981 Trop and Geogr Med 33 (1) Mar 36-41 Wa
Schistosoma mansoni, humans, immunodiagnosis of recently acquired infection, comparison of various immunological techniques

Immunofluorescence

Delmont J et al
1979 Bull Soc Path Exot 72 (3) May-June 222-231 Wa
Plasmodium spp., Europeans who had been living in endemic areas of Africa, analysis of fluorescent antibodies in serum, useful in evaluating success of chemoprophylaxis, detecting infections in potential blood donors, and in evaluating febrile illnesses

Immunofluorescence

Derouin F et al
1980 Path Biol 28 (7) Sept 465-468 Wa
schistosomiasis, human, enzyme-linked immunosorbent assay using Schistosoma mansoni antigens, false positive reactions with certain other parasitic and non-parasitic diseases, comparison with immunofluorescence and immunoenzymology done on adult sections

Immunofluorescence

Dissanayake S; Ismail MM
1980 Bull World Health Organ 58 (4) 649-654 Wa
Setaria digitata antigens, characterization, cross-reaction with surface antigens of Wuchereria bancrofti microfilariae and serum antibodies of W. bancrofti-infected subjects demonstrated with inhibition of indirect immunofluorescence and enzyme-linked immunosorbent assay technique respectively

Immunofluorescence

Dissanayake S; de Silva LVK; Ismail MM
1980 Tr Roy Soc Trop Med and Hyg 74 (4) 542-544 Wa
Wuchereria bancrofti, human, antifilarial antibody in maternal and umbilical cord blood determined by indirect immunofluorescence, enzyme-linked immunosorbent assay, and radioimmunoassay, antibodies were predominantly of IgG type presumably passively transferred from mother, specific IgM antibody detected in some cord blood samples probably in response to transplacental transfer of filarial antigens: Sri Lanka

Immunofluorescence

Doffoel M et al
1980 Semaine Hop Paris 56 (15-16) Apr 18-25 788-790 Wm
Toxoplasma gondii, 28-year-old man, case report, acquired infection with meningoencephalitis, diagnosis by fluorescent antibody analysis of cerebrospinal fluid

Immunofluorescence

Donnelly J et al
1980 Trop Animal Health and Prod 12 (1) Feb 50-60 Wa
Babesia equi, B. caballi, horses, comparison of complement fixation and immunofluorescent antibody tests in prevalence survey; presence of tick vectors: Sultanate of Oman

Immunofluorescence

Donnelly J; Joyner LP; Frank C
1980 Brit Med J (6231) 280 June 28 1575-1576 Wa
Babesia equi, B. caballi, prevalence in horses, comparison of complement fixation and indirect fluorescent antibody tests; Hyalomma anatolicum anatolicum present: Kuwait

Immunofluorescence

Draper CC; Sirm SS
1980 Brit Med J (6231) 280 June 28 1575-1576 Wa
Plasmodium spp., residents and immigrants with known infections, evaluation of usefulness of retrospective diagnosis using the indirect immunofluorescence antibody test

Immunofluorescence

Druilhe P et al
1980 Ann Soc Belge Med Trop 60 (4) Dec 349-354 Wa
Plasmodium cynomolgi bastianellii, accidental infection of 2 laboratory workers, case reviews, usefulness of fluorescent antibody test and counterimmunoelectrophoresis in differentiating Plasmodium species

Immunofluorescence

Duffus WPH; Franks D
1981 Parasitology 82 (1) Feb 1-10 Wa
Fasciola hepatica, interaction in vitro between juvenile flukes and bovine immunoglobulins directed against fluke outer glycocalyx, indirect fluorescent antibody assay

Immunofluorescence

Duffus WPH; Wagner GG
1980 Vet Parasitol 6 (4) Mar 313-324 Wa
Theileria parva, cattle (nat. and exper.), immunodiagnosis, comparison of 5 serological tests using piroplasm antigen (indirect fluorescent antibody, indirect haemagglutination, complement fixation, capillary agglutination, and immunodiffusion)

Immunofluorescence

Dutta SN; Diesfeld HJ
1978 Indian J Med Research 67 Apr 553-561 Wa
Wuchereria bancrofti, human, indirect immunofluorescent test using Dipetalonema viteae antigen, titres in relation to microfilarial density and host age and sex, comparison of subjects from non-endemic area with those from endemic area around Dhanbad coalmines

Immunofluorescence

Edrissian GH et al
1981 Ann Trop Med and Parasitol 75 (1) Feb 19-24 Wa
cutaneous and visceral leishmaniasis, human, serodiagnosis, indirect fluorescent antibody test using Leishmania infantum as antigen: Iran

- Immunofluorescence
Fasan PO et al
1976 African J Med and Med Sc 5 (2) June 149-153 Wm
Plasmodium falciparum, sera from Nigerian students residing in the United States, persistence of high titers in indirect fluorescent and haemagglutination antibody tests: Washington D.C.
- Immunofluorescence
Felgner P et al
1981 Tropenmed u Parasitol 32 (3) Sept 134-140 Wa
Trypanosoma brucei gambiense, human, prevalence by age and sex, parasitological examination (hematocrit centrifugation technique, subinoculation into Mastomys natalensis, miniature anion exchange centrifugation method), immunodiagnostic examination (enzyme-linked immunosorbent assay, indirect immunofluorescent test, radial immunodiffusion for IgM concentrations): Ivory Coast; Upper Volta
- Immunofluorescence
Ferrucci M
1980 Quad Sclavo Diag Clin e Lab 16 (2) June 176-192 Wm
toxoplasmosis, humans, comparative review of currently used diagnostic tests
- Immunofluorescence
Filice G et al
1981 Boll Ist Sieroterap Milanese 59 (6) 604-611 Wa
Toxoplasma gondii, mice experimentally infected with cystogenic strain, kinetics of IgM and IgG antibodies, dye test, indirect immunofluorescence test, indirect haemagglutination test, comparison with results of mouse inoculation tests
- Immunofluorescence
Filice G et al
1981 Boll Ist Sieroterap Milanese 60 (2) May 31 129-136 Wa
toxoplasmosis, human, serological diagnosis, new complement fixation test compared with indirect immunofluorescence and indirect haemagglutination tests
- Immunofluorescence
Filice GA; Yeager AS; Remington JS
1980 J Clin Microbiol 12 (3) Sept 336-342 Wa
Toxoplasma gondii, patients with acquired toxoplasmosis, infants with congenital toxoplasmosis, diagnostic significance of IgM antibodies detected after separation of IgM from IgG antibodies, IgM-IFA test
- Immunofluorescence
Fleury P et al
1980 J Franc Ophtal 3 (8-9) 503-506 Wm
Loa loa, ocular loaiasis in young woman after camping trip in Equatorial Africa, case report, clinical aspects, diethylcarbamazine therapy, importance of immunological diagnostic techniques: France
- Immunofluorescence
Franco EL et al
1980 J Clin Microbiol 12 (6) Dec 780-784 Wa
Toxoplasma gondii IgG and IgM polar staining in indirect immunofluorescence test, prevalence of positive reactions in sera of patients with Trypanosoma cruzi, Leishmania donovani, and L. braziliensis
- Immunofluorescence
Frezil JL; Coulm J; Alary JC
1978 Bull Soc Path Exot 71 (6) Nov-Dec 440-445 Wa
Trypanosoma gambiense, humans, prognosis and/or cure evaluated by measuring fluorescent antibodies in serum and spinal fluid
- Immunofluorescence
Fuchs AP et al
1980 Rev Inst Med Trop S Paulo 22 (5) Sept-Oct 242-245 Wm
T[rypanosoma] cruzi, Chagas disease patients, serological diagnostic test results compared (indirect immunofluorescence, indirect hemagglutination, complement fixation, ELISA) with clinical findings
- Immunofluorescence
Fuchs V et al
1981 Ceskoslov Gynek 46 (1) Feb 7-11 Wm
pregnant women who had undergone amniocentesis for possible genetic problems of fetuses, serological diagnostic tests showed higher than average positive reactions for toxoplasmosis
- Immunofluorescence
Fujinaga T; Minami T
1981 Vet Parasitol 8 (2) May 115-126 Wa
Theileria sergenti, Babesia ovata, cattle (exper.), relationships between parasitaemia, erythrocyte counts, indirect fluorescent antibody- and complement fixation-test titres, use of IFA and CF tests for serodiagnosis of natural infections of theileriosis and babesiosis in cattle in Japan
- Immunofluorescence
Fujinaga T; Minami T; Ishihara T
1980 Research Vet Sc 29 (2) Sept 230-234 Wa
Babesia sp., large species from Japanese cattle, serological relationships with B. major (British and Dutch strains), B. bigemina (Kochinda strain) and B. bovis (Miyara strain), immunofluorescent antibody technique
- Immunofluorescence
Fujisaki K; Takeuchi S; Kitaoka S
1981 Eisei Dobutsu (Japan J San Zool) 32 (1) Mar 15 1-6 Wa
Haemaphysalis longicornis, localization of antigenic substances in tick organs using rabbit antiserum in double gel-diffusion and indirect immunofluorescence tests, no resistance developed in rabbits
- Immunofluorescence
Furtado T
1980 An Brasil Dermat 55 (2) Apr-June 81-86 Wm
American cutaneous leishmaniasis, human, diagnosis, review: detection of organisms, skin tests, complement fixation, indirect immunofluorescence
- Immunofluorescence
Galbraith RM et al
1980 Tr Roy Soc Trop Med and Hyg 74 (1) 52-60 Wa
Plasmodium falciparum, evaluation of several methods for recognition of pigment and parasites in human placenta

- Immunofluorescence**
Gallo D et al
1981 J Clin Microbiol 13 (4) Apr 631-636 Wm
multiple-antigen slide test for detection of
IgM antibodies in newborn and infant sera by
immunofluorescence, antigens are agents im-
plicated in congenital and neonatal disease
including *Toxoplasma gondii*
- Immunofluorescence**
Galvao VA
1979 Rev Inst Med Trop S Paulo 21 (5) Sept-Oct
231-236 Wm
Capillaria hepatica, children, diagnosis,
immunofluorescence: Bahia, Brazil
- Immunofluorescence**
Ganguly NK et al
1981 Indian J Med Research 73 Suppl Jan 111-113
Wa
Giardia lamblia, humans, serodiagnosis, com-
parative evaluation of indirect haemagglutina-
tion and immunofluorescence tests
- Immunofluorescence**
Gardiner PR; Jones TW; Cunningham I
1980 J Protozool 27 (3) Aug 316-320 Issued Oct 9
Wa
Trypanosoma brucei, in vitro-produced metacyc-
lics and blood stream infections initiated by
them in mice, antigenic analysis by indirect
fluorescent antibody test
- Immunofluorescence**
Garin Y; Audouin J; Diebold J
1977 Arch Anat et Cytol Path 25 (4) 221-226 Wm
Toxoplasma lymphadenitis, humans, histopatho-
logical appearance, immunofluorescent study of
lymph node biopsies
- Immunofluorescence**
Gillet J; Herman F
1977 Ann Soc Belge Med Trop 57 (6) Dec 593-595
Wa
P[lasmodium] falciparum, sampling, preserva-
tion, and transport of blood to be used as
antigen in detection by fluorescent antibody
test: provenance du Kivu (Republique du Zaire)
- Immunofluorescence**
Gilman R et al
1980 Gastroenterology 78 (3) Mar 435-439 Wa
Entamoeba histolytica, detection in rectal
biopsies, comparison of direct and indirect
fluorescent antibody techniques with 4 con-
ventional stains
- Immunofluorescence**
Gittelman HJ et al
1981 J Clin Microbiol 13 (2) Feb 309-312 Wa
Dirofilaria immitis, dogs, serodiagnosis,
quantitative automated fluorescent immunoassay
technique compared with manual semi-
quantitative enzyme-linked immunosorbent assay
- Immunofluorescence**
Gonzalez-Barranco D; Sandoval-Islas ME; Tru-
jillo-Valdes VM
1978 Arch Invest Med 9 (1) 51-58 Wm
Taenia solium, humans, diagnosis of cysticer-
cosis using immunofluorescence, useful as
diagnostic aid and for mass surveys
- Immunofluorescence**
Gonzalez Cappa SM et al
[1981] J Protozool 27 (4) Nov 1980 467-471
Issued Mar 11 Wa
Trypanosoma cruzi, mice immunized with whole
homogenate or flagellar fraction, relation of
humoral antibody response to protection eval-
uated by direct agglutination and indirect
fluorescent antibody test as well as by lytic
and neutralizing activity against blood trypto-
mastigotes, histopathology
- Immunofluorescence**
Gordon MA; Duncan RA; Kingsley LC
1981 J Clin Microbiol 13 (2) Feb 283-285 Wa
Toxoplasma gondii, human, serodiagnosis,
automated immunofluorescence test compared to
standard indirect fluorescent antibody method
- Immunofluorescence**
Goven BA; Dawe DL; Gratzek JB
1981 Develop and Comp Immunol 5 (2) Spring
283-289 Wa
Ichthyophthirius multifiliis, *Tetrahymena py-
riformis*, in vitro demonstration of serologi-
cal cross-reactivity (immobilization test,
indirect fluorescent antibody staining, pas-
sive hemagglutination), results indicate anti-
genic relationship
- Immunofluorescence**
Gray MA et al
1980 Research Vet Sc 29 (3) Nov 360-366 Wa
Theileria parva, *T. annulata*, cattle, serodiag-
nosis, enzyme linked immunosorbent assay, com-
parison with indirect fluorescent antibody
test, significant cross-reaction in ELISA with
sera from calf infected with *Babesia bigemina*
but not from animals infected with other *Babesia*
spp. or *Theileria* spp.
- Immunofluorescence**
Grove DI; Blair AJ
1981 Am J Trop Med and Hyg 30 (2) Mar 344-349
Wa
strongyloidiasis, human, diagnosis, indirect
immunofluorescent antibody assay using *Strongy-
loides ratti* and *S. stercoralis* larvae
- Immunofluorescence**
Guimaraes MCS et al
1981 Am J Trop Med and Hyg 30 (5) Sept 942-947
Wa
mucocutaneous leishmaniasis, kala-azar, and
Chagas' disease sera tested in ELISA and im-
munofluorescence tests with *Trypanosoma cruzi*,
Leishmania donovani, and *L. braziliensis* an-
tigens, antigen obtained from live *T. cruzi*
epimastigotes appears to be usable to distin-
guish between antibodies to *T. cruzi* and to
Leishmania
- Immunofluorescence**
Gupta MM et al
1981 J Trop Med and Hyg 84 (4) Aug 165-170 Wa
Plasmodium falciparum prepared from in vitro
continuous culture can be used as a source of
antigen for use in the indirect haemagglutina-
tion and immunofluorescence antibody tests,
applications for epidemiological evaluations
and assessments

- Immunofluorescence**
Hamburger J; Ben-Sasson SA
1981 Tropenmed u Parasitol 32 (1) Mar 43-47 Wa
Schistosoma mansoni, comparison of sera from chronically infected mice vs. sera from mice immunized with soluble worm antigen (antibody titers to unmodified and modified schistosomula in indirect fluorescent antibody test; passive protective activity; in vitro cytotoxic antibody activity); induction of antibodies by modified schistosomula, cross-testing of this antisera against modified and unmodified schistosomula
- Immunofluorescence**
Hanna REB
1980 Exper Parasitol 50 (2) Oct 155-170 Wa
Fasciola hepatica, immunofluorescent study of antigenic changes in tegument during development in rat and sheep
- Immunofluorescence**
Hashemi-Fesharki R; Uilenberg G
1981 Vet Quart 3 (1) Jan 1-8 Wa
Babesia crassa n. sp., sheep, goat, serological and morphological comparisons with *B. motasi* and *B. ovis*, low pathogenicity
- Immunofluorescence**
Hashemi-Nasab A; Zadeh-Shirazi H
1980 J Trop Med and Hyg 83 (3) June 119-122 Wa
visceral leishmaniasis (kala-azar), 130 cases, age and sex distribution, clinical and haematological data, mortality rate, complications, response to therapy, use of immunofluorescence for diagnosis: Fars Province, Iran
- Immunofluorescence**
Hasslinger MA; Schwaerzler C
1980 Berl u Munchen Tierarztl Wchnschr 93 (7) Apr 1 132-135 Wa
Trichosomoides crassicauda, development and migration in rat, inability to penetrate diaplacental barrier, diagnosis by flotation of feces-urine mixture better than immunofluorescence technique, eggs resistant to disinfectants
- Immunofluorescence**
Henry MC et al
1981 Ann Soc Belge Med Trop 61 (1) Mar 79-92 Wa
Trypanosoma brucei gambiense, humans, evaluation of various field techniques used in diagnosis: Zaire
- Immunofluorescence**
Hess U; Froehlich A
1979 Tropenmed u Parasitol 30 (3) Sept 301-307 Wa
Entamoeba histolytica, identification of trophozoites in preserved stool specimens using indirect immunofluorescence
- Immunofluorescence**
Heyberger K et al
1979 Sborn Lekar 81 (11-12) Nov-Dec 347-348 Wm
toxoplasmosis, trichomoniasis, humans, diagnosis, leukocyte adherence inhibition test, results compare favorably with complement fixation and immunofluorescence tests
- Immunofluorescence**
Hickerton JP; Jones TW
1981 Ann Trop Med and Parasitol 75 (4) Aug 473-474 Wm
Babesia rodhaini, *B. microti*, *B. muratovi* (= *Nuttallia musculi*), serological differentiation with fluorescent antibody staining technique
- Immunofluorescence**
Hinaidy HK
1981 Berl u Munchen Tierarztl Wchnschr 94 (7) Apr 1 121-125 Wa
Babesia divergens, cattle (nat. and exper.), immunization with formalin-killed vaccine showed highest immunogenicity in indirect fluorescent antibody test as compared with β -propiolactone- or with a lyophilized vaccine; effective immunization of cattle in endemic areas in Styria using formalin-vaccine
- Immunofluorescence**
Hoerchner F; Bofenschen F; Zander B
1979 Tropenmed u Parasitol 30 (3) Sept 265-273 Wa
Trypanosoma b. brucei, *T. congolense*, *T. vivax*, serological differentiation, immunoperoxidase, immunofluorescence, immunoperoxidase-complement fixation, and immunofluorescence-complement fixation tests compared
- Immunofluorescence**
Hommel M; David PH
1981 Infect and Immun 33 (1) July 275-284 Wa
Plasmodium knowlesi, variant antigens demonstrated on schizont-infected erythrocytes but not on merozoites; techniques used include purification of merozoites, use of hyperimmune rabbit sera instead of monkey sera, schizont-infected cell agglutination test, indirect immunofluorescence antibody test, and electron microscopy with ferritin-labeled antibodies
- Immunofluorescence**
Hunter KW; et al
1980 J Immunol 125 (1) July 169-174 Wm
Plasmodium yoelii, mice, analysis of (parasitized and nonparasitized) erythrocyte surface-bound immunoglobulin by flow microfluorimetry, could contribute to development of anemia
- Immunofluorescence**
Hyde B; Burgett MW; Maggio ET
1980 Clin Chim Acta 103 (3) May 9 393-398 Wa
Toxoplasma gondii, solid-phase fluoroimmunoassay for detection and quantitation of human anti-*Toxoplasma* antibodies
- Immunofluorescence**
Ibeziako PA; Okerengwo AA; Williams AIO
1980 Internat J Gynaec and Obst 18 (2) Sept-Oct 147-149 Wm
pregnant Nigerian women on malarial chemoprophylaxis, malarial fluorescent antibody titres throughout pregnancy and in paired maternal and cord blood at delivery, findings show that if malarial prophylactics are used for prolonged period maternal antibody levels will fall, leaving newborns with lowered immunity to malaria

- Immunofluorescence
Ibeziako PA; Williams AIO
1980 Brit J Obst and Gynaec 87 (11) Nov 976-982
Wm
pregnant Nigerian women on malarial chemoprophylaxis, immunoglobulin levels and malarial fluorescent antibody titres at various stages of gestation and in paired maternal and cord sera at time of delivery, concluded that newborn of mothers on prolonged malarial chemoprophylaxis may have lowered acquired immunity to malaria
- Immunofluorescence
Ilardi I; Petracca C
1979 Ann Sclavo 21 (4) July-Aug 568-572 Wm
Entamoeba histolytica, humans, diagnosis, gel diffusion precipitin test vs. fluorescent antibody test, both recommended
- Immunofluorescence
Ishizuka MM
1978 Rev Fac Med Vet e Zootec Univ S Paulo 15 (1) 45-49 Wa
Toxoplasma gondii, comparative study of Sabin-Feldman and indirect fluorescent antibody techniques for anti-Toxoplasma antibodies evaluation in swine serum
- Immunofluorescence
Jacquemin JL; Colasson F; Larroque V
1980 Arch Med Ouest 12 (6) June-July 307-311 Wm
toxoplasmosis, pregnant women, diagnostic serology, prophylactic measures suggested
- Immunofluorescence
Janitschke K et al
1981 J Trop Med and Hyg 84 (4) Aug 147-154 Wa
schistosomiasis, humans, diagnosis, evaluation of the ELISA test as an epidemiological tool, comparisons with parasitological findings and other immunodiagnostic tests, test correlations using a Multiscan photometer, recommended for epidemiological surveys
- Immunofluorescence
Jira J et al
1980 Casop Lek Cesk 119 (12-13) Mar 369-372 Wm
Toxoplasma gondii, human sera, diagnosis, complement fixation test vs. indirect fluorescent antibody test
- Immunofluorescence
Johnson AM et al
1981 Austral J Exper Biol and Med Sc 59 (3) June 303-306 Wa
Toxoplasma gondii, hybridomas secreting monoclonal antibody, immunoglobulin subclasses (IgG1, IgG2a, IgG3) and reactivity in indirect haemagglutination antibody test and indirect immunofluorescence antibody test
- Immunofluorescence
Johnson AM; Roberts H; McDonald PJ
1980 J Hyg Cambridge 84 (2) Apr 315-320 Wa
Toxoplasma gondii, humans, age-sex distribution of antibodies, indirect immunofluorescence: South Australia
- Immunofluorescence
Johnston LAY et al
1980 Austral Vet J 56 (3) Mar 116-118 Wa
Anaplasma marginale, comparison of direct fluorescent antibody and Giemsa staining for post-mortem diagnosis; cross reactions between A. marginale and A. centrale
- Immunofluorescence
Kaliraj P; Ghirnikar SN; Harinath BC
1981 Am J Trop Med and Hyg 30 (5) Sept 982-987 Wa
Wuchereria bancrofti, human, immunodiagnosis, comparative efficiency of indirect hemagglutination test, indirect fluorescent antibody test, and enzyme-linked immunosorbent assay done with W. bancrofti microfilarial antigens
- Immunofluorescence
Kawai K et al
1980 Nippon Ganka Gakkai Zasshi (Acta Soc Opth Japon) 84 (9) Sept 10 1107-1112 Wm
Toxoplasma gondii, strain RH tachyzoites, assessment and characterization of membrane antigen, localization of membrane antigen in the tachyzoite by immunoelectronmicroscopy, practicability of quantitative antibody detection by fluoropolarimetry with the use of membrane antigen, suggests potential usefulness as diagnostic test
- Immunofluorescence
Kellett BS; Bywater JEC
1980 Lab Animals 14 (2) Apr 83-86 Wa
Encephalitozoon cuniculi antibody detection in rat and mouse serum by indirect india-ink immunoreaction and india-ink immunoreaction inhibition tests, comparison with indirect fluorescence antibody test
- Immunofluorescence
Key SN III et al
1980 Arch Opth Chicago 98 (3) Mar 475-479 Wa
Acanthamoeba castellanii, 27-year-old man with keratitis, clinico-pathologic case report, organism identified by immunofluorescent staining of material from necrotic cornea of enucleated eye
- Immunofluorescence
Kloosterman A; Benedictus J; Aghina H
1980 Vet Parasitol 7 (2) Sept 133-142 Wa
Cooperia oncophora, cattle, colostral transfer of anti-nematode antibodies demonstrated using indirect fluorescent antibody technique and indirect haemagglutination test but calves not protected against challenge at 2.5 to 4 months
- Immunofluorescence
van Knapen F et al
1980 Vet Parasitol 7 (2) Sept 109-121 Wa
Trichinella spiralis, pigs (exper.), detection of infections, comparison of enzyme-linked immunosorbent assay with trichinoscopy, digestion method, and immunofluorescence technique
- Immunofluorescence
Kozojed V et al
1980 Casop Lek Cesk 119 (48) Nov 28 1310-1315 Wm
Toxoplasma antigen used to compare indirect haemagglutination test with complement fixation and indirect fluorescent antibody tests, diagnosis of human toxoplasmosis
- Immunofluorescence
Krotoski WA et al
1981 Am J Trop Med and Hyg 30 (1 pt 1) Jan 31-37 Wa
Plasmodium cynomolgi bastianelli, 48-hour exoerythrocytic stage, detection and specific identification by means of indirect immunofluorescence technique

Immunofluorescence

Labro-Bryskier MT et al
1981 Ann Biol Clin 39 (4) 175-180 Wa
toxoplasmosis, human, diagnosis, effect of
presence of rheumatoid factors on results for
determination of antitoxoplasm IgM antibodies
by immunofluorescence and agglutination tech-
niques

Immunofluorescence

Lanotte G; Rioux JA; Pratloug F
1980 Ann Parasitol 55 (6) Nov-Dec 635-643 Wa
visceral leishmaniasis in children vs. adults,
bioclinical analysis, indirect fluorescent
antibody rates; mucosal leishmaniasis, report
of 2 cases: Cevennes, France

Immunofluorescence

Lansetti JC et al
1980 Medicina Buenos Aires 40 Suppl (1) 258-259
Wm
Trypanosoma cruzi, humans, diagnosis, serologic
screening tests compared (rapid agglutination,
rapid hemagglutination, immunofluorescence)

Immunofluorescence

Lapierre J et al
1978 Bull Soc Path Exot 71 (4-5) July-Oct 354-
361 Wa
Schistosoma haematobium, S. mansoni, human
sera, diagnosis, indirect immunofluorescence
using homologous vs. heterologous antigens,
combined antigens may be useful for epidemio-
logic surveys

Immunofluorescence

Lapierre J et al
1978 Bull Soc Path Exot 71 (6) Nov-Dec 450-454
Wa
Schistosoma intercalatum, human rectal infec-
tions, diagnosis, far better results obtained
using S. haematobium as antigen than using S.
mansoni antigen, indirect immunofluorescence

Immunofluorescence

Lapierre J et al
1979 Bull Soc Path Exot 72 (2) Mar-Apr 148-152
Wa
Schistosoma mansoni, serums from central and
west African groups vs. West Indians, differ-
ences in responses to indirect fluorescent
antibody test

Immunofluorescence

Lapierre J et al
1980 Nouv Presse Med 9 (14) Mar 22 1013-1016
Wm
echinococcosis, humans, study of 146 confirmed
cases, localization, immunodiagnosis

Immunofluorescence

Lapierre J; Ancelle T; Roose A
1978 Bull Soc Path Exot 71 (4-5) July-Oct 349-
354 Wa
Schistosoma haematobium, S. mansoni, mice,
diagnosis, indirect fluorescent antibody tech-
nique, heterologous and homologous antigens
compared

Immunofluorescence

Laudanska H et al
1980 Przegł Dermat 67 (2) Mar-Apr 187-192 Wm
Trichomonas vaginalis, patients with asymp-
tomatic or latent forms, indirect immunofluores-
cence test useful diagnostic tool

Immunofluorescence

Leaute JB; Hanna SM
1980 Ann Biol Clin 38 (3) 175-178 Wm
toxoplasmosis, human sera, diagnosis, enzyme-
linked immunosorbent assay compared with other
immunologic diagnostic tests

Immunofluorescence

Le Bras J et al
1980 Ann Soc Belge Med Trop 60 (2) June 163-171
Wa
Dracunculus medinensis, infected human serum,
specific antibody pattern without cross reac-
tion with other parasitic infections, study
used several immunodiagnostic tests

Immunofluorescence

Lewis D; Herbert I
1980 Vet Rec 107 (15) Oct 11 352-353 Wa
Babesia motasi, sheep exposed to Haemaphysalis
punctata collected from coastal grazing area
of North Wales, diagnosis in blood smears and
by immunofluorescent antibody test

Immunofluorescence

Lewis EA; Salimonu LS; Osunkoya BO
1978 African J Med and Med Sc 7 (4) Dec 197-
200 Wm
Necator americanus, immunofluorescence tech-
nique developed to detect antibodies to sur-
face antigens of hookworm using 3rd stage
larvae as antigen source; specific antibody
production of various groups compared (patients
with severe anemia, blood donors, medical
students, Canadian Caucasians): Nigeria

Immunofluorescence

Lin CY; Chen SN
1980 Med J Osaka Univ 31 (1-2) Sept 1-6 Wm
Angiostrongylus cantonensis, humans who had had
contacts with Achatina fulica vectors, clinical
pathology, mainly presentation as eosinophilic
meningitis, immunodiagnosis, first reports in
Northern Taiwan

Immunofluorescence

Lin TM; Halbert SP; O'Connor GR
1980 J Clin Microbiol 11 (6) June 675-681 Wa
Toxoplasma gondii, human, standardized quanti-
tative enzyme-linked immunosorbent assay for
detection of antibodies, comparison with dye
test, indirect immunofluorescence test, and
passive hemagglutination test

Immunofluorescence

van Loon A; van der Veen J
1980 J Clin Path 33 (7) July 635-639 Wa
Toxoplasma gondii, human, enzyme-linked immunosorbent
assay for quantitation of antibodies in human
sera, sensitivity compared with immunofluo-
rescence and complement fixation

Immunofluorescence

Lopez-Brea M
1980 Tr Roy Soc Trop Med and Hyg 74 (2) 283-284
Wa
kala-azar, human, 3 cases, diagnosis and
serological follow-up using Crithidia sp. as
antigen in immunofluorescence test

Immunofluorescence

McGreevy PB et al
1980 Am J Trop Med and Hyg 29 (4) July 553-562
Wa
Brugia malayi, natives living in endemic area, indirect fluorescent antibody technique used to determine class of anti-sheath immunoglobulins and prevalence and titer of each class in different age groups, anti-sheath antibodies related to amicrofilaremia but not to filarial disease: South Kalimantan, Borneo

Immunofluorescence

Mackenzie PKI; Lawrence JA
1979 Rhodesian Vet J 10 (3) Sept 64-66 Wa
Theileria lawrencei, cattle, indirect fluorescent antibody test using T. parva schizont antigen; successful transmission of T. lawrencei by Rhipicephalus appendiculatus

Immunofluorescence

Magnus E et al
1978 Ann Soc Belge Med Trop 58 (2) June 103-109
Wa
T[rypanosoma] brucei gambiense, humans, diagnosis, conventional preparation vs. freeze-dried preparation of T. b. brucei antigen in the indirect fluorescent antibody test

Immunofluorescence

Matossian RM
1981 J Helminth 55 (1) Mar 49-57 Wa
hydatid disease, human, simplified radioimmunoassay (RIA) compared with indirect haemagglutination test; trichinosis, human, RIA compared with fluorescent antibody test

Immunofluorescence

Menard E et al
1975 Rev Med Chile 103 (3) Mar 215-220 Wm
Toxoplasma gondii, epidemiological survey of 250 presumably healthy children for evidence of infection using the indirect immunofluorescence test, most active infections started in second year of life, most children had contact with soil contaminated with cat feces: western district of Santiago

Immunofluorescence

Mesfin GM; Bellamy JEC
1980 Vet Parasitol 7 (2) Sept 87-93 Wa
Eimeria falciformis var. pragensis, immunogenicity of different life-cycle stages evaluated with indirect fluorescent antibody reaction

Immunofluorescence

Milder JE et al
1980 J Clin Microbiol 11 (4) Apr 409-417 Wa
Pneumocystis carinii in rat bronchial lavage fluid, diagnosis, comparison of histological stains and immunological techniques, cresyl echt violet and indirect fluorescent antibody are preferred techniques

Immunofluorescence

Minami T et al
1980 National Inst Animal Health Quart Tokyo 20 (2) Summer 44-52 Wa
Theileria sergenti, comparison of Japanese and Russian strains in cattle: morphology, clinical and hematologic findings, transmission by Haemaphysalis longicornis, serology in complement fixation and indirect fluorescent antibody tests

Immunofluorescence

Mithal S et al
1978 Indian J Med Research 67 Mar 367-373 Wa
amoebiasis, human, serodiagnosis, indirect fluorescent antibody test using axenic Entamoeba histolytica, comparison with indirect hemagglutination test

Immunofluorescence

Monjour L et al
1978 Ann Soc Belge Med Trop 58 (4) Dec 293-300
Wa
Leishmania donovani, counterimmunoelectrophoresis on cellulose acetate membranes, useful tool for diagnosis and epidemiological surveys of human or canine sera, comparisons with results using the fluorescent antibody test

Immunofluorescence

Muhm RL et al
1979 Proc 22 Ann Meet Am Ass Vet Lab Diagn (San Diego California Oct 28-30 1979) 139-146
Wa
Sarcocystis, cattle, case history, diagnosis using immunofluorescence, serology, and histopathology

Immunofluorescence

Naot Y; Remington JS
1980 J Infect Dis 142 (5) Nov 757-766 Wa
Toxoplasma gondii, humans, enzyme-linked immunosorbent assay for detection of IgM antibodies, more sensitive than Sabin-Feldman dye test or IgM-immunofluorescence antibody test

Immunofluorescence

Nardin E; Gwadz RW; Nussenzweig RS
1979 Bull World Health Organ 57 suppl 1 211-217
Wa
Plasmodium spp., characterization of sporozoite surface antigens by immunofluorescence, detection of stage- and species-specific antimalarial antibodies

Immunofluorescence

Niederborn JY; Shaddock JA; Weidner E
1980 J Parasitol 66 (4) Aug 675-677 Wa
Microsporidia spp., antigenic cross-reactivity among spores as determined by immunofluorescence

Immunofluorescence

Nozais JP
1979 Afrique Med (168) 18 Mar 179-182 Wm
Schistosoma mansoni, children, relationships between host age, host sex, fecal egg count, splenomegaly, and fluorescent antibody levels: Cote d'Ivoire

Immunofluorescence

Omanga U; Muganga N
1981 Ann Soc Belge Med Trop 61 (1) Mar 5-14 Wa
Plasmodium falciparum, children with acute infections, fluorescent antibody test used to compare serological immune response to uncomplicated vs. cerebral infection: Zaire

Immunofluorescence

Oniki S; Kurakazu K
1980 Nippon Ganka Gakkai Zasshi (Acta Soc Opthth Japon) 84 (9) Sept 10 1408-1416 Wm
toxoplasmosis, serum from humans with eye infections, diagnostic evaluation of indirect fluorescent antibody test, indirect hemagglutination test, and latex agglutination test, Sabin-Feldman dye test used as reference

Immunofluorescence

Osisanya JOS; Warhurst DC
1980 Tr Roy Soc Trop Med and Hyg 74 (5) 605-608
Wa
Entamoeba histolytica, human, hepatic and intestinal disease, specific anti-amoebic immunoglobulins measured using indirect fluorescent antibody test, comparison with results of cellulose acetate precipitin tests

Immunofluorescence

Osman ZM et al
1978 Bull Onhth Soc Egypt (75) 71 177-190 Wm
Toxoplasma, blind children, diagnosis of congenital infection using fluorescent antibody test, probable role in etiology of blindness: Egypt

Immunofluorescence

Pakan J et al
1980 Bratisl Lekar Listy 73 (5) May 580-585 Wm
toxoplasmosis, diagnostic importance of sero-immunological testing of pregnant women in order to reduce prenatal infections and abortions: Bratislava

Immunofluorescence

Panday RS et al
1981 Vet Quart 3 (1) Jan 25-30 Wa
Dirofilaria immitis, dogs (peripheral blood), incidence survey (1977-1978), relationship between presence of microfilariae and host age, sex, breed, residence, clinical symptoms, liver and kidney function blood values, and presence of antibodies using indirect fluorescent antibody test: Surinam

Immunofluorescence

Peralta JM et al
1980 J Parasitol 66 (2) Apr 342-344 Wa
Trypanosoma cruzi, mice infected with different strains, antibodies detected by different immunodiagnostic tests

Immunofluorescence

Peralta JM et al
1981 Tr Roy Soc Trop Med and Hyg 75 (5) 695-698
Wa
Trypanosoma cruzi, human, diagnosis, direct agglutination test, effect of pre-treatment of test samples with 2-mercaptoethanol, comparison with results in indirect haemagglutination and indirect immunofluorescence tests: Brazil

Immunofluorescence

Pereira Lorenzo A
1979 Rev Iber Parasitol 39 (1-4) Jan-Dec 401-409
Wa
Sarcocystis miescheriana, incidence in swine, diagnosis, direct microscopic examination of compressed tissue, pepsin-muscular digestion, and indirect immunofluorescence

Immunofluorescence

Perrin LH et al
1980 Clin and Exper Immunol 41 (1) July 91-96
Plasmodium falciparum, characterization of defined antigens by monoclonal antibodies, indirect immunofluorescence can be used to check specificity of hybrid products in this system

Immunofluorescence

Philippe E et al
1979 Nouv Presse Med 8 (6) Feb 3 442 Wm
toxoplasmosis, humans, diagnosis, lymph node biopsy as adjunct to fluorescent antibody test

Immunofluorescence

Pieron R et al
1980 Ann Soc Belge Med Trop 60 (1) Mar 27-32 Wa
Schistosoma haematobium, S. mansoni, humans, niridazole therapy evaluated 1 year after treatment, viable eggs in urine, feces, and rectal snip biopsies continued to be present, indirect immunofluorescence technique used to assess treatment proved disappointing

Immunofluorescence

Pieron R et al
1980 Med Trop 40 (3) May-June 259-264 Wm
Schistosoma haematobium, humans, diagnostic techniques compared (centrifugation of urine, rectal mucosa biopsy, indirect immunofluorescence test)

Immunofluorescence

Piessens WF et al
1980 Am J Trop Med and Hyg 29 (4) July 563-570
Wa
Brugia malayi, human, anti-microfilarial sheath antibodies of different immunoglobulin classes detected by indirect immunofluorescence, antibodies promoting adherence of buffy coat cells to microfilariae, immunoglobulin on microfilariae isolated from blood of microfilaremic individuals, correlation of serum antibodies and cellular responses to microfilarial antigens with clinical status of single individuals: South Kalimantan, Indonesia

Immunofluorescence

Pillay MR; Frank H; Ponnampalam JT
1981 Southeast Asian J Trop Med and Pub Health 12 (1) Mar 111-113 Wa
Plasmodium spp., humans, antibody titers measured by indirect fluorescent antibody test for diagnosis and to assess cure rate 18 months later

Immunofluorescence

Polderman AM; de Vries H; van de Water TPM
1980 Acta Leidensia 48 37-42 Wa
toxocarasis, human, serological diagnosis, unsuccessful attempts to increase specificity of ELISA by using fractions of larval Toxocara canis antigens, immunofluorescence on cuticle of intact larvae shown to be specific but not very sensitive test

Immunofluorescence

Quakyi IA
1980 Tropenmed u Parasitol 31 (3) Sept 325-333
Wa
malaria, development and validation of enzyme linked immunosorbent assay, immunodiagnostic and seroepidemiological value, comparison with indirect immunofluorescence antibody test

Immunofluorescence

Radda TM et al
1981 Klin Monatsbl Augenh 178 (2) Feb 147-148
Wm
Loa loa, humans. Loa ophthalmia, clinical aspects, diagnosis using the indirect immunofluorescence test, surgical therapy

Immunofluorescence

Ribeiro CD et al
1981 Nouv Presse Med 10 (17) Apr 18 1420-1421
Wm
Schistosoma mansoni, humans, nonspecific immunofluorescence of adult worms, role of anti-smooth muscle anti-bodies in differential diagnosis

Immunofluorescence

- Rieckmann KH et al
1979 Bull World Health Organ 57 suppl 1 139-151
Wa
Plasmodium knowlesi, rhesus monkeys, immunization with 3 nonviable blood-stage antigens, response to challenge, haematology, indirect fluorescent antibody test, IgG values, radio-immunoassay values, opsonization and merozoite inhibition tests, B and T cell values, lymphocyte transformation test, intradermal skin test

Immunofluorescence

- Robert R; Chabasse D; Hocquet P
1981 Biomedicine Express 35 (2) May 61-65 Wa
antitoxoplasma IgM detection by indirect immunofluorescence antibody test and passive hemagglutination tests, diagnostic errors can be avoided by using protein A of Staphylococcus aureus to eliminate IgG from serum being tested

Immunofluorescence

- Robinson B et al
1980 South Med J 73 (4) Apr 516-518 Wm
Trypanosoma brucei gambiense, chronic infection, Nigerian student, diagnosed by computerized axial tomography and immunofluorescence: Oklahoma

Immunofluorescence

- Robson J et al
1981 Trop Animal Health and Prod 13 (1) Feb 1-11
Wa
Theileria parva, T. mutans, cattle continually exposed to natural infection, parasitological and serological response, indirect fluorescent antibody test, T. parva cell culture schizont antigen more reliable and specific than piroplasm antigen: Uganda

Immunofluorescence

- Rodriguez Osorio M; Gomez Garcia V; Campos Bueno M
1977 Rev Iber Parasitol 37 (1-2) Jan-June 81-85 Wa
Trichinella spiralis antigen of cuticular origin exhibits some cross reaction with Salmonella typhi and S. paratyphi when used in the indirect fluorescent antibody test

Immunofluorescence

- Rolgas EM
1975 Parazitologia Leningrad 9 (3) May-June 278-284 Wa
Trichomonas vaginalis, direct immunofluorescence for differentiation of serotypes

Immunofluorescence

- Rotmans JP; Mooij GW
1980 Tr Roy Soc Trop Med and Hyg 74 (4) 463-468
Wa
Schistosoma mansoni, separation of adult worm antigen fractions, use in defined antigen substrate spheres system and enzyme-linked immunosorbent assay with serum from schistosomiasis patients, cross-reactivity with serum from patients with other helminth infections

Immunofluorescence

- Ruebush TK II et al
1981 Am J Trop Med and Hyg 30 (1 pt 1) Jan 291-292 Wa
Babesia microti-infected humans, development and persistence of antibody, indirect immunofluorescent test

Immunofluorescence

- Salfelder A; Mannweiler E
1981 Tropenmed u Parasitol 32 (3) Sept 194-196
Wa
mucocutaneous leishmaniasis, malaria, Chagas' disease, amebiasis, patient sera examined with 5 antigens (Leishmania donovani, Trypanosoma cruzi, Plasmodium fieldi, P. falciparum, Entamoeba histolytica) in indirect fluorescent antibody test, complement fixation test, indirect hemagglutination test, and latex agglutination test: Venezuela

Immunofluorescence

- Saliou P et al
1978 Bull Soc Path Exot 71 (2) Mar-Apr 181-188
Wa
sleeping sickness, human, epidemiological situation, evaluation of use of indirect immunofluorescence and capillary-tube passive hemagglutination: Bouafle, Cote-d'Ivoire

Immunofluorescence

- Sampaio RNR et al
1980 An Brasil Dermat 55 (2) Apr-June 69-76 Wm
Leishmania, patients with American mucocutaneous infections, histological and immunological diagnosis, therapy: Sobradinho, Brasilia

Immunofluorescence

- Sanchez Franco A; Sanchez Acedo C; Albala Perez F
1977 Rev Iber Parasitol 37 (3-4) July-Dec 379-385 Wa
echinococcosis, human and ovine, diagnosis, procedure for antigen preparation using whole purified scolex for immunofluorescence test

Immunofluorescence

- Schmunis GA et al
1980 Am J Trop Med and Hyg 29 (2) Mar 170-178
Wa
Trypanosoma cruzi, children with recent infections, diagnosis, direct agglutination test with or without previous treatment of sera with 2-mercaptoethanol, comparison with indirect hemagglutination and indirect immunofluorescence tests

Immunofluorescence

- Schutte CHJ et al
1980 South African Med J 58 (2) July 12 71-75
Wm
Schistosoma haematobium, Black schoolchildren, diagnosis, sensitivity and specificity of indirect fluorescent antibody test vs. egg output quantitation in urine samples, single urine specimen seemed adequate unless the infection was weak

Immunofluorescence

- Shaw JJ; Lainson R
1981 Tr Roy Soc Trop Med and Hyg 75 (2) 254-257
Wa
cutaneous and mucocutaneous leishmaniasis, Chagas disease, human, IgA and IgG antibodies, Leishmania mexicana amazonensis and Trypanosoma cruzi as antigens in immunofluorescent tests

Immunofluorescence

Singh M et al

1980 J Helminth 54 (2) June 147-153 Wa
Brugia malayi-infected *Meriones unguiculatus*, indirect fluorescent antibody technique, microfilarial and adult worm antigens, antibody levels in microfilaraemic hosts, antibody titres during course of infection and after diethylcarbamazine treatment

Immunofluorescence

Singh M et al

1980 J Helminth 54 (2) June 155-159 Wa
Brelinia booliati-infected rats, indirect immunofluorescent antibody technique, microfilarial and adult worm antigens, antibody levels in microfilaraemic rat sera, post-patent rat sera, and amicrofilaraemic rat sera

Immunofluorescence

Slemenda SB; Hitchings M; Maddison SE

1980 J Parasitol 66 (6) Dec 893-897 Issued May 6 1981 Wa

Schistosoma mansoni, *S. haematobium*, human, standardization of FIAX (fluoroimmunoassay) using crude cercarial and adult *S. mansoni* antigens, calibration using enzyme-linked immunosorbent assay performed with same antigens

Immunofluorescence

Smith RD et al

1980 Am J Vet Research 41 (12) Dec 1957-1965 Wa
Babesia bovis, *B. bigemina*, cattle, tick-borne exposure, clinical and pathologic responses, absence of significant heterologous species immunity, cross-reactivity in indirect fluorescent antibody test was restricted to period during and shortly after recovery

Immunofluorescence

Speiser F

1980 Schweiz Med Wchnschr 110 (11) Mar 15 404-407 Wa

E[ntamoeba] histolytica, human, diagnosis, comparison of enzyme linked immunosorbent assay with indirect immunofluorescence antibody test and counter-immunoelectrophoresis

Immunofluorescence

Speiser F

1980 Tropenmed u Parasitol 31 (4) Dec 459-466 Wa

filariasis, echinococcosis, human, serodiagnosis, enzyme-linked immunosorbent assay using *Echinococcus granulosus* hydatid fluid and *Dipetalonema viteae* as antigens, comparison with indirect fluorescent antibody test, indirect haemagglutination test, and counterimmunoelectrophoresis, ELISA was most sensitive but least specific method

Immunofluorescence

Spencer HC et al

1980 Am J Trop Med and Hyg 29 (2) Mar 179-182 Wa

Trypanosoma cruzi, human, serodiagnosis, evaluation of micro enzyme-linked immunosorbent assay, comparison with complement fixation and indirect fluorescent antibody tests

Immunofluorescence

Spencer HC et al

1981 Am J Trop Med and Hyg 30 (4) July 747-750 Wa

Plasmodium falciparum, human, enzyme-linked immunosorbent assay, indirect fluorescent antibody test, age distribution of serologic responses, results indicate neither test is appropriate as diagnostic aid but both would be useful in epidemiologic investigations; some patients had concurrent *P. vivax* infection: El Salvador, Central America

Immunofluorescence

Stahr BJ; Walzer PD; Yoneda K

1981 J Parasitol 67 (2) Apr 196-203 Wa

Pneumocystis carinii, effects of trypsin vs. pronase on morphology and antigenic properties of cyst form, light and transmission electron microscopy, immunofluorescence, data suggest that antigenic determinants of cysts reside in cell walls

Immunofluorescence

Stankiewicz M; Jeska EL

1979 Bull Acad Polon Sc Cl II s Sc Biol 27 (5) 349-352 Wa

Trichinella pseudospiralis in normal chicken serum, precipitin-like deposits, reaction is temperature and Ca dependent and requires heat labile factor(s); IgM and IgG shown in precipitates by immunofluorescence

Immunofluorescence

Stevens DL et al

1979 Am J Gastroenterol 72 (3) Sept 234-238 Wm

E[ntamoeba] histolytica, Caucasian male, case report, hepatic abscess, nonreactive to immunological tests preoperatively, motile hematophagous trophozoites seen microscopically in scrapings from wall of abscess, postoperative serologic tests were positive

Immunofluorescence

Stevens DR; Moulton JE

1977 Acta Neuropath Berlin 38 (3) June 173-180 Wm

Trypanosoma brucei, exper. meningoencephalitis in *Peromyscus maniculatus*, light, immunofluorescent, and electron microscopic study

Immunofluorescence

Stewart CG; Botha WS; Van Dellen AF

1979 J South African Vet Ass 50 (3) Sept 169-172 Wa

Encephalitozoon, dogs (nat. and exper.), prevalence of antibodies determined using indirect fluorescent antibody test, results indicate that test is suitable for epidemiological studies

Immunofluorescence

Stoeckli HR et al

1980 Fortschr Neurol 48 (6) June 303-313 Wm

Toxoplasma gondii, humans with various neurological infections, parasite identified in spinal fluid using indirect immunofluorescence and phase contrast microscopy

Immunofluorescence

Stoll L; Haase M; Fuhr R

1979 Arch Lebensmittel-Hyg 30 (6) Nov-Dec 208-214 Wa

Trichinella spiralis, mice and pigs, diagnosis, comparison of agar gel precipitation, direct precipitation, and indirect immunofluorescent antibody test

Immunofluorescence

Streiger ML; Bovero NM; del Valle Davila E
1980 Medicina Buenos Aires 40 Suppl (1) 250-251
Wm
[Trypanosoma] cruzi, humans, diagnosis, indirect immunofluorescence reaction, preservation of imprints

Immunofluorescence

Sulzer AJ et al
1981 Ann Trop Med and Parasitol 75 (4) Aug 375-381 Wm
Plasmodium vivax, human, malaria antibody (indirect immunofluorescence) and parasitaemia patterns in one immune (native Jivaro Indians) and one non-immune (oil field workers) population in malarious area of northern Peru

Immunofluorescence

Tadros W; Hazelhoff W; Laarman JJ
1979 Acta Leidensia 47 53-63 Wa
Sarcocystis spp., detection of circulating antibodies in human and bovine sera by enzyme-linked immunosorbent assay technique, comparison with indirect fluorescent antibody technique

Immunofluorescence

Takafuji ET et al
1980 Am J Trop Med and Hyg 29 (4) July 516-520
Wa
cutaneous leishmaniasis, occurrence in U.S. Army battalion deployed to Panama Canal Zone for jungle warfare training, medical surveillance program, aspiration cultures of greater value than punch biopsies in confirming early infection, indirect fluorescent antibody and direct agglutination tests useless as diagnostic screening methods in early stages

Immunofluorescence

Tamura T et al
1980 J Coll Dairying Nat Sc (18) 8 (2) Oct 249-256 Wa
Babesia gibsoni, dogs, indirect fluorescent antibody test as method for detecting antibody

Immunofluorescence

Taylor DW et al
1981 Infect and Immun 32 (2) May 563-570 Wa
Plasmodium yoelii, monoclonal antibodies to stage-specific, species-specific, and cross-reactive (with Plasmodium spp. and Babesia microti, but not Toxoplasma gondii) antigens, specificity and location of plasmodial antigens determined by indirect fluorescent antibody analysis

Immunofluorescence

Tello P
1980 Bol Chileno Parasitol 35 (1-2) Jan-June 21-24 Wm
Toxoplasma gondii, diagnosis in pregnant women and their newborn infants using various immunological tests, treatment recommendations

Immunofluorescence

Terpstra WJ et al
1980 Bull Soc Path Exot 73 (2) Mar-Apr 164-171
Wa
Schistosoma mansoni, S. haematobium, naturally infected humans vs. exper. infected golden hamsters, infection intensity and specific antibody response measured using the indirect fluorescent antibody technique, in general antibody titre reflected infection intensity

Immunofluorescence

Terpstra WJ; Van Helden HPT; Eyakuze VM
1980 Bull Soc Path Exot 73 (1) Jan-Feb 74-85 Wa
Schistosoma mansoni, S. haematobium, humans, indirect fluorescent antibody test evaluated for seroepidemiological study (prevalence, age, sex, egg excretion), homologous vs. heterologous antigens: East Africa

Immunofluorescence

Teuber J; Brehm H; Stumpf J
1979 Immun u Infekt 7 (6) Dec 213-221 Wm
Trichinella spiralis, human, brief review (of history, epidemiology, biology and transmission, immunology, different diagnostic methods); evaluation of modified indirect immunofluorescence test; lymphocyte transformation test, evidence for immunosuppressive effect produced by adult worms

Immunofluorescence

Thomas V; Chang Wing Chit
1980 Tr Roy Soc Trop Med and Hyg 74 (1) 73-76
Wa
Plasmodium falciparum, infant boy, congenital infection, case report, immunofluorescence showed specific IgG and IgM antibodies in maternal cord and 2 early neonatal sera, value of specific IgM antibody in diagnosing congenital infection: Malaysia

Immunofluorescence

Thomas V; Fabiyi A; Adeniyi A
1981 J Trop Med and Hyg 84 (3) June 113-116 Wa
parasitic diseases in Nigerian children, usefulness of indirect fluorescent antibody technique, ELISA also used for Schistosoma mansoni

Immunofluorescence

Thomas V; Ho KB; Yap PL
1980 Tr Roy Soc Trop Med and Hyg 74 (3) 375-380
Wa
Plasmodium falciparum antibody profile of adults as shown by indirect fluorescent antibody technique, usefulness as epidemiological tool: 4 states in Peninsular Malaysia

Immunofluorescence

Thomas V; Ogunba EO; Fabiyi A
1978 African J Med and Med Sc 7 (2) June 107-112 Wm
parasitic infections, humans, application of immunodiagnostic tests discussed in relation to conditions operating in developing countries where diagnostic facilities are often limited, immunofluorescence antibody test identified as the test that could be used universally with success, review

Immunofluorescence

Thomas V; Sinniah B; Leng YP
1981 Am J Trop Med and Hyg 30 (1 pt 1) Jan 57-62 Wa
Entamoeba histolytica, patients with different clinical forms, diagnosis, indirect immunofluorescent technique, sensitivity, specificity, and reproducibility

Immunofluorescence

Thomas V; Sinniah B; Yap PL
1980 Southeast Asian J Trop Med and Pub Health 11 (1) Mar 119-125 Wa
Toxoplasma gondii, human, indirect fluorescent antibody prevalence in relation to age group, sex, and ethnic group, prevalence of specific IgM antibodies: Malaysia

- Immunofluorescence**
 Tikasingh E et al
 1980 Am J Trop Med and Hyg 29 (5 pt 1) Sept 715-719 Wa
 Plasmodium malariae, human, outbreak probably due to renewal of transmission from recrudescence cases, serology used to help define epidemic (indirect fluorescent antibody test by age group using *P. brasilianum*, *P. falciparum*, and *P. fieldi* as antigens): Grenada
- Immunofluorescence**
 Topi GC et al
 1978 Med Cutan Ibero-Latino-Am 6 (3-4) 185-192 Wm
 Toxoplasma gondii, humans, case reports, chronic prurigo, toxoplasms demonstrated in lesions by means of conventional stains, and by immunofluorescence
- Immunofluorescence**
 Tuomi J; Tanskanen R
 1980 Acta Vet Scand 21 (4) 699-701 Wa
 Eperythrozoon wenyonii, E. tuomii, antigenic non-relationship demonstrated by immunofluorescent method
- Immunofluorescence**
 Tzipori S et al
 1981 J Infect Dis 144 (2) Aug 170-175 Wa
 Cryptosporidium [sp.], artificially reared red deer calves (cecum, colon, jejunum, upper and terminal ileum), possible association between severe diarrhea of deer and parasite infection, serological relationship established (by indirect immunofluorescence) between Cryptosporidium isolated from the deer and bovine Cryptosporidium associated with earlier outbreak in suckled beef calves raised at the same research station, deer *C. [sp.]* also infected new-born specific pathogen-free mice: Scotland
- Immunofluorescence**
 Tzipori S; Campbell I
 1981 J Clin Microbiol 14 (4) Oct 455-456 Wa
 Cryptosporidium, antibodies detected by indirect immunofluorescence in over 80% of sera from 10 animal species including humans
- Immunofluorescence**
 Visvesvara GS et al
 1980 Ann Int Med 93 (6) Dec 802-805 Wa
 Giardiasis, humans, diagnosis, indirect immunofluorescence test for antibodies is specific and reproducible, may be useful for epidemiological and immunological surveys
- Immunofluorescence**
 Voller A
 1980 Internat J Nuclear Med and Biol 7 (2) 157-163 Wa
 use of immunofluorescence, enzyme-immunoassay, and radioimmunoassay in parasitic diseases with special reference to malaria, review
- Immunofluorescence**
 Vottero-Cima E; Faillaci MG; Rubiolo E
 1979 Acta Physiol Latinoam 29 (4-5) 263-270 Wa
 Trypanosoma cruzi, humans, detection of humoral immune response, solid-phase micro-radioimmunoassay test, comparison with complement-fixation, indirect hemagglutination, and immunofluorescence tests
- Immunofluorescence**
 Vullo V et al
 1979 Ann Sclavo 21 (1) Jan-Feb 83-87 Wm
 echinococcosis, humans, serological diagnosis, indirect immunoperoxidase method more specific than immunofluorescence
- Immunofluorescence**
 Vullo V et al
 1979 Ric Clin e Lab 9 (2 suppl) 81-84 Wm
 Entamoeba histolytica, humans, diagnosis, immunoperoxidase and indirect immunofluorescence tests
- Immunofluorescence**
 Vullo V et al
 1980 Trop and Geogr Med 32 (1) Mar 19-21 Wa
 Schistosoma haematobium, humans, diagnosis, indirect immunoperoxidase test, comparison with indirect immunofluorescence test: Somalia
- Immunofluorescence**
 Walden H; Manuwald O
 1980 Ztschr Arztl Fortbild 74 (7) Apr 1 337-339 Wm
 Toxoplasma gondii, humans, diagnostic survey using the indirect fluorescent antibody test: Suhl district
- Immunofluorescence**
 Walton BC
 1980 Am J Trop Med and Hyg 29 (5 pt 1) Sept 747-752 Wa
 American cutaneous/mucocutaneous leishmaniasis, human, evaluation of effectiveness of chemotherapy by indirect fluorescent antibody test using Leishmania braziliensis panamensis as antigen
- Immunofluorescence**
 Walzer PD; Rutledge ME
 1980 J Infect Dis 142 (3) Sept 449 Wa
 Pneumocystis carinii, serum antibody titers of rat, mouse, and human compared by immunofluorescence, observations support possibility of strain or species differences in this organism
- Immunofluorescence**
 Watre P et al
 1980 Nouv Presse Med 9 (5) Jan 26 305-309 Wm
 Echinococcus granulosus, immunodiagnostic methods used to confirm classical clinical and radiological diagnostic data and to conduct post-therapeutic surveillances, high prevalence of infection in immigrant workers vs native population in France
- Immunofluorescence**
 Weiland G et al
 1980 Berl u Munchen Tierarztl Wchnschr 93 (14) July 15 261-264 Wa
 Babesia divergens, cattle (nat. and exper.), diagnosis, indirect immunofluorescence, enzyme-linked immunosorbent assay, indirect haemagglutination, and intradermal tests using antigens of *B. divergens* and/or *B. rodhaini*
- Immunofluorescence**
 Weiland G; Kratzer I
 1979 Berl u Munchen Tierarztl Wchnschr 92 (20) Oct 15 398-400 Wa
 Babesia canis, B. gibsoni, dogs (exper.), parasitaemia and antibody formation, indirect fluorescent antibody test and enzyme-linked immunosorbent assay using *B. rodhaini* antigens

Immunofluorescence

Welch JS; Dobson C
1981 Tr Roy Soc Trop Med and Hyg 75 (1) 5-14 Wa
parasitic diseases, immunodiagnosis, utility
of in vitro lymphocyte proliferative
responsiveness with particular reference to
sensitivity and specificity using antigens
purified by affinity chromatography,
comparison with 3 immunofluorescence tests

Immunofluorescence

Welch JS; Dobson C; Campbell GR
1980 Tr Roy Soc Trop Med and Hyg 74 (5) 614-623
Wa
Angiostrongylus cantonensis, prevalence in rats
in Queensland; immunodiagnosis, 3 immunofluo-
rescence tests and in vitro lymphocyte blasto-
genesis, specificity and sensitivity in immu-
nized rabbits and naturally infected rats,
levels of responsiveness in 4 Australian popu-
lations in relation to prevalence in rats, use
in clinical diagnosis in 5 human cases of
eosinophilic meningitis

Immunofluorescence

Wolstenholme B; Fripp PJ
1981 Tr Roy Soc Trop Med and Hyg 75 (4) 614-615
Wa
schistosomiasis, human, diagnosis, microscopic
slide preparation of Schistosoma mansoni cer-
cariae for indirect fluorescent antibody test

Immunoglobulins

Ackerman S et al
1981 J Parasitol 67 (5) Oct 737-740 Wa
Dermacentor variabilis, host albumin, trans-
ferrin, and IgG were detectable in hemolymph of
ticks after feeding, IgG retained antibody
activity

Immunoglobulins

Adam C et al
1981 Infect and Immun 31 (2) Feb 530-535 Wa
Plasmodium falciparum, human, presence of cir-
culating immune complexes, IgG-IgM cryoglobu-
linemia, and complement consumption is associ-
ated with cerebral malaria and very rarely with
uncomplicated infection, intensity of immune
response and of associated complement activa-
tion may be important factors in pathogenesis
of cerebral malaria

Immunoglobulins

Adams DB; Merritt GC; Cripps AW
1980 Austral J Exper Biol and Med Sc 58 (2)
Apr 167-177 Wa
Trichostrongylus colubriformis, immune sheep
undergoing challenge infection, intestinal
lymph and local antibody and immunoglobulin
response, failure to transfer passive pro-
tection with either immune serum or immune in-
testinal lymph

Immunoglobulins

Aikat BK et al
1979 Indian J Med Research 70 Oct 583-591 Wa
kala-azar, humans, immunological responses:
Bihar

Immunoglobulins

Akiyama T et al
1981 J Dermat 8 (1) Feb 43-46 Wm
Onchocerca volvulus, increased levels of IgG
and IgE in infected Guatemalan patients, no
differences found in IgA and IgM levels, quan-
titative determinations using laser immuno-
assay or radioimmunosorbent assay

Immunoglobulins

Al-Agidi SK; Roberts DF
1980 Tr Roy Soc Trop Med and Hyg 74 (3) 355-362
Wa
human serum protein levels in Iraq, includes
speculation that high mean IgE levels may be
related to parasite infection

Immunoglobulins

Ali-Khan Z; Siboo R
1981 Exper Parasitol 51 (2) Apr 159-168 Wa
Echinococcus multilocularis, distribution of
antigenic determinants and specific host
immunoglobulins on cyst membranes, possible
significance of bound antibody in complement
activation and antibody-dependent cell-mediated
cytotoxicity of proliferative phase of alveolar
hydatid cyst

Immunoglobulins

Allen PC; Kuttler KL; Amerault TE
1981 Am J Vet Research 42 (2) Feb 326-328 Wa
Anaplasma marginale, cows, comparative serum
protein changes elicited by attenuated and
virulent isolates, fluctuations in immunoglobu-
lins, card test titers and total WBC com-
pared and correlated with parasitemia

Immunoglobulins

Araujo-Fontaine A; Thierry R; Heid E
1977 Ann Dermat et Venereol 104 (3) Mar 203-205
Wm
scabies, humans, IgE elevated in 15 of 100
cases studied

Immunoglobulins

Aryanpour J; Hafizi A; Modabber F
1980 Infect and Immun 27 (3) Mar 1038-1040 Wa
Toxoplasma gondii-infected thymectomized, irra-
diated, and bone marrow-reconstituted (T-
deprived) mice, antibody titers, lack of IgM
suppression by IgG antibody

Immunoglobulins

Auriault C et al
1980 Immunol Letters 2 (3) Dec 135-139 Wa
Schistosoma mansoni, inactivation of rat macro-
phages by peptides resulting from cleavage of
IgG by larval proteases, might represent effi-
cient immunosuppressive mechanism of parasite
to escape host response

Immunoglobulins

Auriault C et al
1981 Cellular Immunol 62 (1) July 15 15-27 Wa
Schistosoma mansoni, interaction between mac-
rophages and schistosomula: role of nonspe-
cific IgG peptides or aggregates on modulation
of beta-glucuronidase release and cytotoxicity
against schistosomula, parasite proteolytic
enzymes responsible for presence of inhibitory
IgG peptides

Immunoglobulins

Auriault C et al
1981 Parasite Immunol 3 (1) Spring 33-44 Wa
Schistosoma mansoni, proteolytic cleavage of
IgG bound to Fc receptor of schistosomula

Immunoglobulins

Aust-Kettis A; Thorstensson R; Sundqvist KG
1981 Scand J Immunol 13 (5) 473-481 Wa
Entamoeba histolytica, fate of antibodies
after binding to cell surface

Immunoglobulins

Baltz T et al
1981 Infect and Immun 32 (3) June 979-984 Wa
Trypanosoma gambiense subchronic disease, subcurative treatment of chronic T. brucei and acute T. equiperdum, mice, immune depression and macroglobulinemia

Immunoglobulins

Bazin H; et al
1980 J Immunol 124 (5) May 2373-2377 Wm
Schistosoma mansoni, rats, effect of neonatal injection of anti- μ antibodies on immunoglobulin levels, on in vitro cytotoxicity assays, on immunity to primary infection, and on immunity to reinfection

Immunoglobulins

Ben-Ismael R et al
1980 Vox Sanguinis 38 (3) Mar 165-168 Wa
fascioliasis, hydatidosis, humans, anti-P₁ allohemagglutinins, automated assay, IgM nature

Immunoglobulins

Blaser K; Nakagawa T; de Weck AL
1981 J Immunol 126 (3) Mar 1180-1184 Wm
suppression of anti-hapten IgE and IgG antibody responses by isologous anti-idiotypic antibodies against purified anti-carrier (ovalbumin) antibodies in BALB/c mice, BPO-Ascaris suum protein extract one of antigens used

Immunoglobulins

Bocanegra TS et al
1981 Ann Int Med 94 (2) Feb 207-209 Wa
Strongyloides stercoralis, Taenia saginata, patients with arthritis, evidence of abnormal humoral immunity to parasites, immune complexes in serum and synovial fluid, and immunoglobulin deposits in synovia, anti-inflammatory agents were ineffective but specific antiparasitic treatment resulted in resolution of symptoms and immunologic abnormalities, findings suggest that arthritis induced by parasitic infestation may be mediated by immune complex formation in susceptible hosts

Immunoglobulins

Boid R et al
1980 Vet Parasitol 6 (4) Mar 333-345 Wa
Trypanosoma evansi, camels (nat. and exper.), serum immunoglobulin levels and electrophoretic patterns of serum proteins

Immunoglobulins

Bout D et al
1980 Parasitology 80 (2) Apr 247-256 Wa
Schistosoma mansoni, mice, humoral immune response, kinetics of classes and sub-classes of both total immunoglobulins and specific antibodies; use of original radio-immunoabsorbent test

Immunoglobulins

Brandt de Oliveira, R; Voltarelli JC; Meneghelli UG
1981 Parasite Immunol 3 (2) Summer 165-169 Wa
Strongyloides stercoralis, patient with hypogammaglobulinaemia but with no abnormality in cell-mediated immunity, severe persistent infection in spite of repeated courses of thiazabendazole therapy, first evidence of relevant role of humoral immune response in human defenses against strongyloidiasis

Immunoglobulins

Brener Z
1980 Advances Parasitol 18 247-292 Wa
Trypanosoma cruzi, human, immunity, extensive review: antigenic constitution; natural immunity; humoral immune response (immunoglobulins); role of antibodies in host resistance; spleen and host resistance; complement; interferon); cell-mediated immune response (tests in vitro; delayed hypersensitivity; CMI and resistance; cytotoxicity mechanisms; macrophages); effects of immunosuppressors in Chagas' disease; immunodepression in course of Chagas' disease; evasion of immune response; auto-immune reactions; vaccination

Immunoglobulins

Breniere S; Viens P
1980 Canad J Microbiol 26 (9) Sept 1090-1095 Wa
Trypanosoma musculi, pattern of infection and antibody production in baby mice, transfer of immunity from mother mice to litter through milk, specific antibody classes involved

Immunoglobulins

Brito E et al
1979 Rev Inst Med Trop S Paulo 21 (3) May-June 119-124 Wm
[Schistosoma] mansoni, patients with and without nephropathy, circulating immune complex levels correlated with type of glomerular lesions, and with glomerular deposits of immunoglobulin, C₃, and fibrin

Immunoglobulins

Brown KN et al
1980 Bull World Health Organ 58 (3) 449-457 Wa
Plasmodium berghei-infected rats, humoral autoimmune responses to developing reticulocytes, significant levels of cold IgM and IgG iso-haemagglutinins detected in serum, infected reticulocytes more sensitive than uninfected cells, results indicate that presence of parasite resulted in exposure of membrane isoantigens normally masked

Immunoglobulins

Brown PJ; Charley-Poulain J; Pery P
1981 Vet Immunol and Immunopath 2 (4) Aug 343-352 Wa
Nippostrongylus brasiliensis, rats, infection and reinfection, production of bile IgA and serum IgG antibodies

Immunoglobulins

Capron A et al
1980 Am J Trop Med and Hyg 29 (5 pt 1) Sept 849-857 Wa
Schistosoma mansoni, rats, evidence for participation of anaphylactic antibodies in antibody-dependent cell-mediated cytotoxicity to schistosomes (IgE-macrophage interaction and IgG2a-eosinophil interaction), immune mechanisms regulating effector cell function, in vivo relevance, review

Immunoglobulins

Capron A et al
1980 Mononuclear Phagocytes Functional Aspects pt 2 1539-1558 Wa
Schistosoma mansoni, antibody-dependent cell-mediated cytotoxic mechanism, cytophilic binding of IgE to rat macrophage, effects of IgE-macrophage interaction on cellular metabolism, specificity of IgE binding site, review

- Immunoglobulins**
 Capron A; Dessaint JP
 1981 Ann Immunol 132C (1) Jan-Feb 3-8 Wa
 IgE, interaction with mast cells, basophils, eosinophils, macrophages, and lymphoid cells, regulatory function, review
- Immunoglobulins**
 Capron A; Dessaint JP; Capron M
 1980 J Allergy and Clin Immunol 66 (2) Aug 91-96 Wa
 Schistosoma mansoni, components of immune response to schistosomes, evidence for role of anaphylactic antibodies in regulation of effector cell function, regulation of immune effector mechanisms, review
- Immunoglobulins**
 Capron A; Dessaint JP; Capron M
 1980 Med Trop 40 (3) May-June 243-249 Wm
 schistosomiasis, effector mechanisms in immunity, role of anaphylactic antibodies, activation of various phagocytic cell populations by immunoglobulin isotypes, general review
- Immunoglobulins**
 Capron M et al
 1981 J Immunol 126 (5) May 1764-1768 Wm
 Schistosoma mansoni, IgE-dependent cytotoxic capacity of rat eosinophils for schistosomes, mast cell products appear to play essential role in significantly increasing eosinophil cytotoxicity
- Immunoglobulins**
 Capron M et al
 1981 J Immunol 126 (6) June 2087-2092 Wm
 Fc receptors for IgE on human and rat eosinophils, proportion of eosinophils bearing these receptors was significantly higher when eosinophils were obtained from hypereosinophilic patients or from Schistosoma mansoni-infected rats, role of these receptors in relation to dual function of eosinophils in antibody-dependent cytotoxicity and in regulation of immediate-type hypersensitivity
- Immunoglobulins**
 Capron M et al
 1981 Nature London (5793) 289 Jan 1-8 71-73 Wa
 Schistosoma mansoni, demonstration that mast cell mediators like ECF-A (eosinophil chemotactic factor of anaphylaxis) tetrapeptides can not only promote eosinophil recruitment but also increase IgG-mediated eosinophil cytotoxicity against Schistosoma targets by enhancing expression of eosinophil IgG Fc receptors
- Immunoglobulins**
 Carme B et al
 1978 Bull Soc Path Exot 71 (6) Nov-Dec 465-471 Wa
 Wuchereria bancrofti var. pacifica, humans with elephantiasis, biological aspects (microfilaremia, eosinophilia, immunoglobulins, specific antibodies in passive agglutination): French Polynesia
- Immunoglobulins**
 Carneiro Leao R; de Toledo Barras MM; Mendes E
 1980 Allergol et Immunopath 8 (1) Jan-Feb 31-34 Wm
 Strongyloides stercoralis, 18 patients with mild or asymptomatic infections, total IgE serum levels determined by the radioimmunosorbent method, 7 had elevated levels
- Immunoglobulins**
 Carosi G et al
 1980 Boll Ist Sieroterap Milanese 59 (1) Mar 31 25-30 Wa
 Toxoplasma gondii, immuno-electron microscopic localization of antigenic sites for specific IgG and IgM on parasite surface, possible practical application
- Immunoglobulins**
 Carswell F et al
 1981 Am J Clin Nutrition 34 (7) July 1292-1299 Wa
 parasitic infections, nutritional status, and globulin titers in 2 populations of school children, parasites, notably malaria, are important determinants of serum antibodies in children in the tropics and mild undernutrition probably has little effect: Tanzania
- Immunoglobulins**
 Chen SS; et al
 1981 J Immunol 127 (1) July 166-173 Wm
 Nippostrongylus brasiliensis, induction of FcR_e⁺ lymphocytes in high IgE responder mice by infection
- Immunoglobulins**
 Cifarelli F et al
 1979 Ann Sclavo 21 (3) May-June 347-353 Wm
 Entamoeba histolytica, determination of intestinal secretory IgA in apparently healthy persons with acute or chronic amoebiasis and in carriers of amoebiasis
- Immunoglobulins**
 Cifarelli F et al
 1980 Ann Sclavo 22 (4) July-Aug 690-693 Wm
 Trichomonas vaginalis and other mixed vaginal infections, women, no evidence of IgA in vaginal secretions
- Immunoglobulins**
 Clarkson AB jr; Mellow GH
 1981 Science (4517) 214 Oct 9 186-188 Wa
 Trypanosoma lewisi, serum of lactating rats that have never been infected contains rheumatoid factor-like IgM which amplifies specific IgG response to parasite and accounts for unusual resistance of previously uninfected lactating rats and their suckling pups, similar rheumatoid factor-like IgM induced late in usual course of infection in nonlactating rats amplifies earlier IgG response and terminates infection, first description of rheumatoid factor (which is classified as autoimmune antibody) acting in protective manner, possible implications for T. cruzi infection
- Immunoglobulins**
 Colli W; Andrews NW; Zingales B
 1981 2 Internat Cong Cell Biol (Berlin (West) Aug 31-Sept 5 1980) 401-410 Wm; Wa
 Trypanosoma cruzi, overall chemical composition of epimastigote plasma membrane, surface glycoproteins, binding of host proteins to surface, attempts to discriminate between adhesion and penetration to in vitro cultured mammalian cells, review
- Immunoglobulins**
 Corsini AC; Vilela MMS; Piedrabuena AE
 1981 Tropenmed u Parasitol 32 (2) June 82-86 Wa
 Trypanosoma cruzi, human, chronic Chagas' disease patients, serum levels of IgM, IgG, IgA, complement, number of circulating T and B lymphocytes, no evidence of immune complexes, unimpaired delayed type hypersensitivity reactions to various antigens, humoral suppression to typhoid vaccine

- Immunoglobulins**
Crane GG
1979 Trop Dis Research Ser (1) 245-258 Wa
tropical splenomegaly syndrome, serology and relationship to malaria, review
- Immunoglobulins**
Crowle PK; Reed ND
1981 Infect and Immun 33 (1) July 54-58 Wa
Nippostrongylus brasiliensis, evaluation of ability of mast cell-deficient W/W^V anemic mice to accumulate mucosal mast cells, produce worm-specific IgE antibody, and reject worms, results indicate that mucosal mast cells are not absolute requirement for rejection
- Immunoglobulins**
Cunningham DS et al
1981 Exper Parasitol 51 (2) Apr 257-268 Wa
Trypanosoma cruzi in relatively resistant vs. highly susceptible strain of mice, antibody response to previously unencountered antigens, autoantibody activity, proposed that *T. cruzi*-associated antigens differentially affect B-cell-responsive and -responding clones, unlikely that nonspecific induction of immunoglobulin synthesis is purely responsible for immunosuppressed condition of both susceptible and resistant mice, immunopotentiating effect of *T. cruzi* demonstrated in 2 ways, possible significance of polyclonal activation in experimental Chagas' disease
- Immunoglobulins**
Cursons RTM; et al
1980 Infect and Immun 29 (2) Aug 401-407 Wa
normal human sera, presence of antibodies (mainly IgG and IgM) to *Acanthamoeba* spp. and *Naegleria* spp., presence of specific neutralizing factor against *Acanthamoeba* spp. but not *Naegleria* spp.; possible role of humoral immunity in defense against pathogenic free-living amoebae: New Zealand
- Immunoglobulins**
D'Alessandro PA; Clarkson AB jr
1980 Exper Parasitol 50 (3) Dec 384-396 Wa
Trypanosoma lewisi, significant reductions in ablastic activity can be achieved through adsorption of immune serum with IgG-negative trypanosomes from immunosuppressed hosts, direct evidence that ablastin is an avid and adsorbable antibody
- Immunoglobulins**
Damian RT et al
1981 Am J Trop Med and Hyg 30 (4) July 836-843 Wa
Schistosoma mansoni, multiply-infected *Papio cynocephalus*, antibody responses, immunoglobulin classes (enzyme-linked immunosorbent assay, slide flocculation, circumoval precipitation, passive cutaneous anaphylaxis, and opsonization tests), immediate hypersensitivity responses (cercarial dermatitis, direct skin testing with adult worm antigen)
- Immunoglobulins**
Demaree RS jr; Hillyer GV
1981 Am J Trop Med and Hyg 30 (2) Mar 402-405 Wa
Schistosoma mansoni, immunoperoxidase localization by electron microscopy of soluble egg antigen and human IgG in circumoval precipitin reactions around eggs
- Immunoglobulins**
Desjeux P et al
1980 Am J Trop Med and Hyg 29 (2) Mar 195-198 Wa
cutaneous and mucocutaneous leishmaniasis, human, investigation of circulating immune complexes (CIC), anti-IgG, anti-DNA, and anti-collagen autoantibodies, data suggest association between development of espondia (*Leishmania b. braziliensis*) and appearance of CIC and anti-IgG antibodies
- Immunoglobulins**
Desowitz RS; Rudoy R; Barnwell JW
1981 Internat Arch Allergy and Applied Immunol 65 (4) 361-366 Wa
asthmatic and nonasthmatic children, prevalence of IgE and IgG antibodies to *Toxocara canis* and *Dirofilaria immitis*: Oahu, Hawaii
- Immunoglobulins**
Dessein AJ et al
1981 J Exper Med 153 (2) Feb 1 423-436 Wa
Trichinella spiralis, rats, selective suppression of IgE antibody response diminishes resistance and eosinophil response to infection
- Immunoglobulins**
Dissanayake S; de Silva LVK; Ismail MM
1980 Tr Roy Soc Trop Med and Hyg 74 (4) 542-544 Wa
Wuchereria bancrofti, human, antifilarial antibody in maternal and umbilical cord blood determined by indirect immunofluorescence, enzyme-linked immunosorbent assay, and radioimmunoassay, antibodies were predominantly of IgG type presumably passively transferred from mother, specific IgM antibody detected in some cord blood samples probably in response to transplacental transfer of filarial antigens: Sri Lanka
- Immunoglobulins**
Doy TG; Hughes DL; Harness E
1981 Research Vet Sc 30 (3) May 357-359 Wa
Fasciola hepatica, rats, hypersensitivity, lack of correlation between serum reaginic antibody levels and rejection of flukes
- Immunoglobulins**
Duermeyer W et al
1980 J Clin Microbiol 12 (6) Dec 805-806 Wa
Toxoplasma gondii, enzyme-linked immunosorbent assay for detection of IgM antibodies
- Immunoglobulins**
Duffus WPH; Franks D
1981 Parasitology 82 (1) Feb 1-10 Wa
Fasciola hepatica, interaction in vitro between juvenile flukes and bovine immunoglobulins directed against fluke outer glycocalyx, indirect fluorescent antibody assay
- Immunoglobulins**
Facer CA
1980 Clin and Exper Immunol 39 (2) Feb 279-288 Wm
Plasmodium falciparum, Gambian children, association between direct Coombs antiglobulin positivity and malaria, antigen specificity of erythrocyte-bound IgG, mechanism of erythrocyte sensitization, results add to and confirm major role of immune complex formation in immunopathology of falciparum malaria

- Immunoglobulins**
Facer CA
1980 Clin and Exper Immunol 41 (1) July 81-90
Wa
Plasmodium falciparum, Gambian children, direct antiglobulin reactions, IgG subclass and Gm allotype distribution of red cell-bound IgG molecules, association with anemia
- Immunoglobulins**
Falk ES
1981 Allergy 36 (3) Apr 167-174 Wm
scabies, humans, changes in serum IgE before and after treatment, findings confirm observations of specific immunological hypersensitivity to scabies mite, and that scabies infection stimulates production of IgE antibodies
- Immunoglobulins**
Falk ES; Bolle R
1980 Brit J Dermat 103 (3) Sept 283-288 Wa
Sarcoptes scabiei, humans, positive radioallergosorbent test to Dermatophagoides pteronyssinus, elevated serum IgE concentrations, atopic disease
- Immunoglobulins**
Fayez MA et al
1978 J Egypt Med Ass 61 (7-8) 463-470 Wm
schistosomiasis, humans with hepatic bilharzial cirrhosis, increased levels of serum antibody titers to Escherichia coli in persons who had port-caval shunt surgery, supports hypothesis that immunoglobulins increase after establishment of surgical shunt in patients with cirrhosis
- Immunoglobulins**
Felgner P et al
1981 Tropenmed u Parasitol 32 (3) Sept 134-140
Wa
Trypanosoma brucei gambiense, human, prevalence by age and sex, parasitological examination (hematocrit centrifugation technique, subinoculation into Mastomys natalensis, miniature anion exchange centrifugation method), immunodiagnostic examination (enzyme-linked immunosorbent assay, indirect immunofluorescent test, radial immunodiffusion for IgM concentrations): Ivory Coast; Upper Volta
- Immunoglobulins**
Filice G et al
1981 Boll Ist Sieroterap Milanese 59 (6) 604-611
Wa
Toxoplasma gondii, mice experimentally infected with cystogenic strain, kinetics of IgM and IgG antibodies, dye test, indirect immunofluorescence test, indirect haemagglutination test, comparison with results of mouse inoculation tests
- Immunoglobulins**
Filice GA; Yeager AS; Remington JS
1980 J Clin Microbiol 12 (3) Sept 336-342 Wa
Toxoplasma gondii, patients with acquired toxoplasmosis, infants with congenital toxoplasmosis, diagnostic significance of IgM antibodies detected after separation of IgM from IgG antibodies, IgM-IFA test
- Immunoglobulins**
Flisser A; Woodhouse E; Larralde C
1980 Clin and Exper Immunol 39 (1) Jan 27-37 Wa
Cysticercus cellulosae, human, evaluation of immunoelectrophoresis as diagnostic tool (about 50% non-responders), cysticercus antigens recognized by man, human immunoglobulins among anti-cysticercus antibodies
- Immunoglobulins**
Foca A; De Rosa M
1979 Quad Sclavo Diag Clin e Lab 15 (2) June 189-195 Wm
determination of umbilical cord blood Ig and its correlation with prenatal infections, human, includes Toxoplasma gondii
- Immunoglobulins**
Foris G et al
1981 Internat Arch Allergy and Applied Immunol 65 (2) 138-143 Wm
fixation of particulate antigens by macrophages is influenced by (1) Fc receptor activity which is controlled by cytoskeletal structure, (2) (sub)classes of antibody involved, and (3) nature and properties of antigen (living Trypanosoma equiperdum one of antigens used)
- Immunoglobulins**
Franco EL et al
1980 J Clin Microbiol 12 (6) Dec 780-784 Wa
Toxoplasma gondii IgG and IgM polar staining in indirect immunofluorescence test, prevalence of positive reactions in sera of patients with Trypanosoma cruzi, Leishmania donovani, and L. braziliensis
- Immunoglobulins**
Franco EL; Walls KW; Sulzer AJ
1981 J Clin Microbiol 13 (5) May 859-864 Wa
Toxoplasma gondii, human, serodiagnosis, reverse enzyme immunoassay for detection of specific IgM antibodies
- Immunoglobulins**
Galatiuc C et al
1981 Develop and Comp Immunol 5 (2) Spring 205-215 Wa
Entamoeba histolytica, specific binding of IgG to FcR-like receptor on cell membrane
- Immunoglobulins**
Gallo D et al
1981 J Clin Microbiol 13 (4) Apr 631-636 Wm
multiple-antigen slide test for detection of IgM antibodies in newborn and infant sera by immunofluorescence, antigens are agents implicated in congenital and neonatal disease including Toxoplasma gondii
- Immunoglobulins**
Gannon J
1980 Lab Animals 14 (3) July 189-192 Wa
Encephalitozoon cuniculi, course of infection in immunodeficient vs. immunocompetent mice, IgG and IgM antibody response, histopathology
- Immunoglobulins**
Ghose AC et al
1980 Clin and Exper Immunol 40 (2) May 318-326
Wa
Leishmania donovani, 49 active kala-azar patients, IgA, IgG, IgM, and C3 levels, anti-leishmanial titres in indirect haemagglutination method, IgG and IgM class-specific antibody titres in enzyme-linked immunosorbent assay method, serodiagnostic potential of ELISA
- Immunoglobulins**
Goichot EL; Bloch-Michel E
1980 J Franc Ophthal 3 (1) 21-25 Wm
toxoplasmosis, human ocular, diagnostic value of quantitative serological tests of the aqueous humor, various tests compared

Immunoglobulins

Goodger BV; Wright IG; Mahoney DF
1981 Austral J Exper Biol and Med Sc 59 (5) Oct 521-529 Wa

Babesia bovis, cattle, time of appearance and nature of immune complexes, complexes did not appear to have much pathological significance

Immunoglobulins

Greene BM; Taylor HR; Aikawa M
1981 J Immunol 127 (4) Oct 1611-1618 Wm
Onchocerca volvulus, eosinophil- and neutrophil-mediated immune serum-dependent destruction of microfilariae, IgG identified as antibody class binding to microfilariae, enhancement of killing in presence of fresh serum source in mechanism that appears to be dependent on activation of complement by alternative pathway

Immunoglobulins

Greenwood BM; Fakunle YM
1979 Trop Dis Research Ser (1) 229-244 Wa
tropical splenomegaly syndrome, diagnostic criteria, clinical features, treatment, pathogenesis (hypothesis involving abnormal immune response to malaria which results in excessive IgM production and formation of large molecular weight immune complexes), review

Immunoglobulins

Guimaraes RX et al
1979 Arq Gastroenterol S Paulo 16 (1) Jan-Mar 3-7 Wm
[*Schistosoma*] *mansoni*, patients with hepatointestinal form vs. hepatosplenic form, abnormalities in IgA, IgG, IgM

Immunoglobulins

Gupta JP et al
1979 Acta Gastroenter Belg 42 (3-4) Mar-Apr 142-149 Wm
Giardia lamblia, adults, jejunal pathology, physiological and immunoglobulin changes associated with infection: India

Immunoglobulins

Gupta JP et al
1980 Asian Med J 23 (9) Sept 636-640 Wm
Giardia lamblia, patients with symptomatic infections, immunoglobulin levels elevated before and after therapy when compared with uninfected persons, levels showed no significant correlations with jejunal mucosal alterations, malabsorption, or duration of symptoms: India

Immunoglobulins

Gusmao RA; Stanley AM; Ottesen EA
1981 Exper Parasitol 52 (1) Aug 147-159 Wa
Brugia pahangi, inbred Lewis rats, cellular and humoral immune responses (blood leukocyte levels, antifilarial IgG and IgE antibody production, specific lymphocyte responses to mitogens and filarial antigens), findings suggest that development of specific IgE antibodies plays role in differential susceptibility to infection in these rats

Immunoglobulins

Haiba MH; Iskander AR
1979 Vet Med J Giza 26 (26) 1978 171-176 Issued Aug 8 Wa
Ascaridia columbae and *Cotugnia polyacantha*-infected and uninfected *Columba livia* schimperi, serum protein patterns (total proteins, albumin, and alpha, beta and gamma globulins)

Immunoglobulins

Haig DM; Lima GC; Mota I
1980 Parasite Immunol 2 (3) Autumn 175-187 Wa
Nippostrongylus brasiliensis, mice, suppression of anti-DNP IgE, IgG1, and agglutinating antibodies provided that immunization with DNP-Asc takes place within few days after infection

Immunoglobulins

Haldar JP; Saha KC; Ghose AC
1981 Tr Roy Soc Trop Med and Hyg 75 (4) 514-517 Wa
Leishmania donovani, human, post kala-azar dermal leishmaniasis, serum immunoglobulin and C3 levels, specific antibody titres in indirect haemagglutination and enzyme-linked immunosorbent assay methods, overall difference compared to serological profile of kala-azar patients: India

Immunoglobulins

Hamilton RG et al
1981 J Immunol Methods 44 (1) July 17 101-114 Wm
filariasis patients from endemic *Wuchereria bancrofti* areas, quantitation of filaria-specific IgG and IgE in sera, evaluation of solid-phase radioimmunoassay and enzyme-linked immunosorbent assay methodology using *Brugia malayi* as antigen

Immunoglobulins

Handman E; Remington JS
1980 Immunology 40 (4) Aug 579-588 Wa
Toxoplasma gondii, serological and immunochemical characterization of monoclonal antibodies against membrane or cytoplasmic antigens of tachyzoites

Immunoglobulins

Handman E; Remington JS
1980 Infect and Immun 29 (1) July 215-220 Wa
Toxoplasma gondii, mice infected with strains of different virulence, sequence of antibody response to parasite surface antigens

Immunoglobulins

Hanna REB
1980 Exper Parasitol 50 (1) Aug 103-114 Wa
Fasciola hepatica, juvenile flukes acquired continuous layer of host IgG over surface during incubation with antiserum, but actively sloughed this layer and replaced the former glycocalyx when transferred to medium lacking antiserum; possible mechanism for protection against host immunity

Immunoglobulins

Haque A et al
1980 Clin and Exper Immunol 40 (3) June 487-495 Wa
Dipetalonema viteae, IgE antibody-mediated adherence and cytotoxicity of rat macrophages against microfilariae in vitro

Immunoglobulins

Haque A et al
1981 J Immunol 127 (2) Aug 716-725 Wm
Dipetalonema viteae, IgE antibody in eosinophil- and macrophage-mediated in vitro killing of microfilariae

Immunoglobulins

Harmsen AG; Jeska EL
1980 J Reticuloendothel Soc 27 (6) June 631-637
Wa
Toxoplasma gondii-infected swine vs. normal swine or Freund's complete adjuvant-injected swine, presence of IgM, IgG, and complement receptors on alveolar macrophages and their role in phagocytosis

Immunoglobulins

Hillyer GV; Rivera Marrero C
1980 Am J Trop Med and Hyg 29 (6) Nov 1249-1253
Wa
Schistosoma mansoni, development of antiserum reactive with eggs by circumoval precipitin (COP) test, antigens and immunoglobulins involved in COP reaction

Immunoglobulins

Hirashima M; Yodoi J; Ishizaka K
1980 J Immunol 125 (4) Oct 1442-1448 Wm
Nippostrongylus brasiliensis, rats, regulatory role of IgE-binding factors from rat T lymphocytes, IgE-specific suppressive factor with IgE-binding activity

Immunoglobulins

Hirashima M; Yodoi J; Ishizaka K
1980 J Immunol 125 (5) Nov 2154-2160 Wm
Nippostrongylus brasiliensis, rats, regulatory role of IgE-binding factors from rat T lymphocytes, formation of IgE-binding factors in rats treated with complete Freund's adjuvant

Immunoglobulins

Hoefling KK; Schroeter AL
1980 J Am Acad Dermatol 3 (3) Sept 237-240 Wm
Sarcoptes scabiei, humans, direct immunofluorescence of scabies lesions revealed IgM, IgA, C₃, and fibrin in cornified layer of epidermis, dermoepidermal junction, and papillary dermal vessels, findings support a humoral immune response secondary to scabetic infestation

Immunoglobulins

Hoshika K et al
1980 Nippon Shokakibyō Gakkai Zasshi (Japan J Gastroenterol) 77 (3) Mar 368-376 Wm
Giardia lamblia in patient with reduced secretory immunoglobulin A in duodenal aspirate, pathology of parasite-induced malabsorption, flagyl therapy ineffective

Immunoglobulins

Howard RJ; Chapman CB; Mitchell GF
1980 Austral J Exper Biol and Med Sc 58 (2) Apr 201-205 Wa
Fasciola hepatica larvae, immunoglobulins are present at surface of living parasites obtained from intact, but not from nude, mice

Immunoglobulins

Hughes DL; Hanna REB; Symonds HW
1981 Exper Parasitol 52 (2) Oct 271-279 Wa
Fasciola hepatica, IgG and IgA levels in serum and bile of cattle throughout 20-week period of infection

Immunoglobulins

Hunter KW; et al
1980 J Immunol 125 (1) July 169-174 Wm
Plasmodium yoelii, mice, analysis of (parasitized and nonparasitized) erythrocyte surface-bound immunoglobulin by flow microfluorimetry, could contribute to development of anemia

Immunoglobulins

Hussain R et al
1981 J Immunol 127 (4) Oct 1623-1629 Wm
Wuchereria bancrofti, patients with various clinical forms of filariasis, quantitation of filaria-specific IgE using solid phase radioimmunoassay with Brugia malayi as antigen

Immunoglobulins

Ibeziako PA; Williams AIO
1980 Brit J Obst and Gynaec 87 (11) Nov 976-982 Wm
pregnant Nigerian women on malarial chemoprophylaxis, immunoglobulin levels and malarial fluorescent antibody titres at various stages of gestation and in paired maternal and cord sera at time of delivery, concluded that newborn of mothers on prolonged malarial chemoprophylaxis may have lowered acquired immunity to malaria

Immunoglobulins

Ikeda T; Fujita K
1980 J Parasitol 66 (2) Apr 197-204 Wa
Paragonimus ohirai, rats, relationship between IgE titer, migration route, and parasite age, indirect hemagglutinating antibody response not influenced by same variables

Immunoglobulins

Incani RN; McLaren DJ
1981 Parasite Immunol 3 (2) Summer 107-126 Wa
Schistosoma mansoni, neutrophil-mediated cytotoxicity to schistosomula in vitro, kinetics of complement and/or antibody (IgG)-dependent adherence and killing

Immunoglobulins

Ishizaka K et al
1981 Fed Proc 40 (8) June 2162-2166 Wm
Nippostrongylus brasiliensis, rats, regulation of IgE response by IgE binding factors, review

Immunoglobulins

Iskander AR
1979 Vet Med J Giza 26 (26) 1978 297-304 Issued Aug 8 Wa
Trichinella spiralis-infected and uninfected rats, serum protein patterns (total proteins, albumin, and alpha, beta and gamma globulins)

Immunoglobulins

Iskander R; Das PK; Aalberse RC
1981 Internat Arch Allergy and Applied Immunol 66 (2) 200-207 Wa
Schistosoma mansoni and/or S. haematobium, humans, recent vs. chronic infections, serum immunoglobulin levels (IgA, IgM, IgE, IgG, IgG subclasses), specific IgE, IgG, and IgG4 antibody levels to S. mansoni antigens, concluded that assay of IgG4 antibodies to adult worm antigen and soluble egg antigen provides useful information not obtainable by determination of total IgG or IgE antibodies

Immunoglobulins

Ismail AM et al
1976 Ain Shams Med J 27 (1) Jan 57-60 Wm
hepatic schistosomiasis with enlargement of spleen, humans, change in immunoglobulins after splenectomy suggests possible immunological role of spleen in hepatic fibrotic infections

Immunoglobulins

Itaya T et al
1980 Internat Arch Allergy and Applied Immunol
62 (4) 389-396 Wm
suppressive effects of various adjuvants on IgE
antibody response of mice when given at certain
times before immunization, DNP-Ascaris used as
antigen

Immunoglobulins

Jacqueline E et al
1981 Ann Parasitol 56 (4) 395-400 Wa
Trichinella spiralis, rats (exper.) with bili-
ary secretion diverted from choledoch duct to
bladder, increased number of adult worms, in-
creased production of larvae by females, in-
creased length of females, increased number of
muscular larvae; in vitro inhibition of larvae
production by secretory IgA (SIgA) from bile,
more inhibition by immune SIgA than control
SIgA

Immunoglobulins

Jarrett E; Mackenzie S; Bennich H
1980 Nature London (5744) 283 Jan 17 302-304 Wm
Nippostrongylus brasiliensis, egg-albumin-
hypersensitive rats, parasite-induced 'non-
specific' IgE does not protect against allergic
reactions

Immunoglobulins

Johnson AM et al
1981 Austral J Exper Biol and Med Sc 59 (3) June
303-306 Wa
Toxoplasma gondii, hybridomas secreting
monoclonal antibody, immunoglobulin subclasses
(IgG1, IgG2a, IgG3) and reactivity in indirect
haemagglutination antibody test and indirect
immunofluorescence antibody test

Immunoglobulins

Johnson P et al
1981 Parasite Immunol 3 (1) Spring 69-80 Wa
Brugia pahangi, serum-mediated adherence of
feline eosinophils and neutrophils to
microfilariae in vitro, involvement of IgG and
complement, effect of age or origin of
microfilariae

Immunoglobulins

Kaliraj P et al
1981 J Helminth 55 (2) June 133-139 Wa
Wuchereria bancrofti, utility of human filarial
serum immunoglobulin in detecting circulating
antigen in filarial sera studied by counter im-
muno-electrophoresis and indirect haemagglutina-
tion test

Immunoglobulins

Kaplan JE; Larrick JW; Yost JA
1980 Am J Trop Med and Hyg 29 (5 pt 1) Sept
1012-1017 Wa
Waorani Indians of Eastern Ecuador have highest
blood levels of IgE that have been recorded in
a human population, reason unclear but genetic
factors and high prevalence of parasitic infec-
tion may be involved

Immunoglobulins

Katz DH
1980 Immunology 41 (1) Sept 1-24 Wa
recent studies on regulation of IgE antibody
synthesis in experimental animals and man, re-
view including effects of parasitic infestation
on IgE antibody system

Immunoglobulins

Kazura JW
1981 J Infect Dis 143 (5) May 712-718 Wa
Trichinella spiralis, in vitro study of capaci-
ty of human leukocytes in presence of serum
from infected individuals and complement to
destroy newborn larvae, results show that host
defense is in part mediated by granulocytes and
dependent on presence of IgG antibodies direct-
ed against migratory parasitic stage

Immunoglobulins

Kemp WM; et al
1980 J Immunol 124 (2) Feb 806-811 Wm
Schistosoma mansoni, induced shedding of tegu-
ment-associated host immunoglobulins, results
show parasite is capable of induced tegument-
associated antigen turnover that is both rapid
and selective

Immunoglobulins

Khoury PB et al
1981 Cellular Immunol 59 (2) Apr 233-245 Wa
Schistosoma mansoni, mice, cellular responses
against cercarial immunogens in regional drain-
ing lymph nodes and spleen: kinetics and char-
acterization of T- and B-rosette forming cells,
kinetics and characterization of maturational
stages of B lymphocyte populations (capacity to
form rosette forming cells, rosette-antibody
forming cells, plaque forming cells, immuno-
globulin classes)

Immunoglobulins

Khoury PB; Phillips SM
1981 Cellular Immunol 59 (2) Apr 246-255 Wa
Schistosoma mansoni, mice, cellular responses
against egg immunogens in regional draining
lymph nodes and spleen: kinetics and charac-
terization of T- and B-rosette forming cells,
kinetics and characterization of B-cell sub-
populations (capacity to form rosette forming
cells, rosette-antibody forming cells, plaque
forming cells, immunoglobulin classes)

Immunoglobulins

Khoury PB; Phillips SM
1981 Am J Trop Med and Hyg 30 (2) Mar 394-401
Wa
Schistosoma mansoni, mice, cellular responses
of lymphoid organs that drain pulmonary and
hepatic phases of primary infection and also
cellular responses of spleen: kinetics and
characterization of T and B rosette forming
cells, kinetics and characterization of B cell
subpopulations (capacity to form rosette form-
ing cells, rosette-antibody forming cells, and
plaque forming cells; nature of surface and/or
secreted immunoglobulins), these local immune
responses seem to occupy significant role in
mediation of protective immunity and host mor-
bidity

Immunoglobulins

Knight R et al
1979 Ann Trop Med and Parasitol 73 (6) Dec 563-
576 Wa
Wuchereria bancrofti, human, clinical findings,
microfilaria counts, filarial serology, and
filarial skin tests for different age groups
and each sex; prevalence of non-filarial para-
sites, various serological parameters, mean
IgE levels, and mean eosinophil counts in dif-
ferent age groups: Middle Fly River region,
Western Papua New Guinea

Immunoglobulins

Knight R; Merrett TG
1981 Ann Trop Med and Parasitol 75 (3) June
299-314 Wa
Necator americanus, human, prevalence and intensity by age and sex, seasonal changes, morbidity (asthma, growth parameters, haemoglobin), total IgE levels, other parasites: The Gambia

Immunoglobulins

Kobiler D; Mirelman D
1981 J Infect Dis 144 (6) Dec 539-546 Wa
Entamoeba histolytica trophozoites, adhesion to monolayers of host cells is dependent on time, temperature, pH, and concentration and is mediated by carbohydrate binding protein (lectin) in the parasite membrane, adhesion is inhibited by such mechanisms as glucosamine-containing glycoconjugates, IgA, sera from patients with amoebiasis and IgG fraction from these sera

Immunoglobulins

Kojima S; Kamijo T; Ovary Z
1980 Cellular Immunol 50 (2) Mar 15 327-339 Wm
Nippostrongylus brasiliensis, nonspecific enhancement of mouse antihapten IgE antibody response, involvement of T-cell subpopulation and its product for the potentiation

Immunoglobulins

Labro-Bryskier MT et al
1981 Ann Biol Clin 39 (4) 175-180 Wa
toxoplasmosis, human, diagnosis, effect of presence of rheumatoid factors on results for determination of antitoxoplasm IgM antibodies by immunofluorescence and agglutination techniques

Immunoglobulins

Lambert PH; Berney M; Kazyumba G
1981 J Clin Invest 67 (1) Jan 77-85 Wa
Trypanosoma brucei gambiense, humans, circulating immune complexes (IC) and C3, circulating IC in relation to polyclonal B cell activation, rheumatoid factor, and anti-trypanosome antibodies, IC in cerebrospinal fluid (CSF), origin of CSF immunoglobulins and CSF IC

Immunoglobulins

Lindsley HB et al
1980 Am J Trop Med and Hyg 29 (3) May 348-357 Wa
Trypanosoma rhodesiense in 5 strains of inbred rats, variable severity of glomerulonephritis, correlation with immunoglobulin class-specific antibody responses to trypanosomal antigens and total IgM levels, circulating immune complexes

Immunoglobulins

Lindsley HB et al
1981 Infect and Immun 33 (2) Aug 407-414 Wa
Trypanosoma rhodesiense, rabbits, detection and composition of immune complexes (trypanosomal antigens, IgG, IgM, C3), serum IgM and IgG antibodies to trypanosomes, total IgM and IgG

Immunoglobulins

Li Volti S; Fischer A; Musumeci S
1980 Acta Trop 37 (4) Dec 351-365 Wa
Leishmania donovani, kala-azar patients aged 6 months to 12 years, hematological and serological alterations

Immunoglobulins

Long GW et al
1980 Am J Trop Med and Hyg 29 (6) Nov 1241-1245 Wa
Schistosoma japonicum, humans, mice, analysis of immunoglobulins responsible for circumoval precipitation reaction, results suggest that antibody class alone is not responsible for differences between 2 morphologically distinct types of this reaction

Immunoglobulins

Lopez AF; Strath M; Sanderson CJ
1981 Immunology 43 (4) Aug 779-786 Wa
IgG and complement receptors on purified mouse eosinophils and neutrophils (Mesocestoides corti superior to Trichinella spiralis and Taenia crassiceps in inducing large numbers of eosinophils in mouse peritoneal cavity)

Immunoglobulins

Lowenthal MN et al
1980 Tr Roy Soc Trop Med and Hyg 74 (1) 99-103 Wa
Schistosoma mansoni, human, elevated IgG of value in differentiating schistosomal splenomegaly from other tropical splenomegaly: Northern Zambia

Immunoglobulins

Lunde MN; Ottesen EA
1980 Am J Trop Med and Hyg 29 (1) Jan 82-85 Wa
Schistosoma mansoni, humans, acute or chronic infections, enzyme-linked immunosorbent assay used to detect IgG, IgM, and IgE antibodies

Immunoglobulins

Lurhuma AZ et al
1978 Ann Soc Belge Med Trop 58 (4) Dec 301-307 Wa
Trypanosoma brucei gambiense, humans, cryoglobulinaemia associated with soluble antigens and fluorescent antitrypanosome antibodies in infected human cases, possible significance in diagnosis

Immunoglobulins

de Macedo MS; Mota I
1980 Immunology 40 (4) Aug 701-708 Wa
antigenic competition in IgE antibody production, establishment of parameters involved in primary and secondary responses, Ascaris suum and DNP-Asc among antigens used

Immunoglobulins

McGreevy PB et al
1980 Am J Trop Med and Hyg 29 (4) July 553-562 Wa
Brugia malayi, natives living in endemic area, indirect fluorescent antibody technique used to determine class of anti-sheath immunoglobulins and prevalence and titer of each class in different age groups, anti-sheath antibodies related to amicrofilaremia but not to filarial disease: South Kalimantan, Borneo

Immunoglobulins

McMyne PS; Strejan GH
1980 Cellular Immunol 54 (1) Aug 15 140-154 Wm
suitability of lymphotoxin assay as in vitro correlate of cell-mediated immunity to hapten-carrier conjugate known to stimulate high IgE antibody response (DNP-Ascaris)

Immunoglobulins

McMyne PS; Strejan GH

1981 Cellular Immunol 58 (2) Mar 1 312-322 Wm
evolution of delayed hypersensitivity, lympho-
toxin, IgE, and IgG antibody production in rats
following primary and secondary immunizations
with DNP-Ascaris conjugates and different ad-
juvants

Immunoglobulins

Maddison SE et al

1981 Am J Trop Med and Hyg 30 (3) May 609-615 Wa
Schistosoma mansoni, B-cell-deficient mice
acquired as high a level of resistance to
challenge infection as did intact control mice
but had markedly suppressed IgM and IgG levels

Immunoglobulins

Marini C et al

1979 Gior Batteriol Virol ed Immunol 72 (1-6)
Jan-June 160-168 Wm

Toxoplasma gondii, sera from parturient pa-
tients, diagnosis, simultaneous screening of
sera by direct agglutination and by immuno-
chemical turbidimetric determination for anti-
bodies and immunoglobulins respectively, useful
in assesment of active infections

Immunoglobulins

Martinez-Cairo C, S et al

1979 Arch Invest Med 10 (3) 121-126 Wm

Entamoeba histolytica, children, serum anti-
bodies, coproantibodies, immunoglobulin classes
in fecal material

Immunoglobulins

Masake RA; Morrison WI

1981 Am J Vet Research 42 (10) Oct 1738-1746 Wa
Trypanosoma vivax-infected Boran cattle (ex-
per.), spleen and lymph nodes, gross and histo-
pathologic changes, membrane and intracytoplas-
mic immunoglobulin, deposits of immunoglobulin,
in vitro proliferative response to mitogens of
cells obtained from these organs, plasma immu-
noglobulin concentrations, evidence for exis-
tence of intact orderly immune response, re-
sults question relative importance of immuno-
depression in bovine trypanosomiasis

Immunoglobulins

Mattern P et al

1980 Infect and Immun 28 (3) June 812-817 Wm
Trypanosoma equiperdum, T. gambiense, rabbits,
anti-immunoglobulins, heterophil agglutinins,
influence of therapy

Immunoglobulins

Mazingue C et al

1980 Internat Arch Allergy and Applied Immunol
63 (2) 178-189 Wa

Schistosoma mansoni, in vitro and in vivo in-
hibition of mast cell degranulation by factor
obtained from parasite, this factor also in-
hibited IgG2a antibody-dependent eosinophil
cytotoxicity against schistosomula, could
partly explain low incidence of clinical
allergic manifestations observed in parasitic
diseases and might represent escape mechanism
of parasite to antibody-dependent eosinophil
cytotoxicity mechanism

Immunoglobulins

Mehta K et al

1980 Clin and Exper Immunol 41 (1) July 107-114
Wa

Litomosoides carinii, IgE-dependent adherence
and cytotoxicity of rat spleen and peritoneal
cells to microfilariae, complement may play
part in reactions, EDTA, EGTA, and diethylcar-
bamazine inhibited adherence

Immunoglobulins

Miremad-Gassmann M

1981 Acta Trop 38 (2) June 137-147 Wa

Moniliformis moniliformis, antigenic analysis
of metabolic and somatic antigens, localization
of antigens, IgG antibody response in primary
infections and reinfections in Rattus norvegicus,
modification of antigens during infection,
worm expulsion (after 4 weeks in female hosts
and 8 weeks in male hosts), resistance to re-
infection

Immunoglobulins

Mitchell GF; Rajasekariah GR; Rickard MD

1980 Immunology 39 (4) Apr 481-489 Wa

Taenia taeniaeformis, proposed mechanism of
immunologically-mediated genetically-based
mouse strain variation in resistance; evidence
that both IgG1 and IgG2 fractions of 'immune
serum' are required for full expression of
passive protection of nude mice

Immunoglobulins

Mukerji K et al

1981 J Biosc 3 (1) Mar 77-82 Wa

Ascaris lumbricoides, guinea pigs,
immunization, immediate hypersensitivity
following challenge, characterization of
cytotoxic antibodies, skin tests in Ascaris-
positive human subjects, concluded that guinea
pig is suitable model for testing human
Ascaris allergens

Immunoglobulins

Murrell KD

1981 J Parasitol 67 (2) Apr 167-173 Wa

Strongyloides ratti, rats, protective role of
IgG

Immunoglobulins

Musallam R et al

1980 Immunology 40 (3) July 343-352 Wa

Schistosoma mansoni, serum protein concentra-
tions during infection in intact and T-cell
deprived mice, IgG and antibodies specific for
heterologous erythrocytes

Immunoglobulins

Musoke AJ et al

1981 Parasite Immunol 3 (2) Summer 97-106 Wa

Trypanosoma brucei, cattle, specific antibod-
ies to variable surface glycoproteins, results
suggest that polyclonal B cell stimulation
leading to dysfunction in control of IgM and
IgG production may not be responsible for high
levels of these immunoglobulins in bovine try-
panosomiasis

Immunoglobulins

Musumeci S et al

1981 Tr Roy Soc Trop Med and Hyg 75 (2) 304-305
Wa

visceral leishmaniasis, children, haematological
data (including immunoglobulin levels), lympho-
cyte subpopulations, K cell activity

Immunoglobulins

Naot Y; Barnett EV; Remington JS
1981 J Clin Microbiol 14 (1) July 73-78 Wm
Toxoplasma gondii, human, diagnosis, method for avoiding false-positive results occurring in IgM enzyme-linked immunosorbent assays due to presence of both rheumatoid factor and antinuclear antibodies

Immunoglobulins

Naot Y; Remington JS
1981 J Immunol Methods 43 (3) June 30 333-341 Wm
Toxoplasma gondii, use of enzyme-linked immunosorbent assays (IgM and IgG sandwich ELISA and IgM and IgG double sandwich ELISA) for detection of monoclonal antibodies to various T. gondii antigens

Immunoglobulins

Nawa Y et al
1981 Immunology 44 (1) Sept 119-123 Wa
Nippostrongylus brasiliensis, rats, adoptive transfer of total and parasite-specific IgE responses with immune thoracic duct lymphocytes

Immunoglobulins

Neilson JTM; Crandall CA; Crandall RB
1981 Acta Trop 38 (3) Sept 309-318 Wa
Dipetalonema viteae-infected hamsters (3 strains differing in susceptibility), serum immunoglobulin and antibody levels, passive transfer of resistance with serum or cells

Immunoglobulins

Norby SWC; Alger NE
1981 Exper Parasitol 51 (1) Feb 104-115 Wa
Plasmodium berghei in in vitro spleen cultures containing various combinations of T lymphocytes, B lymphocytes, and macrophages, primary and secondary immune responses, IgG and IgM titers

Immunoglobulins

Nuti M et al
1979 Tropenmed u Parasitol 30 (3) Sept 383-386 Wa
Schistosoma haematobium, humans, abnormally high serum IgE levels: Coriolei area, south of Mogadishu, Somalia

Immunoglobulins

O'Donnell IJ et al
1980 Austral J Biol Sc 33 (1) Mar 27-34 Wa
Lucilia cuprina, fly-struck sheep, serum IgG antibodies to larval antigens in solid-phase radioimmunoassay, more severe myiasis in previously struck vs. unstruck sheep when subjected to standard larval challenge, immunosuppressive therapy reduces extent of myiasis

Immunoglobulins

O'Donnell IJ; Mitchell GF
1980 Internat Arch Allergy and Applied Immunol 61 (2) 213-219 Wa
Ascaris lumbricoides (var. suum), investigation of antigens using radioimmunoassay and sera of naturally infected humans with particular emphasis on antigens which induce and bind IgG antibodies

Immunoglobulins

Olobo JO et al
1980 Austral J Exper Biol and Med Sc 58 (6) Dec 595-601 Wa
Leishmania tropica in mice of susceptible and resistant genotypes, course of infection, antibody responses, immunoglobulin isotype analysis of sera

Immunoglobulins

Olveda RM; Olds GR; Mahmoud AAF
1981 Am J Path (471) 104 (2) Aug 150-158 Wa
Schistosoma mansoni-infected and uninfected mice, quantification of pulmonary inflammatory response around schistosomula, correlation with acquired resistance, augmented inflammation and enhanced protection induced by prior sensitization with dead schistosomula or eggs and by adoptive transfer of serum, serum activity shown to reside in fraction containing IgG₁

Immunoglobulins

Ortiz-Ortiz L; et al
1980 J Immunol 124 (1) Jan 121-126 Wm
Trypanosoma cruzi, mice, polyclonal B lymphocyte activation, may be responsible for abnormalities in immunoglobulin synthesis and secretion, possible role in etiology of autoimmune disease

Immunoglobulins

Osisanya JOS; Warhurst DC
1980 Tr Roy Soc Trop Med and Hyg 74 (5) 605-608 Wa
Entamoeba histolytica, human, hepatic and intestinal disease, specific anti-amoebic immunoglobulins measured using indirect fluorescent antibody test, comparison with results of cellulose acetate precipitin tests

Immunoglobulins

Ouaisi MA et al
1981 J Immunol 127 (4) Oct 1556-1559 Wm
Schistosoma mansoni, role of IgG Fc peptides in activation of classical complement pathway by schistosomula, local consumption of complement around schistosomula could be one of mechanisms that contribute to parasite survival in host

Immunoglobulins

Ouaisi MA; Haque A; Capron A
1981 Parasitology 82 (1) Feb 55-62 Wa
Dipetalonema viteae, in vitro interaction between rat macrophages and microfilariae in presence of IgE antibody, probable sequence of events leading to killing of microfilariae by macrophages

Immunoglobulins

Ozeretskovskaia NN et al
1979 Trop Dis Research Ser (1) 259-271 Wa
Echinococcus granulosus, E. multilocularis, patients with normal spleens vs. patients with enlarged spleens, clinical data, severity of disease, renal damage, serum immunoglobulin levels, total serum protein content and proteinogramme, phytohaemagglutinin skin test, levels of antibodies to DNA, specific anti-parasite antibodies, effect of prolonged treatment with mebendazole

Immunoglobulins

Patterson R; Harris KE
1981 J Allergy and Clin Immunol 67 (2) Feb 146-152 Wm
inhibition of IgE-mediated Ascaris antigen-induced monkey asthma and skin reactions by 5,8,11,14-eicosatetraenoic acid

Immunoglobulins

Pearson RD; Steigbigel RT
1980 J Immunol 125 (5) Nov 2195-2201 Wm
Leishmania donovani, lethal effect of nonimmune human serum occurred by activation of complement membrane attack complex predominantly through classical pathway with binding of both IgG and IgM to promastigotes

Immunoglobulins

Pery P et al
1979 Ann Immunol 130C (6) Nov-Dec 879-888 Wa
Nippostrongylus brasiliensis, rats, primary infection, anti-phosphorylcholine antibodies in serum and in mucosal extracts, location of phosphorylcholine antigens in different parasite developmental stages

Immunoglobulins

Petithory J; Pampiglione S; Perrin JP
1979 Bull Soc Path Exot 72 (4) July-Aug 357-362 Wa
serological survey of pygmy population using various helminth antigens, high degree of positive reactions and increased levels of immunoglobulins: Cameroon

Immunoglobulins

Piessens WF et al
1980 Am J Trop Med and Hyg 29 (4) July 563-570 Wa
Brugia malayi, human, anti-microfilarial sheath antibodies of different immunoglobulin classes detected by indirect immunofluorescence, antibodies promoting adherence of buffy coat cells to microfilariae, immunoglobulin on microfilariae isolated from blood of microfilaremic individuals, correlation of serum antibodies and cellular responses to microfilarial antigens with clinical status of single individuals: South Kalimantan, Indonesia

Immunoglobulins

Pinon JM et al
1978 Bull Soc Path Exot 71 (2) Mar-Apr 189-195 Wa
human parasitic diseases, critical evaluation of immuno-enzymatic reactions coupled with precipitation tests on cellulose acetate membranes

Immunoglobulins

Poltera AA; Hochmann A; Lambert PH
1980 Am J Path (456) 99 (2) May 325-351 Wa
Trypanosoma brucei brucei-infected mice as model for study of pancarditis, findings suggest that immune mechanisms may be involved in pathogenesis, offers suitable model for evaluation of efficacy of trypanocidal drugs

Immunoglobulins

Powell C; Mathaba LT
1978 Med J Zambia 12 (3) June-July 67-69 Wm
[*Trypanosoma*] rhodesiense, sheep inoculated with homogenate vs. sheep inoculated with 'fraction 3', IgG and IgM antibody response, degree of immunoprotection against challenge with [*Trypanosoma*] vivax

Immunoglobulins

Przyjalkowski Z; Golinska Z; Bany J
1979 Bull Acad Polon Sc Cl II s Sc Biol 27 (2) 117-120 Wa
Trichinella spiralis, germfree and conventional mice, influence of immunosuppressant cyclophosphamide on serum IgM, IgG, and IgA levels

Immunoglobulins

Radulescu S; Meyer EA
1981 Infect and Immun 32 (2) May 852-856 Wa
Giardia lamblia, ability of peritoneal rabbit macrophages from immunized and nonimmunized animals to phagocytose trophozoites in presence of hyperimmune serum, IgG purified from hyperimmune serum, normal serum, or no serum, correlation between ability of antibody to enhance in vitro phagocytosis and to agglutinate antigen

Immunoglobulins

Rao YVBG et al
1980 Indian J Med Research 72 July 47-52 Wa
Wuchereria bancrofti, *Litomosoides carinii*, demonstration of shared antigens, countercurrent immunoelectrophoresis and indirect haemagglutination tests, agglutinating of *L. carinii* microfilariae by sera from filarial patients due to IgM antibodies

Immunoglobulins

Revoltella R et al
1980 Internat Arch Allergy and Applied Immunol 62 (1) 23-33 Wa
intestinal parasite load in relation to serum IgE levels and parasite-specific IgE antibodies: Rwanda

Immunoglobulins

Rieckmann KH et al
1979 Bull World Health Organ 57 suppl 1 139-151 Wa
Plasmodium knowlesi, rhesus monkeys, immunization with 3 nonviable blood-stage antigens, response to challenge, haematology, indirect fluorescent antibody test, IgG values, radioimmunoassay values, opsonization and merozoite inhibition tests, B and T cell values, lymphocyte transformation test, intradermal skin test

Immunoglobulins

Rockey JH et al
1981 Arch Opthth Chicago 99 (10) Oct 1831-1840 Wa
Toxocara canis, *Ascaris suum*, passively sensitized guinea pigs and animals infected intravitreally with ascarid larvae, role of IgE antibodies and mast cells in immunopathology of eye

Immunoglobulins

Rodriguez AM et al
1981 Infect and Immun 31 (2) Feb 524-529 Wa
Trypanosoma cruzi, rats treated with anti- μ rabbit antiserum, immunoglobulin levels, specific anti-parasite antibodies, complement levels, parasitemia and mortality, results indicate essential role of antibodies, probably in association with complement or effector cells or both, in immunity to acute Chagas' disease

Immunoglobulins

Rose AH; Turner KJ
1980 Internat Arch Allergy and Applied Immunol 61 (3) 271-277 Wm
Balb/c mice, effect of low protein diet on IgE antibody responses to ovalbumin and *Ascaris suum* body fluid proteins

Immunoglobulins

Rosenberg YJ
1981 Cellular Immunol 61 (2) July 1 416-424 Wm
ability of nonspecific T-cell stimulators (including *Plasmodium yoelii* infection) to induce helper-cell-dependent increases in either polyclonal or isotype-restricted Ig production in mice

Immunoglobulins

Rousseaux-Prevost R et al
1980 Internat Arch Allergy and Applied Immunol 62 (1) 86-93 Wa
Schistosoma mansoni-infected mice, total serum IgG1 and IgE levels, parasite-specific IgG1 and IgE antibodies

Immunoglobulins

Sacks DL; Askonas BA
1980 European J Immunol 10 (12) Dec 971-974 Wa
Trypanosoma brucei-infected mice, immunosuppression of IgG and IgM anti-parasite antibody responses; severity of trypanosome-induced suppression of anti-parasite response, and IgM response in particular, determines course of infection by trypanosomes varying in virulence

Immunoglobulins

Saif El-Din S et al
1976 Ain Shams Med J 27 (3-4) May-July 323-330 Wm
schistosomal patients with viral hepatitis vs. non-schistosomal patients with viral hepatitis, diagnostic clinical picture, changes in immunoglobulin levels and Australian antigen levels

Immunoglobulins

Salata E; Rangel HA
1980 Rev Inst Med Trop S Paulo 22 (5) Sept-Oct 231-241 Wm
Trypanosoma cruzi, mice infected with Y vs. Nicaragua strains, mortality rate, persistence of parasitemia, level of various serum protein components

Immunoglobulins

Samuel AM et al
1978 Indian J Med Research 68 Sept 444-449 Wa
tropical eosinophilia, human, immunoglobulin levels, cell-mediated immune response to 4 helminth antigens, evidence of sensitization to filarial antigen, effect of diethylcarbamazine treatment

Immunoglobulins

Sanguigni S et al
1979 Ann Sclavo 21 (5) Sept-Oct 720-724 Wm
Trichomonas vaginalis, women with vaginitis, determination of secretory IgA in vaginal lavage

Immunoglobulins

Schmunis GA et al
1980 Am J Trop Med and Hyg 29 (2) Mar 170-178 Wa
Trypanosoma cruzi, children with recent infections, diagnosis, direct agglutination test with or without previous treatment of sera with 2-mercaptoethanol, comparison with indirect hemagglutination and indirect immunofluorescence tests

Immunoglobulins

Seed JR; Bogucki MS; Merritt SC
1980 Ohio State Univ Biosc Colloq (5) 131-143 Wm; Wa
trypanosomes, interactions between cell surface and immunoglobulins (host serum components, variant specific antibody), trypanosomes appear to have evolved at least 2 distinct mechanisms for escaping host's immune response, review

Immunoglobulins

Selkirk ME; Ogilvie BM; Platts-Mills TAE
1981 Clin and Exper Immunol 45 (3) Sept 615-620 Wa
Trypanosoma brucei rhodesiense-derived mitogen, activation of human peripheral blood lymphocytes, immunoglobulin synthesis in cell cultures

Immunoglobulins

Selkirk ME; Sacks DL
1980 Tropenmed u Parasitol 31 (4) Dec 435-438 Wa
Trypanosoma brucei, immunosuppression in 2 mouse strains which differ considerably in their ability to survive infection, results confirm that variation in susceptibility to infection is related to ability to mount IgM response

Immunoglobulins

Sethi KK; Brandis H
1981 Ann Immunol 132C (1) Jan-Feb 29-41 Wa
Toxoplasma gondii, in vitro immunization of mouse spleen cells, isolation and cloning of hybridomas producing monoclonal antibodies following fusion of in vitro-immunized spleen cells with mouse myeloma cells, characterization of Ig class of antibody produced by hybridomas, reactivities of monoclonal antibodies in different serological assays

Immunoglobulins

Shaw JJ; Lainson R
1981 Tr Roy Soc Trop Med and Hyg 75 (2) 254-257 Wa
cutaneous and mucocutaneous leishmaniasis, Chagas disease, human, IgA and IgG antibodies, Leishmania mexicana amazonensis and Trypanosoma cruzi as antigens in immunofluorescent tests

Immunoglobulins

Siebert AE et al
1981 Exper Parasitol 51 (3) June 418-430 Wa
Taenia crassiceps, primary and secondary infections in 2 strains of mice, serum immunoglobulin levels, cestode larval surface immunoglobulins

Immunoglobulins

Sitprija V et al
1980 Arch Int Med Chicago 140 (4) Apr 544-546 Wa
Trichinella spiralis-infected patients, renal clinicopathologic study, detection of circulating immune complexes and glomerular deposition of C3 and immunoglobulins: northern Thailand

Immunoglobulins

Skracikova J et al
1980 Ceskoslov Gastroenterol a Vyziva 34 (5) July 300-303 Wm
Giardia intestinalis, humans, analysis of serum immunoglobulin levels, IgG and IgA levels significantly increased during infection

Immunoglobulins

Smith WD; Angus KW
1980 Research Vet Sc 29 (1) July 45-50 Wa
Haemonchus contortus, immunizing lambs with varying numbers of doses of irradiated larvae, or combining this vaccine with larval antigens and adjuvant, serum IgG, IgA and IgG in abomasal mucosa

Immunoglobulins

Spry CJF
1981 Parasite Immunol 3 (1) Spring 1-11 Wa
tropical (filarial) eosinophilia patients, alterations in blood eosinophil morphology, binding capacity for complexed IgG, and kinetics

Immunoglobulins

Stankiewicz M; Jeska EL
1979 Bull Acad Polon Sc Cl II s Sc Biol 27 (5)
349-352 Wa
Trichinella pseudospiralis in normal chicken serum, precipitin-like deposits, reaction is temperature and Ca dependent and requires heat labile factor(s); IgM and IgG shown in precipitates by immunofluorescence

Immunoglobulins

Stromberg BE
1980 J Immunol 125 (2) Aug 833-836 Wm
Ascaris suum, potentiation of reaginic (IgE) antibody response to ovalbumin in guinea pigs using soluble parasite metabolic product

Immunoglobulins

Sturrock RF et al
1981 Tr Roy Soc Trop Med and Hyg 75 (2) 219-227 Wa
Schistosoma mansoni-infected schoolchildren, heat-labile IgE and heat-stable IgG anti-schistosomular antibodies, relationship to host age, to intensity of infection, and to each other: Kenya

Immunoglobulins

Suemura M; et al
1980 J Immunol 125 (1) July 148-154 Wm
Nippostrongylus brasiliensis, regulatory role of IgE-binding factors from rat T-lymphocytes, mechanism of enhancement of IgE response by IgE-potentiating factor

Immunoglobulins

Suzuki T; Damian RT
1981 Am J Trop Med and Hyg 30 (4) July 825-835 Wa
Schistosoma mansoni-infected Papio cynocephalus, development of antibodies to adult worm, egg, and cercarial antigens during acute and chronic infections, immunoglobulin classes, enzyme-linked immunosorbent assay, radioallergosorbent, indirect hemagglutination, circumoval precipitin, and slide flocculation tests

Immunoglobulins

Szarfman A et al
1981 Tr Roy Soc Trop Med and Hyg 75 (1) 114-116 Wa
Trypanosoma cruzi-infected Macaca mulatta, tissue-reacting immunoglobulins in serial serum samples, suitable host for experimental studies on Chagas' disease

Immunoglobulins

Szarfman A et al
1981 Am J Trop Med and Hyg 30 (1 pt 1) Jan 43-46 Wa
Trypanosoma cruzi, human, tissue-reacting immunoglobulins, presence not correlated with clinical symptoms and signs which characterize chronic stage of disease nor with severity of disease

Immunoglobulins

Szilagyiova M et al
1979 Casop Lek Cesk 118 (47) Nov 23 1451-1454 Wm
intestinal parasites, serum immunoglobulins, total serum proteins, and individual fractions of plasma proteins compared in infected Vietnamese students, non-infected Vietnamese students and healthy subjects from Czechoslovakia

Immunoglobulins

Szilagyiova M et al
1981 Casop Lek Cesk 120 (9) Mar 5 264-270 Wm
teniarhynchosis, humans, changes in immunoglobulins G, A, M, total serum proteins, and plasma protein fractions compared in controls, treated, and non-treated patients

Immunoglobulins

Tabel H et al
1981 Tropenmed u Parasitol 32 (3) Sept 149-153 Wa
Trypanosoma vivax, T. congolense, cattle, serum levels of immunoglobulins, natural heterophile antibodies to chicken and sheep red blood cells, and complement-fixing antibodies to T. vivax, concluded that there was little evidence for polyclonal activation of lymphocytes and that decreased IgG₁ levels in T. congolense group might have been reflection of immunosuppression, complement fixation test proved to be sensitive tool for monitoring antibody response to T. vivax, analogous complement fixation test could not be set up with T. congolense

Immunoglobulins

Takehara HA et al
1981 Exper Parasitol 52 (1) Aug 137-146 Wa
Trypanosoma cruzi, mice, role of different antibody classes in protection against infection, passive transfer experiments

Immunoglobulins

Tarleton RL; Kemp WM
1981 J Immunol 126 (1) Jan 379-384 Wm
Schistosoma mansoni adults, demonstration of IgG-Fc and C3 receptors, binding of host serum proteins to these receptors may aid parasite survival by helping to prevent immune detection

Immunoglobulins

Teale JM; Liu FT; Katz DH
1981 J Exper Med 153 (4) Apr 1 783-792 Wm
clonal analysis of IgE response, results demonstrate no distinct subpopulation of B cells committed to IgE expression per se, DNP-Ascaris suum as one of hapten-protein conjugates used

Immunoglobulins

Thomas V; Chang Wing Chit
1980 Tr Roy Soc Trop Med and Hyg 74 (1) 73-76 Wa
Plasmodium falciparum, infant boy, congenital infection, case report, immunofluorescence showed specific IgG and IgM antibodies in maternal cord and 2 early neonatal sera, value of specific IgM antibody in diagnosing congenital infection: Malaysia

Immunoglobulins

Thomas V; Sinniah B; Yap PL
1980 Southeast Asian J Trop Med and Pub Health 11 (1) Mar 119-125 Wa
Toxoplasma gondii, human, indirect fluorescent antibody prevalence in relation to age group, sex, and ethnic group, prevalence of specific IgM antibodies: Malaysia

Immunoglobulins

Thompson JP et al
1981 J Parasitol 67 (5) Oct 728-730 Wa
Brugia malayi, efficient clearance of injected microfilariae in CBA/H mice in contrast to prolonged microfilaremia in CBA/N mice, CBA/N mice have delayed IgG and deficient IgM response in comparison to CBA/H mice, development of acquired resistance in CBA/H but not in CBA/N mice

- Immunoglobulins**
Trainin Z; Ungar-Waron H
1981 *Advances Exper Med and Biol* 137 169-196 Wa
IgM in bovine immune system and relevance to disease, review, includes brief mention of *Sarcocystis*, *Theileria annulata*, and *Trypanosoma* infection
- Immunoglobulins**
Turner KJ; Fisher EH; McWilliam AS
1980 *Austral J Exper Biol and Med Sc* 58 (3) June 249-257 Wa
Ascaris lumbricoides, *A. suum*, *Necator americanus*, homology between antigens detected by human IgE antibodies, radioallergosorbent test (RAST), inhibition of RAST, and iso-electric focusing on polyacrylamide gels
- Immunoglobulins**
Turner KJ; Fisher EH; Mayrhofer G
1981 *Austral J Exper Biol and Med Sc* 59 (4) Aug 491-502 Wa
Nippostrongylus brasiliensis-infected rats, age-dependent modulation of serum IgE and mast cell sensitization, results discussed in relation to proposed mechanisms by which parasites might suppress allergic diseases
- Immunoglobulins**
Turner KJ; Sumarmo; Sutejo
1978 *Asian J Infect Dis* 2 (3) Sept 193-203 Wm
The influence of parasitism on the expression of immediate-type hypersensitivity reactions and serum immunoglobulin levels in malnourished children
- Immunoglobulins**
Urban JF jr; Ishizaka K; Bazin H
1980 *J Immunol* 124 (2) Feb 527-532 Wm
Nippostrongylus brasiliensis-infected rats, IgE-B cell generating factor from lymph node cells, major source of this factor is IgE-, IgD-, IgM-triple bearing cells, regulation of factor formation by anti-immunoglobulin
- Immunoglobulins**
Van Marck EAE et al
1981 *Am J Trop Med and Hyg* 30 (4) July 780-789 Wa
Trypanosoma gambiense, mice, rats, chronic experimental infections, renal disease. light and electron microscopy, immunofluorescence (deposits of complement and immunoglobulins but no trypanosomal antigen detected), specific antibodies in kidney eluates, circulating immune complexes, appears to be suitable model
- Immunoglobulins**
Van Marck EAE; Deelder AM; Gigase PLJ
1981 *Exper Parasitol* 52 (1) Aug 62-68 Wa
Schistosoma mansoni, mice with unisexual infections, circulating anodic antigen detected in glomeruli accompanied by deposits of immunoglobulin and complement, probably represents antigen part of immune complexes, circulating anodic antigen appears to be major candidate among antigens involved in schistosomal glomerulopathy
- Immunoglobulins**
Van Marck EAE; Vervoort T
1980 *Tr Roy Soc Trop Med and Hyg* 74 (5) 666-667 Wa
Trypanosoma brucei brucei, mice vaccinated with purified variable antigen, detection of immunoglobulins, C3 fraction of complement, and trypanosome antigen in glomeruli, trypanosomal antigen is most probably deposited in immune complex form
- Immunoglobulins**
Walzer PD; Rutledge ME
1981 *J Lab and Clin Med* 97 (6) June 820-833 Wa
Pneumocystis carinii, rats, antibody titers and immunoglobulin levels in serum and bronchial lavage fluid, effects of steroid administration, steroid withdrawal, and prolonged environmental exposure to *P. carinii* on development of these humoral immune responses
- Immunoglobulins**
Weil GJ; Ottesen EA; Powers KG
1981 *Exper Parasitol* 51 (1) Feb 80-86 Wa
Dirofilaria immitis, dogs (exper.), parasite-specific humoral (IgG (enzyme-linked immunosorbent assay) and IgE (passive cutaneous anaphylaxis) titers) and cellular (lymphocyte transformation) immune responses, results consistent with observations in other host-parasite systems which suggest that in chronic tissue helminth infections cellular responses to parasite antigens are depressed while antibody reactions to the same antigens are relatively preserved
- Immunoglobulins**
Weiss N; Speiser F; Hussain R
1981 *Acta Trop* 38 (3) Sept 353-362 Wa
Onchocerca volvulus, human, detection of IgE antibodies with radioallergosorbent test using *O. volvulus* vs. *Dipetalonema viteae* as antigen, comparison with enzyme linked immunosorbent assay detecting IgG and IgM antibodies against same antigen preparations
- Immunoglobulins**
Weltman JK; Senft AW
1981 *Parasite Immunol* 3 (2) Summer 157-163 Wa
schistosomiasis, human, analysis of allergy, immunoglobulin E, and diagnostic skin tests, mathematical model for mast cell degranulation
- Immunoglobulins**
Whitelaw DD et al
1980 *Infect and Immun* 27 (3) Mar 707-713 Wa
Trypanosoma congolense in susceptible mouse strain vs. trypanotolerant mouse strain, host survival, parasitemia and anemia, erythrocyte survival, plasma and erythrocyte volumes, blood biochemistry, immunoglobulin levels, immunosuppression, infectivity neutralization tests on sera, results indicate ability of resistant mice to survive is dependent on humoral antibody
- Immunoglobulins**
Yodoi J et al
1981 *J Immunol* 127 (2) Aug 476-482 Wm
lymphocytes bearing Fc receptors for IgE, possible participation of phospholipase A₂ in glycosylation of IgE-binding sites, includes experiments using *Nippostrongylus brasiliensis*-infected rats
- Immunoglobulins**
Yodoi J; Hirashima M; Ishizaka K
1980 *J Immunol* 125 (4) Oct 1436-1441 Wm
Nippostrongylus brasiliensis, rats, regulatory role of IgE-binding factors from rat T lymphocytes, glycoprotein nature and source of IgE-potentiating factor
- Immunoglobulins**
Yodoi J; Hirashima M; Ishizaka K
1981 *J Immunol* 127 (2) Aug 471-476 Wm
lymphocytes bearing Fc receptors for IgE, suppressive effect of glucocorticoids on expression of Fc receptors and glycosylation of IgE-binding factors, includes experiments using *Nippostrongylus brasiliensis*-infected rats

Immunoglobulins

Yodoi J; Ishizaka K
1979 J Immunol 123 (5) Nov 2004-2010 Wm
Nippostrongylus brasiliensis, rats, lymphocytes
bearing receptors for IgE, transition of
FcγR(+) cells to FcεR(+) cells by IgE

Immunoglobulins

Yodoi J; Ishizaka K
1980 J Immunol 124 (3) Mar 1322-1329 Wm
Nippostrongylus brasiliensis-infected rats,
formation of IgE-binding factor by T lympho-
cytes

Immunoglobulins

Yoo TJ; Bennett M
1981 Internat Arch Allergy and Applied Immunol
65 (2) 235-238 Wm
IgE response to Ascaris antigen was suppressed
in mice infected with either herpes simplex
virus type 2 or Friend erythroleukemia virus

Immunological deficiency states See Immuno-
logical unresponsiveness

Immunological tolerance See Immunological unre-
sponsiveness

Immunological unresponsiveness

Abdel-Salam E et al
1981 Tr Roy Soc Trop Med and Hyg 75 (2) 207-214
Wa
Schistosoma haematobium, children, lymphocyte
blast transformation responses, effect of niri-
dazole therapy, evidence of disturbed cell-
mediated immunity

Immunological unresponsiveness

Adams DB
1981 Internat J Parasitol 11 (4) Aug 309-317 Wa
Haemonchus contortus, sheep during primary in-
fection and during recovery from infection
which followed anthelmintic treatment, changes
in blood leukocytes, bone marrow, and lymphoid
organs, in vitro reactivity of blood lympho-
cytes to parasite antigen, haemagglutinating
antibody response to rat erythrocytes, immuno-
logical basis for selective unresponsiveness
to parasite antigen has yet to be clarified

Immunological unresponsiveness

Aggarwal A et al
1980 Ann Trop Med and Parasitol 74 (3) June 369-
371 Wa
Giardia lamblia, corticosteroid/irradiation-
treated immune-depressed mice were more suscep-
tible to infection which indicates presumed
role of cellular and humoral immunity in giar-
diasis

Immunological unresponsiveness

Aikat BK et al
1979 Indian J Med Research 70 Oct 583-591 Wa
kala-azar, humans, immunological responses:
Bihar

Immunological unresponsiveness

Aitken MM et al
1981 Research Vet Sc 31 (1) July 120-126 Wa
Fasciola hepatica-infected vs. non-infected
cattle (exper.), resistance to reinfection with
potentially lethal dose of Salmonella dublin,
results indicate that Fasciola infection did
not alter resistance but that bacteria per-
sisted in tissues and were excreted in faeces
of fluke-infected animals for longer than
fluke-free animals

Immunological unresponsiveness

Akpom CA
1981 Tr Roy Soc Trop Med and Hyg 75 (3) 444-446
Wa
Schistosoma mansoni, response induced in normal
healthy mice by eggs that were recovered from
severely protein-deficient mice, concluded that
suppression of host cellular immunity may not
be only factor that explains suppression of
granulomatous response to eggs in severe pro-
tein malnutrition

Immunological unresponsiveness

Albright JW; Albright JF
1980 J Immunol 124 (5) May 2481-2484 Wm
Trypanosoma musculi-mediated suppression of
murine humoral immunity independent of typical
suppressor cells

Immunological unresponsiveness

Albright JW; Albright JF
1981 J Immunol 126 (1) Jan 300-303 Wm
inhibition of murine humoral immune responses
by substances derived from Trypanosoma musculi
but not from T. lewisi

Immunological unresponsiveness

Allan D et al
1981 Parasite Immunol 3 (2) Summer 137-142 Wa
Echinococcus granulosus equinus, BALB/c mice
infected either by protoscolices or cyst-pas-
sage exhibit non-specific suppression that is
capable of causing marked and significant sup-
pression to sheep erythrocytes when their mes-
enteric lymph node cells are adoptively trans-
ferred but there is a significant decrease in
numbers of Thy-1 cells in these MLNC trans-
plants, possible function of Ly-2,3⁺ cells not
only as suppressor but as alloreactive cyto-
toxic cells discussed as possible autoimmune
explanation for longevity of parasite within
mouse model

Immunological unresponsiveness

Anderson SE jr; Krahenbuhl JL; Remington JS
1979 J Clin and Lab Immunol 2 (4) Nov 293-297
Wm
Toxoplasma gondii, human, longitudinal studies
of lymphocyte response to Toxoplasma antigen,
immunodepression seen in some subjects

Immunological unresponsiveness

Annen JM; Koehler P; Eckert J
1981 Ztschr Parasitenk 65 (1) 79-88 Wa
Echinococcus granulosus cyst fluid, marked
degree of toxicity on primary spleen cell cul-
tures in vitro, cytotoxicity assay, functional
role in immune evasion discussed

Immunological unresponsiveness

Aryanpour J; Hafizi A; Modabber F
1980 Infect and Immun 27 (3) Mar 1038-1040 Wa
Toxoplasma gondii-infected thymectomized, irra-
diated, and bone marrow-reconstituted (T-
deprived) mice, antibody titers, lack of IgM
suppression by IgG antibody

Immunological unresponsiveness

Ashford R et al
1980 Lancet London (8176) 1 May 10 1037-1038
Wa
Plasmodium vivax, 18-year-old boy, infection
possibly precipitated by immunosuppressive
treatment of sarcoma: referred to Westminster
Hospital, U.K. from Pakistan

- Immunological unresponsiveness
Auriault C et al
1980 Immunol Letters 2 (3) Dec 135-139 Wa
Schistosoma mansoni, inactivation of rat macrophages by peptides resulting from cleavage of IgG by larval proteases, might represent efficient immunosuppressive mechanism of parasite to escape host response
- Immunological unresponsiveness
Avagnina MA et al
1980 Acta Cytol 24 (1) Jan-Feb 36-39 Wa
Strongyloides stercoralis, fatal hyperinfection of immunosuppressed man, cytologic examination of ascitic fluid: Formosa, Argentina
- Immunological unresponsiveness
Babiker EA; Le Ray D
1981 Ann Soc Belge Med Trop 61 (1) Mar 15-29 Wa
Trypanosoma brucei gambiense, adaptation of low virulence stocks to rats and mice, evaluation of some methods previously described for enhancing trypanosome infectivity (rapid passaging, drug-induced immunodepression, use of age-related receptivity), establishment of cloned pleomorphic populations
- Immunological unresponsiveness
Bagasra O; Schell RF; Le Froock JL
1981 Infect and Immun 32 (1) Apr 188-193 Wa
Trypanosoma rhodesiense, mice, evidence for depletion of Ia⁺ macrophages and associated immunosuppression
- Immunological unresponsiveness
Baltz T et al
1981 Infect and Immun 32 (3) June 979-984 Wa
Trypanosoma gambiense subchronic disease, subcurative treatment of chronic T. brucei and acute T. equiperdum, mice, immune depression and macroglobulinemia
- Immunological unresponsiveness
Barousse AP et al
1980 Medicina Buenos Aires 40 Suppl (1) 17-26 Wm
T[rypanosoma] cruzi, 16 immunosuppressed patients with chronic Chagas infection, study concluded that immunosuppression does not reactivate parasitic infection
- Immunological unresponsiveness
Barriga OO
1980 J Parasitol 66 (5) Oct 730-734 Wa
Trichinella spiralis, responses of B-cells to mitogens and antigen in mice receiving isogenic splenocytes from animals treated with parasite extract, simultaneous stimulatory and inhibitory effects on immune system of recipients
- Immunological unresponsiveness
Bazin H; et al
1980 J Immunol 124 (5) May 2373-2377 Wm
Schistosoma mansoni, rats, effect of neonatal injection of anti- μ antibodies on immunoglobulin levels, on in vitro cytotoxicity assays, on immunity to primary infection, and on immunity to reinfection
- Immunological unresponsiveness
Bender AP et al
1981 Vet Rec 108 (2) Jan 10 41 Wa
Dirofilaria immitis, allogenic spleen cells killed microfilariae of another dog whose spleen cells could not kill its own microfilariae, may indicate that some form of immunosuppression is required for maintenance of microfilaraemia; culture medium in which microfilariae maintained motility for 44 days and 3 hours
- Immunological unresponsiveness
Berger R; Kraman S; Paciotti M
1980 Am J Trop Med and Hyg 29 (1) Jan 31-34 Wa
Strongyloides stercoralis, 66-year-old man, pulmonary strongyloidiasis complicating therapy with corticosteroids, secondary bacterial meningitis and pneumonia, good response to thiabendazole and other therapy
- Immunological unresponsiveness
Bhatia A; Aggarwal A; Vinayak VK
1980 Indian J Med Research 72 July 33-37 Wa
Plasmodium berghei, mice, suppression of immune response to sheep red blood cells, restoration of immunological response after chloroquine therapy
- Immunological unresponsiveness
Bindseil E; Andreassen J
1981 Parasitology 83 (3) Dec 489-496 Wa
Ascaris suum, effect on growth and expulsion of Hymenolepis diminuta in mice, immunodepressive effect not found
- Immunological unresponsiveness
Blaser K; Nakagawa T; de Weck AL
1981 J Immunol 126 (3) Mar 1180-1184 Wm
suppression of anti-hapten IgE and IgG antibody responses by isologous anti-idiotypic antibodies against purified anti-carrier (ovalbumin) antibodies in BALB/c mice, BPO-Ascaris suum protein extract one of antigens used
- Immunological unresponsiveness
Bloom BR; Tanowitz H; Wittner M
1979 Immune Mech and Dis 69-100 Wm; Wa
mechanisms for escape of immune surveillance by parasites, review (old-time genetic engineering; antigenic variation; antigenic mimicry and concomitant immunity; learning to live in your macrophages; jamming the immune response; subversion of the immune system)
- Immunological unresponsiveness
Brandt de Oliveira, R; Voltarelli JC; Meneghelli UG
1981 Parasite Immunol 3 (2) Summer 165-169 Wa
Strongyloides stercoralis, patient with hypogammaglobulinaemia but with no abnormality in cell-mediated immunity, severe persistent infection in spite of repeated courses of thiabendazole therapy, first evidence of relevant role of humoral immune response in human defenses against strongyloidiasis

Immunological unresponsiveness

Brener Z
1980 *Advances Parasitol* 18 247-292 Wa
Trypanosoma cruzi, human, immunity, extensive review: antigenic constitution; natural immunity; humoral immune response (immunoglobulins; role of antibodies in host resistance; spleen and host resistance; complement; interferon); cell-mediated immune response (tests in vitro; delayed hypersensitivity; CMI and resistance; cytotoxicity mechanisms; macrophages); effects of immunosuppressors in Chagas' disease; immunodepression in course of Chagas' disease; evasion of immune response; auto-immune reactions; vaccination

Immunological unresponsiveness

Brennan RO; Durack DT
1981 *Lancet London* (8259) 2 Dec 12 1338-1339 Wa
Pneumocystis carinii, contributing organism in newly recognized syndrome of opportunistic infections in homosexual males, named 'gay compromise syndrome' as those infected seem to be severely immunocompromised, brief clinical discussion, case report

Immunological unresponsiveness

Brooks BO; Reed ND
1981 *Exper Parasitol* 52 (1) Aug 49-52 Wa
Trypanosoma musculi, mice, development of passive hemagglutination technique to measure antibody, assay used to investigate specific antibody responses of nude vs. normal mice

Immunological unresponsiveness

Brown KN; Hills LA
1981 *Tropenmed u Parasitol* 32 (2) June 67-72 Wa
Plasmodium berghei, protective immunity in mice and rats is significantly enhanced by phenylhydrazine treatment, this effect generates memory, can be transferred with spleen cells, and can have both enhancing and suppressive action on protective immune response in recipients, implications for role of erythrocyte destruction in protective immunity to malaria

Immunological unresponsiveness

Bueding E; Hawkins J; Cha YN
1981 *Agents and Actions* 11 (4) July 380-383 Wm
Schistosoma mansoni, mice, antischistosomal effects of cyclosporin A (new selective immunosuppressive agent), synergistic antischistosomal effects of cyclosporin A with subcurative dose of amoscanate, evidence suggests antischistosomal effects are mediated through stimulation of host mechanisms directed against parasite

Immunological unresponsiveness

Bullock WE
1979 *Immunol Aspects Infect Dis* 269-294 Wa
mechanisms of anergy in infectious diseases, review, includes brief mention of several parasites

Immunological unresponsiveness

Burgess DE; Hanson WL
1980 *Cellular Immunol* 52 (1) June 176-186 Wa
Trypanosoma cruzi, mice, T-cell dependence of primary immune response, effects of depletion of T cells and Ig-bearing cells on immunological memory

Immunological unresponsiveness

Buxton D
1980 *J Med Microbiol* 13 (2) May 307-311 Wa
Toxoplasma gondii, congenitally athymic nude mice, infection with normally avirulent cyst-producing strain, much less able to cope with infection than their hirsute littermates

Immunological unresponsiveness

Buxton D et al
1980 *J Comp Path* 90 (2) Apr 331-338 Wa
Toxoplasma gondii in mice infected with louping-ill virus may stimulate 2 independent mechanisms: increased susceptibility to the virus and antiviral activity, possibly mediated by toxoplasma stimulation of interferon production

Immunological unresponsiveness

Campbell CC; Martinez JM; Collins WE
1980 *Am J Trop Med and Hyg* 29 (2) Mar 151-157 Wa
Plasmodium falciparum, *P. vivax*, longitudinal study of 113 women and their newborns to estimate malaria incidence and indirect fluorescent antibody response to infection, depressed IFA response to *P. falciparum* in 3rd trimester of pregnancy, limited transplacental immunization of newborns, appears that passive immunity can exert little effect on incidence of infant malaria: coastal El Salvador

Immunological unresponsiveness

Camus D et al
1981 *Immunopharmacology* 3 (3) Sept 193-204 Wa
Schistosoma mansoni-infected or uninfected rats or mice, in vivo modulation of specific and nonspecific cell-mediated immune responses by dialyzable schistosome incubation product (inhibitory factor of lymphocyte proliferation elicited in vitro)

Immunological unresponsiveness

Capron M et al
1980 *Parasite Immunol* 2 (3) Autumn 223-235 Wa
Schistosoma mansoni, humans (from Burundi and Brazil), *Erythrocybus patas*, inverse relationship between cytotoxic antibodies and circulating schistosome antigens, probable transfer of cytotoxic antibodies from mother to child through placenta, possible mechanisms for inhibitory role of circulating immune complexes on complement-dependent cytotoxic activity

Immunological unresponsiveness

Carlier Y et al
1980 *Am J Trop Med and Hyg* 29 (1) Jan 74-81 Wa
Schistosoma mansoni-infected African parturients, their uninfected newborn children, infected men, and infected non-pregnant women, evaluation of circulating soluble antigens (CSA) by sandwich radioimmunoassay, of circulating antibodies (CAB) by indirect hemagglutination, and of immune complexes (CIC) by Clq binding test, results indicate probable transplacental transfer of CSA from mother to fetus and possible modulation of CSA level by specific CAB and CIC formation

Immunological unresponsiveness

Carvalho EM; Teixeira RS; Johnson WD jr
1981 *Infect and Immun* 33 (2) Aug 498-502 Wa
Leishmania chagasi, human, cell-mediated immunity, reversible immunosuppression during acute infection

- Immunological unresponsiveness
Castro GA; Malone C; Smith S
1980 J Parasitol 66 (3) June 407-412 Wa
Trichinella spiralis, rats, systemic anti-inflammatory effect associated with enteric trichinellosis
- Immunological unresponsiveness
Cha YN et al
1980 Am J Trop Med and Hyg 29 (2) Mar 234-238 Wa
Schistosoma mansoni-infected athymic nude mice vs. normal heterozygotes, activities of several hepatic drug-metabolizing enzymes, severe reductions of hepatic drug-metabolizing capacity occur only in mice that are immunologically competent and are dependent on host's response to parasite eggs
- Immunological unresponsiveness
Chaudhuri B et al
1980 Acta Cytol 24 (4) July-Aug 360-362 Wa
Strongyloides stercoralis, immunosuppressed man, disseminated infestation detected by cytologic examination of sputum, bronchial washing, and brushing: University of Illinois Hospital
- Immunological unresponsiveness
Chensue SW; Boros DL; David CS
1980 J Exper Med 151 (6) June 1 1398-1412 Wa
Schistosoma mansoni, mice, regulation of granulomatous inflammation, in vitro characterization of T lymphocyte subsets involved in production and suppression of migration inhibition factor
- Immunological unresponsiveness
Chensue SW; Wellhausen SR; Boros DL
1981 J Immunol 127 (1) July 363-367 Wm
Schistosoma mansoni-infected mice, participation of Ly 1⁺ and Ly 2⁺ T lymphocytes in suppression of granuloma formation and lymphokine production
- Immunological unresponsiveness
Chinchilla M; Guerrero OM; Portilla E
1980 Rev Biol Trop 28 (1) July 109-119 Issued Sept Wa
Leishmania mexicana, L. braziliensis, hamsters immunized with dead antigen and non-immunized hamsters, effect of treatment with cortisone and challenge with live parasites
- Immunological unresponsiveness
Chouvet B et al
1979 Ann Dermat et Venereol 106 (6-7) June-July 569-574 Wm
Sarcoptes scabiei var. hominis, Norwegian type, humans, case reports, pathogenesis unclear but immunologic deficiencies seem to be principal determinants, pathology, clinical management
- Immunological unresponsiveness
Christensen NO et al
1981 J Parasitol 67 (2) Apr 164-166 Wa
Echinostoma revolutum-infected mice, homologous immunotolerance, decreased resistance to Schistosoma mansoni
- Immunological unresponsiveness
Chung PR; Chang JK; Soh CT
1975 Yonsei Rep Trop Med 6 (1) Nov 31-36 Wm
Toxoplasma gondii-infected mice treated with cortisone, acceleration in development of Toxoplasma cysts in tissue, suppression of macrophage supply into peritoneal cavity, most mice that died were males
- Immunological unresponsiveness
Cioli D et al
1980 Cellular Immunol 53 (2) Aug 1 246-256 Wa
Schistosoma mansoni, rats, resistance to reinfection in various host strains and in thymectomized hosts, peripheral eosinophilia, liver morphology
- Immunological unresponsiveness
Clayton CE
1979 Trop Dis Research Ser (1) 97-119 Wa
trypanosomiasis, malaria, immunosuppression, review
- Immunological unresponsiveness
Clayton CE et al
1980 Infect and Immun 28 (3) June 824-831 Wm
Trypanosoma b. brucei, mice, cellular proliferation and functional depletion in blood, peritoneum, and spleen related to changes in bone marrow stem cells
- Immunological unresponsiveness
Coelho PMZ et al
1980 Tr Roy Soc Trop Med and Hyg 74 (1) 141 Wa
Schistosoma mansoni-infected mice subsequently infected with Leishmania mexicana mexicana, shortened incubation period for leishmaniasis, possibly due to immunodepressive effects of Schistosoma mansoni
- Immunological unresponsiveness
Colley DG
1981 J Immunol 126 (4) Apr 1465-1468 Wm
Schistosoma mansoni, mice, T lymphocytes that contribute to immunoregulation of granuloma formation in chronic infection
- Immunological unresponsiveness
Colley DG
1981 Fed Proc 40 (5) Apr 1440-1442 Wa
immunoregulatory aspects of parasitic infections, minisymposium summary
- Immunological unresponsiveness
Colley DG; Kayes SG
1979 6 Internat Convoc Immunol 268-273 Wm; Wa
schistosomiasis, immunopathology and immunoregulation, review
- Immunological unresponsiveness
Conley FK
1980 Cancer Research 40 (4) Apr 1240-1244 Wa
Toxoplasma gondii-infected rats with ethylnitrosourea-induced central nervous system tumors, lack of tumor inhibition by chronic parasitic infection as opposed to protective mechanisms exhibited in infected mice, inflammatory component produced by Toxoplasma organism in brain may be necessary prerequisite for tumor inhibition
- Immunological unresponsiveness
Correa M; Narayanan PR; Miller HC
1980 J Immunol 125 (2) Aug 749-754 Wm
Plasmodium chabaudi, suppressive activity of splenic adherent cells from infected mice
- Immunological unresponsiveness
Corrier DE; Wagner GG; Adams LG
1981 Am J Vet Research 42 (1) Jan 19-21 Wa
Anaplasma marginale, calves, recrudescence induced by immunosuppression with cyclophosphamide, suggests that humoral immunity may contribute significantly in maintaining a state of equilibrium in Anaplasma-host relationship and that suppression of humoral immune response may alter course and outcome of infection in Anaplasma carriers

Immunological unresponsiveness

Corsini AC; et al
1980 Immunology 40 (4) Aug 505-511 Wa
Trypanosoma cruzi, fraction from epimastigotes depresses humoral and cell-mediated immune responses in mice

Immunological unresponsiveness

Corsini AC; Oliveira OLP; Costa MG
1980 Ztschr Parasitenk 64 (1) 85-93 Wa
Trypanosoma cruzi, highly resistant mice, humoral suppression to sheep red blood cells in both acute and chronic stages of infection, importance of timing between infection and antigen presentation, parasitaemia, xenodiagnosis

Immunological unresponsiveness

Corsini AC; Vilela MMS; Piedrabuena AE
1981 Tropenmed u Parasitol 32 (2) June 82-86 Wa
Trypanosoma cruzi, human, chronic Chagas' disease patients, serum levels of IgM, IgG, IgA, complement, number of circulating T and B lymphocytes, no evidence of immune complexes, unimpaired delayed type hypersensitivity reactions to various antigens, humoral suppression to typhoid vaccine

Immunological unresponsiveness

Cottrell BJ; Humber D; Sturrock RF
1980 Tr Roy Soc Trop Med and Hyg 74 (3) 415-416 Wa
Schistosoma mansoni, factor in sera of patients that suppresses cell-mediated response

Immunological unresponsiveness

Cottrell BJ; Sturrock RJ; Vanhoegaerden M
1980 Immunology 39 (4) Apr 589-598 Wa
Schistosoma mansoni-infected Papio anubis, reduced cell-mediated immunity, suggested that immunosuppressive factors in serum are immune complexes

Immunological unresponsiveness

Cunningham DS et al
1981 Exper Parasitol 51 (2) Apr 257-268 Wa
Trypanosoma cruzi in relatively resistant vs. highly susceptible strain of mice, antibody response to previously unencountered antigens, autoantibody activity, proposed that T. cruzi-associated antigens differentially affect B-cell-responsive and -responding clones, unlike that nonspecific induction of immunoglobulin synthesis is purely responsible for immunosuppressed condition of both susceptible and resistant mice, immunopotentiating effect of T. cruzi demonstrated in 2 ways, possible significance of polyclonal activation in experimental Chagas' disease

Immunological unresponsiveness

Cunningham DS; Benavides GR; Kuhn RE
1980 J Immunol 125 (5) Nov 2317-2321 Wm
Trypanosoma cruzi-infected mice vs. mice administered T. cruzi-induced suppressor substance, differences in regulation of humoral responses, interactions between T cells and B cells

Immunological unresponsiveness

Cunningham DS; Benavides GR; Kuhn RE
1980 J Parasitol 66 (5) Oct 722-729 Wa
Trypanosoma cruzi, suppression of mitogen-induced lymphoblast transformation by parasite-induced suppressor substance

Immunological unresponsiveness

Cunningham DS; Groggl M; Kuhn RE
1980 Infect and Immun 30 (2) Nov 496-499 Wa
Trypanosoma cruzi, humans, suppression of antibody responses against sheep erythrocytes

Immunological unresponsiveness

Cunningham DS; Hazen TC; Kuhn RE
1981 J Parasitol 67 (4) Aug 468-474 Wa
Trypanosoma cruzi-susceptible and -resistant mice were both more resistant to challenge with Aeromonas hydrophila following infection with T. cruzi, increased resistance depended on several factors but was generally independent of the immunosuppressed condition caused by T. cruzi infection

Immunological unresponsiveness

Cunningham DS; Kuhn RE
1980 Immunogenetics 10 (6) June 1 557-571 Wa
Trypanosoma cruzi-induced suppressor substance (SS), mode of action in inhibiting responses of lymphoid cells to T-cell-dependent and -independent antigens, evidence that effectiveness of SS is related to H-2 haplotype of cells being suppressed

Immunological unresponsiveness

Cunningham DS; Kuhn RE
1980 J Immunol 124 (5) May 2122-2129 Wm
Trypanosoma cruzi-induced suppressor substance, cellular involvement and partial characterization

Immunological unresponsiveness

Cunningham DS; Kuhn RE
1980 J Parasitol 66 (1) Feb 16-27 Wa
Trypanosoma cruzi-induced suppression of primary immune response in murine cell cultures to T-cell-dependent and -independent antigens, plastic-adherent macrophagelike cell plays major role in suppressed humoral responses

Immunological unresponsiveness

Cunningham DS; Kuhn RE
1980 J Parasitol 66 (3) June 390-398 Wa
Trypanosoma cruzi, mice, lymphoblast transformation as measure of immune competence during experimental Chagas' disease

Immunological unresponsiveness

Cunningham DS; Kuhn RE
1980 J Parasitol 66 (6) Dec 881-887 Issued May 6 1981 Wa
Trypanosoma cruzi-induced suppressor substance, activation of suppressor cells

Immunological unresponsiveness

Cunningham DS; Kuhn RE; Hatcher FM
1981 Exper Parasitol 51 (1) Feb 141-151 Wa
Trypanosoma cruzi, responses by cells from infected mice to alloantigens, implications for mechanism of parasite-induced immunosuppression of cell-mediated responses

Immunological unresponsiveness

D'Alessandro PA; Clarkson AB jr
1980 Exper Parasitol 50 (3) Dec 384-396 Wa
Trypanosoma lewisi, significant reductions in ablastic activity can be achieved through adsorption of immune serum with IgG-negative trypanosomes from immunosuppressed hosts, direct evidence that ablastin is an avid and adsorbable antibody

- Immunological unresponsiveness
Dasgupta A; Shukal Bala
1978 Indian J Med Research 67 Jan 30-33 Wa
Litmosoides carinii, naturally infected rats may carry soluble antigen in their circulation, parasite can exert immunosuppressive effect in rats with high level of microfilariae in peripheral blood
- Immunological unresponsiveness
Dean JH et al
1980 J Reticuloendothel Soc 28 (6) Dec 571-583 Wm
adult exposure of female mice to therapeutic levels of diethylstilbestrol can severely impair host resistance to syngeneic tumor cells, Listeria, endotoxin, and Trichinella spiralis
- Immunological unresponsiveness
Delcourt JN et al
1979 Arch Fr Pediat 36 (9) Nov 873-884 Wm
Pneumocystis carinii, immunocompromised children, retrospective study of 33 cases to define optimal management, endobronchial brushing recommended as simple, effective, and rapid diagnostic method
- Immunological unresponsiveness
Delgado O et al
1981 Clin Immunol and Immunopathol 19 (3) June 351-359 Wm
cutaneous leishmaniasis, dialyzable leukocyte extract therapy in immunodepressed patients
- Immunological unresponsiveness
Dessein AJ et al
1981 J Exper Med 153 (2) Feb 1 423-436 Wa
Trichinella spiralis, rats, selective suppression of IgE antibody response diminishes resistance and eosinophil response to infection
- Immunological unresponsiveness
De Waele M; Thielemans C; Van Camp B
1981 N England J Med 305 (4) July 23 228 Wa
Toxoplasma gondii-infected patient, cell-surface phenotypes of peripheral lymphocytes, infection triggers proliferation and activation of T-cytotoxic or T-suppressor cells or both
- Immunological unresponsiveness
Dhar DN; Sharma RL; Bansal GC
1981 Vet Parasitol 8 (3) July 219-228 Wa
Dictyocaulus filaria, lambs, effect of inoculum size and betamethasone treatment on host survival and faecal larval production
- Immunological unresponsiveness
Diamantstein T et al
1980 Immunology 41 (2) Oct 347-352 Wa
Entamoeba histolytica extracts, mitogenicity for murine lymphocytes, possibility that impaired cell-mediated immune response in amoebiasis patients might be related to action of amoeba on T lymphocytes
- Immunological unresponsiveness
Doenhoff MJ et al
1981 Tr Roy Soc Trop Med and Hyg 75 (1) 41-53 Wa
Schistosoma mansoni, immunological control of hepatotoxicity and parasite egg excretion, stage specificity of therapeutic effect of immune serum in heavily infected T-cell deprived mice, protection assessed both by recipients' serum transaminase concentrations and degree of cytoplasmic microvesicular damage in livers
- Immunological unresponsiveness
Duncombe VM et al
1980 Austral J Exper Biol and Med Sc 58 (1) Feb 19-26 Wa
Giardia muris, mice, effect of iron deficiency, protein deficiency, and dexamethasone on infection, re-infection, and tinidazole treatment
- Immunological unresponsiveness
Duncombe VM et al
1981 Am J Clin Nutrition 34 (3) Mar 400-403 Wa
Nippostrongylus brasiliensis-infected rats fed a low protein diet, delayed worm expulsion, syngeneic bone marrow cell transfer from immune or nonimmune donors resulted in accelerated worm expulsion
- Immunological unresponsiveness
Dunne DW et al
1981 Tr Roy Soc Trop Med and Hyg 75 (1) 54-71 Wa
Schistosoma mansoni, identification and partial purification of egg antigen (ω_1) which induces in normal mice synthesis of precipitating antibodies capable of preventing development of hepatotoxic reaction and of enhancing egg excretion in heavily infected T-cell deprived recipient mice
- Immunological unresponsiveness
Eling WMC
1980 Infect and Immun 30 (3) Dec 635-641 Wa
Plasmodium berghei, mice, host strain-specific effect of splenectomy on morbidity, mortality, and immunological responsiveness, results suggest active role of spleen in generation of (immuno)pathological reaction during primary infection in intact animal
- Immunological unresponsiveness
Ellner JJ; et al
1980 J Immunol 125 (1) July 308-312 Wm
Schistosoma mansoni, humans, advanced hepatosplenic disease, suppressor splenic T lymphocytes
- Immunological unresponsiveness
Ellner JJ et al
1981 J Immunol 126 (1) Jan 309-312 Wm
Schistosoma mansoni, Egyptians with heavy infections, with light infections, and with hepatosplenomegaly, responses of peripheral blood mononuclear cells, first demonstration of inverse relationship between specific immune responsiveness to adult worm antigens and intensity of infection
- Immunological unresponsiveness
Emerson RG et al
1981 Pediatrics 67 (5) May 653-655 Wa
toxoplasmosis, neurological infection in immunologically compromised 10-year-old girl, early detection and prolonged therapy (sulfadiazine and pyrimethamine) resulted in favorable outcome, computed tomography scanning may be useful in diagnosis and follow-up
- Immunological unresponsiveness
Faghihi Shirazi M et al
1980 Parasite Immunol 2 (2) Summer 155-161 Wa
Trypanosoma brucei-infected mice, complement (C3) levels, effect of C3 depletion, unlikely that C3 has any role in immunodepression or in mechanism whereby mice control successive variant populations of T. brucei in blood

- Immunological unresponsiveness
Frankenburg S; Londner MV; Greenblatt CL
1980 Cellular Immunol 55 (1) Sept 15 185-190 Wa
Plasmodium berghei in immune and nonimmune mice, cellular changes in bone marrow, blast transformation and phagocytosis
- Immunological unresponsiveness
Frelrier PF
1980 Am J Vet Research 41 (8) Aug 1201-1207 Wa
Sarcocystis cruzi, cattle, correlation of in vitro lymphocyte function with structural changes in lymphoid tissue, results indicate that acute sarcocystosis is accompanied by lymphoid abnormality which could result in immunosuppression
- Immunological unresponsiveness
Galvao MM et al
1980 Rev Hosp Clin S Paulo 35 (2) Apr 48-51 Wm
Toxoplasma gondii, patient immunosuppressed for renal transplant, neuropsychiatric involvement, case report, clinical aspects: Brasil
- Immunological unresponsiveness
Gannon J
1980 Lab Animals 14 (3) July 189-192 Wa
Encephalitozoon cuniculi, course of infection in immunodeficient vs. immunocompetent mice, IgG and IgM antibody response, histopathology
- Immunological unresponsiveness
Garb KS; Stavitsky AB; Mahmoud AAF
1981 J Immunol 127 (1) July 115-120 Wm
Schistosoma japonicum, mice, dynamics of antigen- and mitogen-induced responses, in vitro comparison between hepatic granulomas and splenic cells, kinetics recall spontaneous modulation of various clinical and pathologic parameters in natural disease
- Immunological unresponsiveness
Gasbarre LC; Finerty JF; Louis JA
1981 Parasite Immunol 3 (3) Autumn 273-282 Wm
Trypanosoma brucei brucei-infected CBA/N mice (strain with B cell deficiency) vs. conventional mice, survival and level of parasitaemia, non-specific immune responses (polyclonal B cell activation in spleens, circulating immune complexes, immunosuppression)
- Immunological unresponsiveness
Gasbarre LC; Hug K; Louis J
1981 Clin and Exper Immunol 45 (1) July 165-172 Wa
Trypanosoma brucei brucei, mice, suppression of T lymphocyte proliferative response to T. brucei antigens by systemic trypanosome infection, results indicate that both T cells and macrophages are affected by infection
- Immunological unresponsiveness
Gastaut JA et al
1981 Nouv Presse Med 10 (16) Apr 11 1332 Wm
Leishmania donovani, 21-year-old woman in remission from acute lymphoblastic leukemia being treated with immunosuppressive drugs, acute visceral leishmaniasis: France
- Immunological unresponsiveness
de Gee ALW; Shah SM
1979 Ann Soc Belge Med Trop 59 (2) June 199-201 Wa
Trypanosoma spp., calves (exper.), immunosuppression of host's immune response may occur against a different Trypanosoma sp. or even against different variable antigenic types of the same species, preliminary communication
- Immunological unresponsiveness
Ghose AC et al
1979 Tr Roy Soc Trop Med and Hyg 73 (6) 725-726 Wa
visceral leishmaniasis, humans, phytohaemagglutinin-induced lymphocyte transformation test, suppressed T-lymphocyte function: North Bihar, India
- Immunological unresponsiveness
Green JA; Spruance SL; Cheson BD
1980 Cancer Philadelphia 45 (4) Feb 15 808-810 Wa
Toxoplasma gondii, 24-year-old man with untreated Hodgkin's disease and central nervous system toxoplasmosis, case report, toxoplasmosis successfully treated prior to initiation of anti-neoplastic therapy; previously, CNS-toxoplasmosis has been noted to complicate lymphomas after initiation of anti-neoplastic therapy, but these results suggest lymphoma per se may be a predisposing factor
- Immunological unresponsiveness
Green WF; Colley DG
1981 Proc National Acad Sc Biol Sc 78 (2) Feb 1152-1156 Wa
Schistosoma mansoni, mice, modulation of egg-induced granuloma formation, role of I-J locus in regulating suppressor T lymphocyte aspects of modulation
- Immunological unresponsiveness
Greene R
1980 Seminars Roentgenol 15 (1) Jan 50-72 Wm
opportunistic pneumonias, humans, clinical review, differential diagnosis, includes Toxoplasma, Pneumocystis, and Strongyloides
- Immunological unresponsiveness
Greenwood AM et al
1981 Ann Trop Med and Parasitol 75 (2) Apr 261-263 Wa
malaria, children from endemic area, prior treatment with chloroquine enhances antibody response to meningococcal polysaccharide vaccine but not response to tetanus toxoid or measles vaccine: Nigeria
- Immunological unresponsiveness
Griffin L; Allonby EW; Preston JM
1981 J Comp Path 91 (1) Jan 85-95 Wa
Trypanosoma congolense, Haemonchus contortus, 2 breeds of goat (Saanen x Galla and East African) varying in resistance, mixed vs. single infections, clinical and parasitological findings, immunosuppression by T. congolense may be responsible for effects observed
- Immunological unresponsiveness
Griffin L; Waghela S; Allonby EW
1980 Vet Parasitol 7 (1) June 11-18 Wa
Trypanosoma congolense-infected goats (exper.), suppression of antibody response to Brucella vaccine, recovery of antibody response following berenil treatment
- Immunological unresponsiveness
Grimfeld A et al
1981 Nouv Presse Med 10 (22) May 16 1846-1847 Wm
Pneumocystis carinii, 5-year-old immunosuppressed child, mixed infection with Chlamydia trachomatis: France

Immunological unresponsiveness

Grines C et al
1981 Arch Int Med Chicago 141 (7) June 935 Wa
Toxoplasma gondii, 2 patients with Hodgkin's
disease, Toxoplasma meningoencephalitis with
hypoglycorrhachia, diagnostic problems in
immunocompromised host

Immunological unresponsiveness

Grosskinsky CM; Askonas BA
1981 Infect and Immun 33 (1) July 149-155 Wa
Trypanosoma brucei brucei, macrophages as
primary target cells and mediators of immune
dysfunction in African trypanosomiasis

Immunological unresponsiveness

Grove DI
1980 Brit Med J (6214) 280 Mar 1 598-601 Wa
Strongyloides stercoralis, prevalence in Allied
ex-prisoners of war in south-east Asia, effi-
cacy of various diagnostic methods, clinical
manifestations, possible problems associated
with immunosuppressed subjects: Australia

Immunological unresponsiveness

Grove DI; Dawkins HJS
1981 Parasitology 83 (2) Oct 401-409 Wa
Strongyloides ratti, mice, immunosuppression
with prednisolone enhanced primary infection,
permitted infection in innately resistant mice,
and produced complex effects when administered
during challenge infection, no evidence of
autoinfection

Immunological unresponsiveness

Grun JL; Weidanz WP
1981 Nature London (5802) 290 Mar 12 143-145 Wa
Plasmodium chabaudi adami infection in B-cell-
deficient mice results in activation of T-cell-
dependent immune mechanism which terminates
acute malaria in similar way to that in immuno-
logically intact mice, these immunized B-cell-
deficient mice were resistant to homologous
challenge and P. vinckei challenge but not to
P. yoelii or P. berghei

Immunological unresponsiveness

Guerrero J
1980 J Am Vet Med Ass 176 (10) May 15 1163-1165
Wa
levamisole, pharmacokinetics, mechanism of
anthelmintic activity, immunomodulating activ-
ity and its mechanism, relevance for immuno-
suppression in parasitism

Immunological unresponsiveness

Haig DM; Lima GC; Mota I
1980 Parasite Immunol 2 (3) Autumn 175-187 Wa
Nippostrongylus brasiliensis, mice, suppression
of anti-DNP IgE, IgG1, and agglutinating anti-
bodies provided that immunization with DNP-Asc
takes place within few days after infection

Immunological unresponsiveness

Hanson WL
1981 J Protozool 28 (1) Feb 27-30 Issued June 18
Wa
suppressive and enhancing effects of various
antiprotozoal drugs on host immune response,
possible procedures for enhancing immune re-
sponse of host undergoing chemoprophylaxis or
chemotherapy, symposium presentation

Immunological unresponsiveness

Haque A et al
1981 Clin and Exper Immunol 43 (1) Jan 1-9 Wa
Dipetalonema viteae infective larvae reach re-
productive maturity in rats immunodepressed by
prior exposure to Schistosoma mansoni or its
products and in congenitally athymic rats

Immunological unresponsiveness

Haque A; Ogilvie BM; Capron A
1981 Exper Parasitol 52 (1) Aug 25-34 Wa
Dipetalonema viteae, mice, response of spleen
cells to mitogens and antigens, seems unlikely
that generalized immunodepression is major
factor contributing to long survival of D.
viteae in its host

Immunological unresponsiveness

Hatcher FM; Kuhn RE
1981 J Immunol 126 (6) June 2436-2442 Wm
Trypanosoma cruzi-infected mice, spontane-
ous lytic activity against allogeneic tumor cells
and depression of specific cytotoxic responses

Immunological unresponsiveness

Hauteville D et al
1980 Nouv Presse Med 9 (24) May 31 1713-1714
Wm
Mediterranean visceral leishmaniasis, 19-year-
old immunosuppressed male in leukemic remis-
sion: Toulon

Immunological unresponsiveness

Hayes MM; Kierszenbaum F
1981 Infect and Immun 31 (3) Mar 1117-1124 Wa
Trypanosoma cruzi, course of infection in mice
given different doses, kinetics of lymphocyte
responsiveness to mitogenic stimulation,
variations in T and B cell contents of spleen
during infection, effects of cyclophosphamide-
induced immunosuppression during chronic
infection; results indicate that
immunosuppression in mice is characteristic of
acute (but not chronic) phase of disease and
that chronicity is likely to be attained and
maintained as consequence of reestablishment
of normal immune responsiveness

Immunological unresponsiveness

Hicsonmez G et al
1979 Turk J Pediat 21 (1) Jan 24-27 Wm
Toxoplasma, 15-year-old girl, developed toxo-
plasmosis while in remission from acute lymph-
oblastic leukemia, case report, clinical
management, bactrim therapy

Immunological unresponsiveness

Hinz E; Domm S
1980 Tropenmed u Parasitol 31 (2) June 135-142
Wa
Echinococcus multilocularis, experimental in-
fection of mother mice does not result in
transfer of protective immunity to offspring,
offspring of infected mothers show lower anti-
body titer and higher worm burden than mice
born of non-infected mothers, may be due to
suppressive action of transferred antibodies or
to immunological tolerance from transfer of
parasite antigen

Immunological unresponsiveness

Hirashima M; Yodoi J; Ishizaka K
1980 J Immunol 125 (4) Oct 1442-1448 Wm
Nippostrongylus brasiliensis, rats, regulatory
role of IgE-binding factors from rat T
lymphocytes, IgE-specific suppressive factor
with IgE-binding activity

Immunological unresponsiveness

Howard JG; Hale C; Liew FY
1980 J Exper Med 152 (3) Sept 1 594-607 Wa
Leishmania tropica, nature and significance of
specific suppression of cell-mediated immunity
in highly susceptible mice

Immunological unresponsiveness

Howard JG; Hale C; Liew FY
1981 J Exper Med 153 (3) Mar 1 557-568 Wa
Leishmania tropica, prophylactic effect of sublethal irradiation as result of abrogation of suppressor T cell generation in genetically susceptible BALB/c mice

Immunological unresponsiveness

Howard RJ; Chapman CB; Mitchell GF
1980 Austral J Exper Biol and Med Sc 58 (2) Apr 201-205 Wa
Fasciola hepatica larvae, immunoglobulins are present at surface of living parasites obtained from intact, but not from nude, mice

Immunological unresponsiveness

Huether AM
1981 Tropenmed u Parasitol 32 (1) Mar 51-54 Wa
Trypanosoma cruzi, cyclophosphamide-immunosuppressed mice vs. untreated mice, course of parasitemia, parasite ultrastructure

Immunological unresponsiveness

Hunter KW jr et al
1981 Immunol Letters 2 (4) Jan 209-212 Wa
Plasmodium yoelii, mice, early enhancement of natural killer cell activity (correlated with transient early rise in serum interferon levels) followed by marked suppression later in course of infection, antibody-dependent cell-mediated cytotoxicity and responses of T and B lymphocytes to mitogens were suppressed throughout course of infection

Immunological unresponsiveness

Ibarra G; Rodriguez O; Gonzalez Ramos M
1980 Bol Med Hosp Inf Mexico 37 (2) Mar-Apr 239-246 Wm
Sarcoptes scabiei var. hominis, 16-year-old girl, case report, associated Silver Rousset's syndrome and cellular immunologic deficiency: Veracruz, Mexico

Immunological unresponsiveness

Iglezias SD
1980 Rev Hosp Clin S Paulo 35 (2) Apr 88-90 Wm
Balantidium coli and Strongyloides stercoralis mixed infections exacerbated in 44-year-old woman being treated with corticosteroids for South American pemphigus foliaceus, case report, fatal illness: Brasil

Immunological unresponsiveness

Ishizaka K et al
1981 Fed Proc 40 (8) June 2162-2166 Wm
Nippostrongylus brasiliensis, rats, regulation of IgE response by IgE binding factors, review

Immunological unresponsiveness

Itaya T et al
1980 Internat Arch Allergy and Applied Immunol 62 (4) 389-396 Wm
suppressive effects of various adjuvants on IgE antibody response of mice when given at certain times before immunization, DNP-Ascaris used as antigen

Immunological unresponsiveness

Jayawardena AN; Kemp JD
1979 Bull World Health Organ 57 suppl 1 255-259 Wa
Plasmodium yoelii and Babesia microti in CBA/N mice which carry X-linked recessive immunological defect, increased duration and severity of infections associated with markedly defective IgM antibody response to parasitized red cells and failure to produce autoantibodies to bromelain-treated mouse red blood cells

Immunological unresponsiveness

Johnson WD jr
1981 Infect and Immun 33 (3) Sept 948-949 Wa
Toxoplasma gondii, human, acute infection, chronological development of cellular immunity, dichotomy between resolution of clinical illness and responsiveness of B and T lymphocytes to toxoplasma antigens, transient period of antigen-specific immunosuppression

Immunological unresponsiveness

Jones TC
1981 Am J Path 102 (1) Jan 127-132 Wa
obligate intracellular protozoa, interactions with murine macrophages, symposium presentation: protozoal entry mechanisms and phagolysosomal system; protozoal intracellular survival and effects on macrophage function; macrophage antigen processing and genetics of immune response (includes mention of immunosuppression); lymphokine-induced microbicidal and microbistatic changes

Immunological unresponsiveness

Kar SK et al
1981 European J Immunol 11 (2) Feb 100-105 Wm
Trypanosoma congolense-infected mice, comparison of immune reactivity and cellular composition of different lymphoid organs at different stages of infection, results indicate spleen is primary site of immune depression and other lymphoid organs are very little affected

Immunological unresponsiveness

Kierszenbaum F
1981 Immunology 44 (3) Nov 641-648 Wa
Trypanosoma cruzi, mice, variation in lymphoproliferative responses to T. cruzi antigens, nature of specific immunological deficiency characteristic of acute phase of disease and no longer detectable during chronic period

Immunological unresponsiveness

Kierszenbaum F; Hayes MM
1980 Am J Trop Med and Hyg 29 (4) July 708-710 Wa
Trypanosoma cruzi, evaluation of lymphocyte responsiveness to polyclonal activators during acute vs. chronic experimental infection

Immunological unresponsiveness

Klei TR et al
1981 Acta Trop 38 (3) Sept 267-276 Wa
Brugia pahangi-infected Meriones unguiculatus, specific hypo-responsive granulomatous tissue reactions

Immunological unresponsiveness

Klei TR; McCall JW; Malone JB
1980 J Helminth 54 (3) Sept 161-166 Wa
Brugia pahangi, evidence for increased susceptibility of infected Meriones unguiculatus to subsequent homologous infections

Immunological unresponsiveness

Komissarenko VG; Shain AA
1981 Voprosy Onkol 27 (1) 36-40 Wm
patients with primary hepatic cancer and non-tumor lesions of liver, delayed hypersensitivity reactions, effect of opisthorchosis invasion (impairment of cellular immunity)

Immunological unresponsiveness

- Kwa BH; Mak JW
1980 Tr Roy Soc Trop Med and Hyg 74 (4) 522-527
Wa
Brugia malayi-infected Meriones unguiculatus, depression of delayed-type hypersensitivity responses to B. malayi antigens, normal delayed-type hypersensitivity responses to dinitrofluorobenzene, sheep red blood cells, and Dirofilaria immitis antigens

Immunological unresponsiveness

- Lajeunesse MC; Viens P
1981 Canad J Microbiol 27 (9) Sept 893-898 Wa
Trypanosoma musculli, mice, depression of immune response to heterologous antigens

Immunological unresponsiveness

- Lanken PN et al
1980 Am J Path (457) 99 (3) June 561-588 Wa
Pneumocystis carinii pneumonia, immunosuppressed rats, suitable model for study of alveolar response to infection

Immunological unresponsiveness

- Leapman SB et al
1980 South Med J 73 (10) Oct 1400-1402 Wm
Strongyloides stercoralis, hyperinfection in patients after renal transplant with graft rejection, pharmacodynamics of therapy with thiabendazole and its metabolite, drug recommended as reasonable and safe in patients with compromised renal function

Immunological unresponsiveness

- Leke R; Viens P; Davies AJS
1981 Clin and Exper Immunol 45 (3) Sept 627-632
Wa
Plasmodium chabaudi-infected normal, T cell-deprived, or nude mice, pattern of parasitaemia, some increase in virulence associated with sustained growth of organism in deprived mice, no positive evidence for modulation of antigenicity of parasite but this is suspected to be present

Immunological unresponsiveness

- Lelchuk R; Playfair JHL
1980 Clin and Exper Immunol 42 (3) Dec 428-435
Wa
Plasmodium berghei, P. yoelii, unvaccinated and vaccinated mice, non-specific immunosuppression, 2 distinct types, may be either harmful or beneficial to host depending on response concerned

Immunological unresponsiveness

- Lelchuk R; Sprott VMA; Playfair JHL
1981 Clin and Exper Immunol 45 (2) Aug 433-438
Wa
Plasmodium yoelii, P. berghei, mice, differential involvement of non-specific suppressor T cells in lethal infections, unlikely that non-specific suppression of cell-mediated immune responses is major cause of lethality

Immunological unresponsiveness

- Lewis FA; Wilson EM
1981 Infect and Immun 32 (1) Apr 260-267 Wa
Schistosoma mansoni-infected C57BL/6 vs. CBA mice, host strain differences in lymphocyte responses and in vitro suppressor cell induction

Immunological unresponsiveness

- Licois D; Coudert P
1980 Ann Recherches Vet 11 (3) 273-278 Wa
Eimeria intestinalis, rabbits (exper.), immunization, unsuccessful attempts to suppress immunity using immunodepressors, an antibiotic, Escherichia coli, and Eimeria piriformis

Immunological unresponsiveness

- Ljungstroem I
1980 Parasite Immunol 2 (2) Summer 111-120 Wa
Trichinella spiralis, responsiveness of mouse spleen cells to various polyclonal T and B cell activators during infection

Immunological unresponsiveness

- Ljungstroem I et al
1980 Infect and Immun 30 (3) Dec 734-740 Wa
Trichinella spiralis, mice, effect of parasite infection on intestinal fluid transport in concomitant enterotoxic diarrhea (cholera) and on local and systemic antibody formation to cholera toxin immunization

Immunological unresponsiveness

- Lods F
1979 Bull Soc Opht France 79 (6-7) June-July 539-541 Wm
toxoplasmosis, child treated with immunosuppressives for acute leukemia, acquired toxoplasmic chorioretinitis, case report

Immunological unresponsiveness

- Long E et al
1981 Ann Trop Med and Parasitol 75 (1) Feb 79-86 Wa
Plasmodium chabaudi infection in mice induces relative unresponsiveness to sheep erythrocytes in terms of serum antibody titres but fails to affect degree of acquired resistance to reinfection with Schistosoma mansoni, S. mansoni infection has inhibitory effects on P. chabaudi parasitaemia

Immunological unresponsiveness

- Lucas S et al
1980 Tr Roy Soc Trop Med and Hyg 74 (5) 633-643
Wa
Schistosoma mansoni-infected mice, effects of various immunosuppressive regimes on survival and liver pathology

Immunological unresponsiveness

- Lucas SB et al
1980 J Helminth 54 (2) June 75-82 Wa
Hymenolepis nana, abnormal development in immunosuppressed mice

Immunological unresponsiveness

- Macario AJL; Stahl W; Miller R
1980 Cellular Immunol 56 (1) Nov 235-239 Wm
Toxoplasma gondii, cyclic immunosuppression (to bacterial antigen) in genetic-low-responder mice but not in high-responder strain, no direct correlation between unresponsiveness and gradual lymphoid cell depletion that accompanies chronic toxoplasmosis

Immunological unresponsiveness

- Macario AJL; Stahl W; Miller R
1980 Clin and Exper Immunol 41 (3) Sept 415-422
Wa
Toxoplasma gondii, mice with chronic infection, lymphocyte subpopulations in thymus, spleen, and peripheral and mesenteric lymph nodes, physiological pattern of change with host age, pattern was distinctive for each lymphoid organ

Immunological unresponsiveness

MacAskill JA et al
1981 Immunology 43 (4) Aug 691-698 Wa
Trypanosoma brucei, mice infected with ⁷⁵Se-labelled trypanosomes, acute fulminating infections were result of inability of host to achieve effective levels of circulating antibody to cope with massive parasitaemias, not due to impaired macrophage function, no evidence that parasite caused any significant suppression of antibody responses, comparison with parasite strain which caused more chronic infection

Immunological unresponsiveness

McBride JS; Micklem HS
1981 Clin and Exper Immunol 44 (1) Apr 74-81 Wa
Plasmodium yoelii yoelii, mice, severe immunodepression of thymus-independent response to dextran, response near normal in chronic P. berghei infection

Immunological unresponsiveness

MacDermott RP et al
1980 Infect and Immun 30 (3) Dec 781-785 Wa
Plasmodium falciparum, P. vivax, naturally infected Thai adults, examination of peripheral blood mononuclear cells and sera in assays of blastogenic responsiveness to mitogenic lectins and allogeneic cell surface antigens, results indicate that blastogenic responsiveness remains intact during course of malaria infection and that patient sera is capable of exerting negative immunoregulatory effects

Immunological unresponsiveness

McDonald V; Sherman IW
1980 Clin and Exper Immunol 42 (3) Dec 421-427 Wa
Plasmodium chabaudi-immunized mice, lack of correlation between delayed-type hypersensitivity (DTH) and host resistance, DTH depression in immunized challenged mice coincided with steep rise in titre of malarial antibody

Immunological unresponsiveness

McDonald V; Sherman IW
1980 Exper Parasitol 49 (3) June 442-454 Wa
Plasmodium chabaudi, mice, immunization, protection, humoral and cell-mediated responses, passive transfer experiments, depressed delayed-type hypersensitivity reactions but increased titers of malarial antibody after challenge

Immunological unresponsiveness

Machnicka B; Choromanski L
1979 Bull Acad Polon Sc Cl II s Sc Biol 27 (9) 739-748 Wa
Trypanosoma cruzi-generated immunosuppression, influence on Hymenolepis diminuta development in mice, diminished humoral and cellular responses to H. diminuta, tapeworms not expelled

Immunological unresponsiveness

McNeely DJ et al
1980 J Rheumatol 7 (5) Sept-Oct 745-750 Wm
Strongyloides stercoralis, corticosteroid-treated patient, acute respiratory failure due to parasite infection associated with polymyositis; diagnostic alert, opportunistic pathogen in persons receiving immunosuppressive therapy

Immunological unresponsiveness

Maddison SE et al
1981 Am J Trop Med and Hyg 30 (3) May 609-615 Wa
Schistosoma mansoni, B-cell-deficient mice acquired as high a level of resistance to challenge infection as did intact control mice but had markedly suppressed IgM and IgG levels

Immunological unresponsiveness

Maleville J et al
1979 Semaine Hop Paris 55 (35-36) Oct 18-25 1641-1643 Wm
S[arcoptes] scabiei, 18-month-old infant, case report, widespread atypical erythematous and excoriated papular rash, differential diagnosis, localized rash had been treated earlier with cortisone cream

Immunological unresponsiveness

Mancini PE; Patton CL
1981 Molec and Biochem Parasitol 3 (1) May 19-31 Wa
Trypanosoma brucei brucei, parasite strain-related pattern of cyclic 3',5'-adenosine monophosphate changes during parasite developmental cycle in normal and immunosuppressed rats, possible regulatory role of cyclic AMP in differentiation of trypanosomes

Immunological unresponsiveness

Mansfield JM et al
1981 Cellular Immunol 63 (1) Sept 1 210-215 Wa
Trypanosoma rhodesiense-infected athymic nu/nu mice, depression of splenic B cell responses, suppressor macrophage is present in spleen cell preparations, results suggest that immunosuppression and splenic suppressor macrophage stimulation in experimental African trypanosomiasis are T-independent processes

Immunological unresponsiveness

Masake RA; Morrison WI
1981 Am J Vet Research 42 (10) Oct 1738-1746 Wa
Trypanosoma vivax-infected Boran cattle (exper.), spleen and lymph nodes, gross and histopathologic changes, membrane and intracytoplasmic immunoglobulin, deposits of immunoglobulin, in vitro proliferative response to mitogens of cells obtained from these organs, plasma immunoglobulin concentrations, evidence for existence of intact orderly immune response, results question relative importance of immunodepression in bovine trypanosomiasis

Immunological unresponsiveness

Matthay RA; Greene WH
1980 Med Clin North Am 64 (3) May 529-551 Wm
pulmonary infections in the immunocompromised patient, includes information on Toxoplasma gondii and Pneumocystis carinii

Immunological unresponsiveness

Mehta K et al
1980 Indian J Med Research 72 July 38-41 Wa
Wuchereria bancrofti, humans, suppression of mitogenic response to PHA and Con A

Immunological unresponsiveness

Melendez RD; Jimenez SE
1979 Acta Cien Venezolana 30 (3) 309-313 Wa
Trypanosoma vivax, outbred white rats, infection induced by chemical immunosuppression (methotrexate) and splenectomy

- Immunological unresponsiveness
Meyrier A et al
1980 Ann Med Int Paris 131 (3) 153-156 Wm
Strongyloides stercoralis, overwhelming fatal infection in immunosuppressed patient who had undergone renal transplantation, case report: France (native of Guadeloupe)
- Immunological unresponsiveness
Mikhail IA et al
1981 Am J Trop Med and Hyg 30 (2) Mar 385-393 Wa
Schistosoma mansoni, Mesocricetus auratus as animal model to study association of salmonellosis and schistosomiasis, findings suggest that direct physical relationship between bacteria and worms facilitates establishment and growth of Salmonella paratyphi A in vivo and that deficit in host immune response is not major factor involved in enhanced growth of S. paratyphi A; concurrent Leishmania donovani infections have no effect on S. paratyphi A infections
- Immunological unresponsiveness
Millard LG
1977 Acta Dermato-Venereol 57 (1) 86-88 Wm
Sarcoptes scabiei, man, development of Norwegian scabies after prolonged treatment with large quantities of steroid ointments for classical scabies, case report
- Immunological unresponsiveness
Mills JN et al
1980 Tropenmed u Parasitol 31 (3) Sept 299-312 Wa
Trypanosoma congolense in neonatal and 6-month-old calves, hemocytometer vs. cytofluorograf counts of trypanosomes in jugular blood, localization and quantitation of trypanosome in microvasculature, tests of dispersing agents (including macromolecular blood volume expanders, immunosuppressive agents, and berenil) to determine their efficacy in dislodging organisms from capillary walls
- Immunological unresponsiveness
Mitchell GF et al
1981 Austral J Exper Biol and Med Sc 59 (5) Oct 539-554 Wa
Leishmania tropica, resistance and abrogation of resistance to cutaneous leishmaniasis in reconstituted BALB/c nude mice
- Immunological unresponsiveness
Moqbel R
1980 Parasite Immunol 2 (1) Spring 11-27 Wa
Strongyloides ratti, primary, secondary, and repeated infections of rats, histopathological changes with special reference to tissue eosinophils and mesenteric mast cells, effect of immunosuppression
- Immunological unresponsiveness
Morges W; Weidanz WP
1980 Exper Parasitol 50 (2) Oct 188-194 Wa
Plasmodium yoelii, mice, T cells modulate immunodepression in vivo to pneumococcal polysaccharide, immunodepressive event involving antibody formation in vitro to sheep erythrocytes by spleen cells derived from infected mice is manifested by splenic macrophages but mediated by T cells
- Immunological unresponsiveness
Mosca W et al
1979 Acta Cien Venezolana 30 (4) 401-404 Wa
Chagasic patients without evidence of cardiomyopathy, lymphocyte blastogenesis when challenged with Trypanosoma cruzi, Leishmania brasiliensis and BCG antigens, no significant cross-reactivity nor immunosuppression demonstrated
- Immunological unresponsiveness
Murphy JR
1981 Infect and Immun 31 (1) Jan 396-407 Wa
Plasmodium berghei, P. yoelii, mice, analysis of infection-caused defects in macrophage microbicidal capacities, P. chabaudi infection did not cause similar defect
- Immunological unresponsiveness
Murphy JR; Carter PB; MacDonald TT
1980 Infect and Immun 29 (2) Aug 827-830 Wa
Plasmodium berghei, failure of vaccination with formalized blood parasites to protect athymic nu/nu mice; course of infections in vaccinated-protected nu/+ mice varied markedly
- Immunological unresponsiveness
Nair KV; Gillon J; Ferguson A
1981 Gut 22 (6) June 475-480 Wm
Giardia muris-infected mice, study of effects of corticosteroid therapy in intestinal infection shows that such treatment leads to recrudescence of occult infection, implication for human intestinal protozoan infections
- Immunological unresponsiveness
Nauta EH
1979 Immunol Aspects Infect Dis 343-387 Wa
infection in the compromised host, review, includes section on protozoal infections
- Immunological unresponsiveness
Ngwenya BZ
1980 Parasitology 81 (1) Aug 17-26 Wa
Nippostrongylus brasiliensis- or Trichinella spiralis-infected lactating vs. nulliparous mice, depressed lysophospholipase B levels in intestine, reduced numbers of bone-marrow eosinophils, relation to worm expulsion
- Immunological unresponsiveness
Nogues C et al
1980 Ann Pediat Paris 27 (4) Apr 207-216 Wm
Pneumocystis carinii and other infections causing pneumonia in immunosuppressed children, histopathology of 22 cases
- Immunological unresponsiveness
O'Donnell IJ et al
1980 Austral J Biol Sc 33 (1) Mar 27-34 Wa
Lucilia cuprina, fly-struck sheep, serum IgG antibodies to larval antigens in solid-phase radioimmunoassay, more severe myiasis in previously struck vs. unstruck sheep when subjected to standard larval challenge, immunosuppressive therapy reduces extent of myiasis
- Immunological unresponsiveness
Ogilvie BM; Askenase PW; Rose ME
1980 Immunology 39 (3) Mar 385-389 Wa
Nippostrongylus brasiliensis, Trichinella spiralis, basophils and eosinophils in 3 strains of rats and in athymic (nude) rats following infection

- Immunological unresponsiveness**
 Omeran SA et al
 1978 J Egypt Med Ass 61 (11-12) 795-802 Wm
 schistosomiasis patients with iron-deficiency
 anaemia and hypoproteinaemia, impairment of
 cell-mediated immune response when levels of
 haemoglobin fall to 10 g. or less
- Immunological unresponsiveness**
 Ottesen EA
 1979 Immune Mech and Dis 215-233 Wm; Wa
 filariasis, human, immune responses discussed
 in relation to penetration stage of infection,
 persistence of infection, and pathology, review
- Immunological unresponsiveness**
 Ottesen EA; Poindexter RW
 1980 Am J Trop Med and Hyg 29 (4) July 592-597
 Wa
 Schistosoma mansoni, human, humoral suppressive
 factors which inhibit lymphocyte proliferative
 responses to parasite antigens
- Immunological unresponsiveness**
 Paes de Oliveira M
 1977 An Brasil Dermat 52 (3)* July-Sept 353-359
 Wm
 leishmaniasis recidiva cutis, 11-year-old
 girl, clinical aspects, case report, cause un-
 known but possibly due to some disturbance of
 immunological mechanisms: Rio de Janeiro
- Immunological unresponsiveness**
 Pappas MG et al
 1981 J Clin Invest 67 (1) Jan 183-192 Wa
 Plasmodium berghei, mice, complement-mediated
 defect in clearance and sequestration of sen-
 sitized autologous erythrocytes, association
 of hypocomplementemia with major splenic
 defect in clearance late in malaria infection
 may explain accumulation of immune complexes
 in pathological sites
- Immunological unresponsiveness**
 Pearson TW et al
 1981 J Immunol 126 (3) Mar 823-828 Wm
 Trypanosoma brucei, variable surface antigens,
 studies using two-dimensional gel electropho-
 resis and monoclonal antibodies, possible ex-
 planation for role of variable antigens in
 pathogenesis of African trypanosomiasis
- Immunological unresponsiveness**
 Pelster B
 1980 Ztschr Parasitenk 63 (2) 177-189 Wa
 Toxoplasma gondii, mice infected with high
 and low virulent strains, histopathology of
 spleen, dynamics of spleen lymphocytes,
 immunosuppression following immunization with
 sheep erythrocytes
- Immunological unresponsiveness**
 Pepys MB et al
 1980 Immunology 39 (2) Feb 249-254 Wa
 Schistosoma mansoni, mice, effect of T-cell
 deprivation on formation of hepatic granulomata
 and serum levels of acute phase proteins (C3
 and serum amyloid P-component)
- Immunological unresponsiveness**
 Perez H; Pocino M; Malave I
 1981 Infect and Immun 32 (2) May 415-419 Wa
 Leishmania mexicana-infected mice, nonspecific
 immunodepression (to sheep erythrocytes),
 specific responses (as exemplified by protec-
 tive immunity to challenge infection and delay-
 ed hypersensitivity responses to parasite anti-
 gens) were apparently unaffected
- Immunological unresponsiveness**
 Perrudet-Badoux A et al
 1980 J Parasitol 66 (4) Aug 671-673 Wa
 Trichinella spiralis, course of infection in
 athymic nude rats, reaction pattern supports
 concept of thymus-dependence of host response
 to Trichinella
- Immunological unresponsiveness**
 Petchclai B; Koonakosit R; Akarawong K
 1980 Southeast Asian J Trop Med and Pub Health
 11 (1) Mar 55-57 Wa
 Entamoeba histolytica, humans with hepatic
 abscesses, leucocyte migration test demon-
 strates cell-mediated immune response, some
 evidence of immunosuppression
- Immunological unresponsiveness**
 Phillips SM et al
 1980 Am J Trop Med and Hyg 29 (5 pt 1) Sept 820-
 831 Wa
 Schistosoma mansoni, studies in athymic mice
 integrated with in vitro studies on granuloma
 formation, results indicate that resistance,
 granulomatous hypersensitivity and its modula-
 tion, and morbidity are contingent on thymus-
 dependent lymphocyte function
- Immunological unresponsiveness**
 Piessens WF et al
 1980 J Clin Invest 65 (1) Jan 172-179 Wa
 Brugia malayi, patients with different stages
 of disease, differences in cell-mediated im-
 mune responses to microfilarial and adult worm
 antigens and to nonparasite antigens, patent
 microfilaremia associated with state of specifi-
 cellular unresponsiveness, implications for
 pathogenesis: South Kalimantan (Borneo)
- Immunological unresponsiveness**
 Piessens WF et al
 1980 N England J Med 302 (15) Apr 10 833-837
 Wa
 Brugia malayi, human, presence of antigen-spe-
 cific suppressor cells and suppressor factors
 in blood
- Immunological unresponsiveness**
 Piessens WF et al
 1981 Acta Trop 38 (3) Sept 227-234 Wa
 Brugia malayi-infected patients, effect of di-
 ethylcarbamazine treatment on immune responses
 to filarial antigens, partially reverses state
 of cellular unresponsiveness to parasite anti-
 gens associated with patent filarial infections
- Immunological unresponsiveness**
 Pilz P; Blinzinger K; Sniesko I
 1978 Arch Psychiat 225 (2) June 5 127-134 Wm
 Toxoplasma gondii, 41-year-old man, case re-
 port, cerebral infection complicating Hodgkin's
 disease, indications of immunological impair-
 ment, light and electron microscopic study of
 necropsy tissue
- Immunological unresponsiveness**
 Poulter LW
 1980 Clin and Exper Immunol 40 (1) Apr 25-35
 Wa
 Leishmania enriettii, guinea pigs, intramacro-
 phage localization of parasite protects it from
 innate and some acquired resistance but does
 not prevent induction of specific cell-mediated
 and humoral immunity, metastatic spread of
 disease may be cause rather than result of
 suppressed CMI

- Immunological unresponsiveness
Poulter LW; Pearce MT
1980 Clin and Exper Immunol 42 (2) Nov 211-218
Wa
Leishmania enriettii, guinea-pigs with diffuse cutaneous leishmaniasis, development and decay of protective acquired cell-mediated immunity, loss of ability to resist challenge infection not associated with reduction in serum antibody levels, progressive disease is associated with local suppression of macrophage effector function
- Immunological unresponsiveness
Powell RW et al
1980 Arch Int Med Chicago 140 (8) Aug 1061-1063
Wa
Strongyloides stercoralis, immunosuppressed humans, 2 cases of massive lower gastrointestinal hemorrhage associated with disseminated strongyloidiasis, therapeutic recommendations including use of thiabendazole in larger than normally recommended doses
- Immunological unresponsiveness
Prasad R et al
1980 Internat J Parasitol 10 (2) Apr 93-96 Wa
Litomosoides carinii, albino rats, thiamine deficiency, greater susceptibility to infection, synergistic role in immunosuppressive effect of infection; antibody-dependent adhesion of splenic cells to microfilariae
- Immunological unresponsiveness
Prasad R et al
1980 Tr Roy Soc Trop Med and Hyg 74 (4) 459-462
Wa
Litomosoides carinii, pyridoxine-deficient albino rats, no development or establishment of parasite, inhibition of humoral immune response
- Immunological unresponsiveness
Przyjalkowski Z et al
1980 Bull Acad Polon Sc Cl II s Sc Biol 28 (1-2) 111-116 Wa
Trichinella spiralis-infected germfree and conventional mice, reactivity of lymphocytes
- Immunological unresponsiveness
Przyjalkowski Z; Cabaj W; Kontny E
1979 Bull Acad Polon Sc Cl II s Sc Biol 27 (2) 109-115 Wa
Trichinella spiralis, germfree and conventional mice treated with immunosuppressive cyclophosphamide, course of intestinal infection, low dose immunosuppressive, high dose killed parasites
- Immunological unresponsiveness
Przyjalkowski Z; Golinska Z; Bany J
1979 Bull Acad Polon Sc Cl II s Sc Biol 27 (2) 117-120 Wa
Trichinella spiralis, germfree and conventional mice, influence of immunosuppressant cyclophosphamide on serum IgM, IgG, and IgA levels
- Immunological unresponsiveness
Przyjalkowski Z; Golinska Z; Bany J
1980 Bull Acad Polon Sc Cl II s Sc Biol 28 (1-2) 71-74 Wa
Trichinella spiralis, lysozyme activity in course of experimental infection in germfree and conventional mice treated with cyclophosphamide
- Immunological unresponsiveness
Quinones Soto RA et al
1980 Bol Asoc Med Puerto Rico 72 (12) Dec 609-613 Wm
Strongyloides stercoralis, immunocompromised patients, autoinfections, clinical review
- Immunological unresponsiveness
Ramalho-Pinto FJ; Smithers SR
1981 Parasite Immunol 3 (3) Autumn 219-226 Wm
Schistosoma mansoni-infected mice, suppressor T cells in specific control of carrier response to TNP-schistosomula
- Immunological unresponsiveness
Realdi G et al
1980 Pathologica (1020) 72 July-Aug 479-489 Wm
Strongyloides stercoralis, man being treated with steroids for myeloid leukosis, fatal hemorrhagic bronchopneumonia, clinical case report: Provincia di Padova
- Immunological unresponsiveness
Rees PH et al
1981 Tr Roy Soc Trop Med and Hyg 75 (5) 630-631
Wa
Leishmania donovani, kala-azar patients, skin test response to tuberculin and leishmanin (L. tropica), negative during active disease, some conversions to positive after successful cure, suggests that active kala-azar is associated with generalized non-specific depression of cell-mediated immune responses which reverts to normal after treatment
- Immunological unresponsiveness
Reich CI; Zorzopulos J
1980 Exper Parasitol 50 (2) Oct 272-277 Wa
Boophilus microplus, cattle, production of antienzymes to larval tick phosphomonoesterases, kinetics suggest immunosuppression mechanism operates during normal infestation; antigenic ability of 2 subcellular fractions of larval extracts to induce antiphosphomonoesterases in guinea pigs
- Immunological unresponsiveness
Reid HW et al
1980 J Med Microbiol 13 (2) May 313-318 Wa
Toxoplasma gondii-infected mice, increased susceptibility to louping-ill virus
- Immunological unresponsiveness
Rocklin RE et al
1980 J Immunol 125 (5) Nov 1916-1923 Wm
Schistosoma mansoni, Kenyan children, cell-mediated (CMI) and humoral immune responses, results imply that several factors affect CMI response during course of infection including factors present in serum (possibly antigen-antibody complexes) and presence of antigen-specific suppressor cells
- Immunological unresponsiveness
Rodriguez AM et al
1981 Infect and Immun 31 (2) Feb 524-529 Wa
Trypanosoma cruzi, rats treated with anti-rabbit antiserum, immunoglobulin levels, specific anti-parasite antibodies, complement levels, parasitemia and mortality, results indicate essential role of antibodies, probably in association with complement or effector cells or both, in immunity to acute Chagas' disease

- Immunological unresponsiveness
Rose AH; Turner KJ
1980 Internat Arch Allergy and Applied Immunol
61 (3) 271-277 Wm
Balb/c mice, effect of low protein diet on IgE
antibody responses to ovalbumin and Ascaris
suum body fluid proteins
- Immunological unresponsiveness
Ruebush MJ; Hanson WL
1980 Am J Trop Med and Hyg 29 (4) July 507-515
Wa
Babesia microti of human origin in mice, resis-
tance to and recovery from primary infection is
modulated by T lymphocytes, depressed B cell
function and normal T cell function are corre-
lates of this infection
- Immunological unresponsiveness
Ruitenbergh EJ; Buys J
1980 Vet Immunol and Immunopath 1 (3) Aug
199-214 Wa
Trichinella spiralis, mice, effects of
pregnancy on course of infection and
associated histopathological changes in thymus
and small intestine (litter size, thymus
atrophy and thymus mast cells, worm expulsion,
recovery of muscle larvae, intestinal mast
cells and globule leucocytes, intestinal
eosinophils, antibody production, blood
eosinophilia)
- Immunological unresponsiveness
Rurangirwa FR et al
1980 Infect and Immun 27 (3) Mar 832-836 Wa
Trypanosoma congolense- or T. vivax-infected
Bos indicus, hemolytic complement and serum C3
levels, effect of berenil treatment, role of
low complement levels in immunosuppression re-
mains equivocal
- Immunological unresponsiveness
Rurangirwa FR et al
1980 Tropenmed u Parasitol 31 (1) Mar 105-110
Wa
Trypanosoma congolense-infected Bos indicus
(exper.), reduced primary immune response to
Leptospira biflexa immunization, secondary
response (after berenil cure and re-immuniza-
tion) suggested presence of intact memory cell
population and was lower than (but not signi-
ficantly different from) that of controls;
effect of post infection serum on in vitro
thymidine uptake by lymphocytes and on
leucocyte migration
- Immunological unresponsiveness
Rurangirwa FR et al
1980 Research Vet Sc 28 (2) Mar 264-266 Wa
Trypanosoma congolense- or T. vivax-infected
cattle showed no significant suppression of
neutralising antibody response against live
rinderpest virus vaccine
- Immunological unresponsiveness
Sacks DL et al
1980 Nature London (5746) 283 Jan 31 476-478 Wa
Trypanosoma brucei brucei, intrinsic immuno-
suppressive activity of different strains
varies with parasite virulence
- Immunological unresponsiveness
Sacks DL; Askonas BA
1980 European J Immunol 10 (12) Dec 971-974 Wa
Trypanosoma brucei-infected mice, immuno-
suppression of IgG and IgM anti-parasite
antibody responses; severity of trypanosome-
induced suppression of anti-parasite response,
and IgM response in particular, determines
course of infection by trypanosomes varying in
virulence
- Immunological unresponsiveness
St Charles MHC; Frank D; Tanner CE
1981 Immunology 43 (3) July 441-445 Wm
Trypanosoma lewisi, depressed response of
spleen cells from infected rats in producing
secondary response in vitro to sheep erythro-
cytes, ability of soluble products of trypano-
some to induce this depression
- Immunological unresponsiveness
Sandeman RM; Howell MJ
1981 Research Vet Sc 30 (3) May 294-297 Wa
Fasciola hepatica, sheep, primary and challenge
infections, serum enzyme and precipitating an-
tibody levels, worm recoveries, no resistance
to challenge, apparent suppression of antibody
response during challenge infection; recoveries
of adult flukes from rats injected with meta-
cercariae cultured in serum from normal and in-
fected sheep or with freshly excysted metacer-
cariae
- Immunological unresponsiveness
Sasazuki T et al
1980 J Exper Med 152 (2 pt 2) Aug 1 314s-318s
Wm
Schistosoma japonicum, human, association
between HLA haplotype and low responsiveness
to schistosomal worm antigen (evaluated by
measuring antigen-specific proliferative
response of peripheral T lymphocytes in vitro)
- Immunological unresponsiveness
Selkirk ME; Sacks DL
1980 Tropenmed u Parasitol 31 (4) Dec 435-438
Wa
Trypanosoma brucei, immunosuppression in 2
mouse strains which differ considerably in
their ability to survive infection, results
confirm that variation in susceptibility to
infection is related to ability to mount IgM
response
- Immunological unresponsiveness
Shimazaki C et al
1979 Rinsho Ketsueki (Japan J Clin Hematol) 20
(10) Oct 1385-1390 Wm
Clonorchis sinensis, 28-year-old woman with
acute leukemia, importance of diagnostic con-
sideration of this parasite in persons with
depressed immune state
- Immunological unresponsiveness
Smrkovski LL
1981 Infect and Immun 31 (1) Jan 408-412 Wa
Plasmodium berghei, mice, effect of route of
Mycobacterium bovis BCG administration on sup-
pression of protective immune response to
sporozoite vaccination, results suggest poten-
tial for multiple vaccine interference and
that relationships between vaccines and multi-
ple infections are deserving of special atten-
tion
- Immunological unresponsiveness
Smrkovski LL; Reed SG; Larson CL
1980 Am J Trop Med and Hyg 29 (1) Jan 16-20 Wa
Leishmania donovani, cortisone and cyclophos-
phamide suppress protective effects of BCG in
mice challenged with amastigotes
- Immunological unresponsiveness
Sollod AE; Frank GH
1979 Am J Vet Research 40 (5) May 658-664 Wa
Trypanosoma congolense, cattle (exper.),
humoral immune response to nontrypanosomal
antigens, peripheral blood lymphocyte respon-
siveness, no evidence that immunodepression is
major pathologic mechanism in acute bovine
infection

- Immunological unresponsiveness
Stemmermann GN; et al
1980 Am J Med 69 (4) Oct 637-642 Wa
Cryptosporidium [sp.], immunodeficient woman, fatal case complicated by disseminated toxoplasmosis, pathology, autopsy findings: Honolulu
- Immunological unresponsiveness
Sugar AM et al
1980 Am Rev Resp Dis 122 (3) Sept 501-503 Wa
Strongyloides stercoralis, immunosuppressed man, first report of theophylline toxicity induced by concurrent administration of thiabendazole
- Immunological unresponsiveness
Suswillo RR; Doenhoff MJ; Denham DA
1981 Acta Trop 38 (3) Sept 305-308 Wa
Brugia pahangi, successful development in T-cell deprived CBA mice
- Immunological unresponsiveness
Suswillo RR; Owen DG; Denham DA
1980 Acta Trop 37 (4) Dec 327-335 Wa
Brugia pahangi infections in conventional and nude (athymic) mice (exper.)
- Immunological unresponsiveness
Suzuki Y; Watanabe N; Kobayashi A
1981 Infect and Immun 34 (1) Oct 30-35 Wa
Toxoplasma gondii-infected mice, nonspecific suppression of primary antibody responses, presence of plastic-adherent suppressor cells
- Immunological unresponsiveness
Suzuki Y; Watanabe N; Kobayashi A
1981 Infect and Immun 34 (1) Oct 36-42 Wa
Toxoplasma gondii-infected mice, nonspecific suppression of initiation of memory cells
- Immunological unresponsiveness
Tabel H et al
1981 Tropenmed u Parasitol 32 (3) Sept 149-153 Wa
Trypanosoma vivax, T. congolense, cattle, serum levels of immunoglobulins, natural heterophile antibodies to chicken and sheep red blood cells, and complement-fixing antibodies to T. vivax, concluded that there was little evidence for polyclonal activation of lymphocytes and that decreased IgG₁ levels in T. congolense group might have been reflection of immunosuppression, complement fixation test proved to be sensitive tool for monitoring antibody response to T. vivax, analogous complement fixation test could not be set up with T. congolense
- Immunological unresponsiveness
Tamura T et al
1979 J Coll Dairying Nat Sc (17) 8 (1) Oct 89-98 Wa
Babesia gibsoni, dogs (exper.), effect of immunosuppressive treatments or splenectomy, results indicated spleen might play important role in immune mechanism and cell-mediated immunity might be related to protection
- Immunological unresponsiveness
Tanowitz HB et al
1981 Exper Parasitol 52 (2) Oct 233-242 Wa
Trypanosoma cruzi, susceptible mouse strains showed inhibition or depression of primary antibody response to sheep red blood cells whereas resistant mouse strains showed either no inhibition or considerable augmentation of this response; mitogenic responses of spleen cells in vitro did not correlate with resistance or susceptibility in vivo
- Immunological unresponsiveness
Tarleton RL; Kuhn RE; Cunningham DS
1981 Infect and Immun 31 (2) Feb 693-697 Wa
Trypanosoma cruzi, vaccination of highly susceptible C3H mice with mitomycin C-attenuated culture forms, induction of immunosuppression but not protection
- Immunological unresponsiveness
Taylor DW et al
1980 Infect and Immun 28 (2) May 502-507 Wa
Plasmodium knowlesi in Macaca mulatta, alterations in distribution and proliferative responses of peripheral blood and spleen cells during infection
- Immunological unresponsiveness
Teixeira ARL
1979 Bull World Health Organ 57 (5) 697-710 Wa
Trypanosoma cruzi, humans, immune mechanisms, trends in immunological research, and prospects for immunoprophylaxis, review
- Immunological unresponsiveness
Teuber J; Brehm H; Stumpf J
1979 Immun u Infekt 7 (6) Dec 213-221 Wm
Trichinella spiralis, human, brief review (of history, epidemiology, biology and transmission, immunology, different diagnostic methods); evaluation of modified indirect immunofluorescence test; lymphocyte transformation test, evidence for immunosuppressive effect produced by adult worms
- Immunological unresponsiveness
Thompson JP et al
[1980] J Parasitol 65 (6) Dec 1979 966-969 Issued Apr 2 Wa
Dipetalonema viteae transplanted into CBA/H vs. CBA/N mice (latter strain does not produce antibody to certain T independent immunogens), clearance of microfilariae and serum antibody response
- Immunological unresponsiveness
Thompson JP et al
1981 J Parasitol 67 (5) Oct 728-730 Wa
Brugia malayi, efficient clearance of injected microfilariae in CBA/H mice in contrast to prolonged microfilaremia in CBA/N mice, CBA/N mice have delayed IgG and deficient IgM response in comparison to CBA/H mice, development of acquired resistance in CBA/H but not in CBA/N mice
- Immunological unresponsiveness
Tizard IR; Mittal KR; Nielsen K
1980 Research Vet Sc 28 (2) Mar 203-206 Wa
Trypanosoma congolense, calves (exper.), no rise in immunoglobulin (IKS) levels, trypanosome infection inhibited IKS response to Brucella abortus strain 19, possible reasons
- Immunological unresponsiveness
Todd CW; Goodgame RW; Colley DG
1980 Am J Trop Med and Hyg 29 (5 pt 1) Sept 875-881 Wa
Schistosoma mansoni, human, further analysis of interactions between patient sera and lymphocytes during in vitro blastogenesis to schistosome antigen preparations, results show that expression of suppressive effects of chronic serum depends both on capacity of sera to suppress and capability of peripheral blood mononuclear cells to be suppressed

- Immunological unresponsiveness
Trizio D; Della Bruna C; Isetta AM
1980 Immunology 40 (3) July 353-358 Wa
Schistosoma mansoni in different strains of mice, time course of modification of immune responsiveness after cercarial exposure: antibody response, mitogen responsiveness, delayed hypersensitivity; both immunostimulation and immunodepression observed
- Immunological unresponsiveness
Turk JL
1979 Immunol Aspects Infect Dis 421-452 Wa
immunology of chronic infections, review, includes sections on protozoal and helminthic infections
- Immunological unresponsiveness
Ueda K et al
1977 Japan J Exper Med 47 (6) Dec 475-482 Wa
Pneumocystis carinii as cause of chronic fatal pulmonary disease in nude mice of barrier sustained colony, heterozygous littermates were much less susceptible but infection could be produced by provocation with immunosuppressants, age distribution of infections, clinical observations, histopathology, experimental transmission experiments with nu/nu and nu/+ mice with and without immunosuppressants
- Immunological unresponsiveness
Ueda N et al
1979 Acta Path Japon 29 (2) Mar 221-232 Wm
Pneumocystis carinii pneumonia, opportunistic infection in man with adult T-cell leukemia and generalized cytomegalic inclusion disease, autopsy case report: Kochi, Shikoku Island, Japan
- Immunological unresponsiveness
Urdaneta-Morales S; McLure I
1981 Acta Trop 38 (2) June 99-105 Wa
Trypanosoma cruzi, infections established in some lizards by inoculation from cultures and by immuno-suppression but not by blood from infected mice, feces from infected bugs, or forced feeding on ground-up infected bugs, possible factors responsible for natural resistance of poikilothermic vertebrates to T. cruzi
- Immunological unresponsiveness
Urquhart GM
1980 Tr Roy Soc Trop Med and Hyg 74 (6) 726-729 Wa
African trypanosomiasis in domestic animals, pathogenesis (anemia, tissue lesions, immunosuppression), immunology (prospects for vaccination, 'non-sterile immunity'), symposium presentation
- Immunological unresponsiveness
Van Dam RH et al
1981 Vet Parasitol 8 (1) Feb 1-11 Wa
Trypanosoma vivax, goats (exper.), suppression of humoral and cell-mediated immunity
- Immunological unresponsiveness
Venizelos PC et al
1980 Chest 78 (1) July 104-106 Wm
Strongyloides stercoralis, cause of respiratory failure in a male patient (bronchial biopsy, bronchial brushing) with a renal transplant, clinical aspects of primary treatment (thiabendazole) and prophylaxis: Chicago (from Puerto Rico)
- Immunological unresponsiveness
Vinayak VK; Bhatia A; Aggarwal A
1981 Indian J Med Research 73 Suppl Jan 67-72 Wa
Plasmodium berghei-infected mice immunodepressed with cortisone or whole body irradiation, immunodepression afforded protection against parasite
- Immunological unresponsiveness
Vincent AL; Sodeman WA jr; Winters A
1980 J Parasitol 66 (3) June 448 Wa
Brugia pahangi infections in normal vs. nude mice, results suggest resistance is directed against immature stages and depends upon presence of T-lymphocytes
- Immunological unresponsiveness
Walkey M; Simmons DJC; Nasher AK
1980 J Parasitol 66 (3) June 420-423 Wa
Hymenolepis straminea, attempted infection of various rodent species, attempted infection of laboratory mice with reduced immunocompetence, results suggest role of thymus in protection
- Immunological unresponsiveness
Walzer PD; Rutledge ME
1981 J Lab and Clin Med 97 (6) June 820-833 Wa
Pneumocystis carinii, rats, antibody titers and immunoglobulin levels in serum and bronchial lavage fluid, effects of steroid administration, steroid withdrawal, and prolonged environmental exposure to P. carinii on development of these humoral immune responses
- Immunological unresponsiveness
Wang T et al
1980 Acta Cytol 24 (1) Jan-Feb 40-43 Wa
Strongyloides stercoralis, hyperinfected immunosuppressed 60-year-old male, diagnosis in sputum cytology: Hines VA Medical Center, Hines, Illinois
- Immunological unresponsiveness
Webster ADB
1980 Tr Roy Soc Trop Med and Hyg 74 (4) 440-443 Wa
giardiasis and immunodeficiency diseases, review
- Immunological unresponsiveness
Wedderburn N et al
1981 Ann Trop Med and Parasitol 75 (6) Dec 597-605 Wa
Plasmodium yoelii, contrasting effects of infection on growth of 2 syngeneic transplantable murine tumours, results indicate malaria is not universal enhancing agent of oncogenesis and tumour growth but appears to facilitate induction and growth of virus-induced lymphomas
- Immunological unresponsiveness
Weil GJ; Ottesen EA; Powers KG
1981 Exper Parasitol 51 (1) Feb 80-86 Wa
Dirofilaria immitis, dogs (exper.), parasite-specific humoral (IgG (enzyme-linked immunosorbent assay) and IgE (passive cutaneous anaphylaxis) titers) and cellular (lymphocyte transformation) immune responses, results consistent with observations in other host-parasite systems which suggest that in chronic tissue helminth infections cellular responses to parasite antigens are depressed while antibody reactions to the same antigens are relatively preserved

- Immunological unresponsiveness
Weller IVD; Copland P; Gabriel R
1981 Brit Med J (6263) 282 Feb 14 524 Wa
Strongyloides stercoralis, infections in renal
transplant recipients, case reports: England
(Guyanese recipients)
- Immunological unresponsiveness
Wellhausen SR; Mansfield JM
1980 Cellular Immunol 54 (2) Sept 1 414-424 Wa
Trypanosoma rhodesiense, mice, characteristics
of splenic suppressor cell-target cell inter-
action
- Immunological unresponsiveness
Wellhausen SR; Mansfield JM
1980 J Immunol 124 (3) Mar 1183-1186 Wm
Trypanosoma rhodesiense, mice, lymph node cell
responsiveness becomes depressed later during
infection than spleen cell responsiveness and
does not result from detectable suppressor cell
effects, responsiveness in spleen and lymph
nodes is restored in animals cured with berenil
- Immunological unresponsiveness
Wells RA et al
1980 Clin and Exper Immunol 39 (3) Mar 663-667
Wm
Plasmodium falciparum- or P. vivax-infected
Thai adults, cold-reactive anti-lymphocytotoxic
antibodies in sera, may play role in modulating
immune response of patients toward malaria
- Immunological unresponsiveness
West BC; Wilson JP
1980 Am J Ophth Chicago 89 (6) June 854-857 Wa
Strongyloides stercoralis, 57-year-old man
treated with corticosteroids for corneal ulcer,
hyperinfective strongyloidiasis of stomach and
duodenum that resulted in physiologic gastric
outlet obstruction, clinical case report
- Immunological unresponsiveness
Whitelaw DD et al
1980 Infect and Immun 27 (3) Mar 707-713 Wa
Trypanosoma congolense in susceptible mouse
strain vs. trypanotolerant mouse strain, host
survival, parasitemia and anemia, erythrocyte
survival, plasma and erythrocyte volumes,
blood biochemistry, immunoglobulin levels,
immunosuppression, infectivity neutralization
tests on sera, results indicate ability of
resistant mice to survive is dependent on hu-
moral antibody
- Immunological unresponsiveness
Wijesundera MS
1980 Tr Roy Soc Trop Med and Hyg 74 (2) 216-220
Wa
Entamoeba histolytica, hepatic amoebiasis in
immunodepressed mice
- Immunological unresponsiveness
Wilson WB; Sharpe JA; Deck JHN
1980 Am J Ophth Chicago 89 (5) May 714-718 Wa
Toxoplasma gondii, patients with central ner-
vous system infections who were on immunosup-
pressive therapy, oculomotor nerve palsy and
visual loss caused by cerebral involvement,
case reports, clinical aspects
- Immunological unresponsiveness
Wylter DJ
1979 Bull World Health Organ 57 suppl 1 239-243
Wa
malaria, cellular aspects of immunoregulation,
review
- Immunological unresponsiveness
Yodoi J; Hirashima M; Ishizaka K
1981 J Immunol 127 (2) Aug 471-476 Wm
lymphocytes bearing Fc receptors for IgE, sup-
pressive effect of glucocorticoids on expres-
sion of Fc receptors and glycosylation of IgE-
binding factors, includes experiments using
Nippostrongylus brasiliensis-infected rats
- Immunological unresponsiveness
Yoo TJ; Bennett M
1981 Internat Arch Allergy and Applied Immunol
65 (2) 235-238 Wm
IgE response to Ascaris antigen was suppressed
in mice infected with either herpes simplex
virus type 2 or Friend erythroleukemia virus
- Immunological unresponsiveness
Zaino EC; Amelkin S
1981 N York State J Med 81 (3) Mar 384 Wm
babesiosis, man, probably infected when bitten
by tick while on camping trip, brief case re-
port; importance of babesiosis infection in
persons who have had splenectomy or who are
immunosuppressed
- Immunological unresponsiveness
Zardi O; Poccia A
1980 Biochem and Exper Biol 16 (3) 295-299 Wa
antitoxoplasmic antibody titer is lower in
pregnant than in nonpregnant women
- Immunological unresponsiveness
van Zon AAJC; Eling WMC
1980 Infect and Immun 28 (2) May 630-632 Wa
Plasmodium berghei, mice, depressed malarial
immunity during pregnancy, malaria-associated
prematurity and abortion
- Immunological unresponsiveness
van Zon AAJC; Eling WMC
1980 Tropenmed u Parasitol 31 (4) Dec 402-408
Wa
Plasmodium berghei, mice of several strains,
pregnancy-associated recrudescence/immunode-
pression in immune hosts with persisting para-
sites, differences between grvida I and gravi-
da II, some mice that did not develop recrudesc-
ence exhibited pregnancy-associated clearance
of persisting parasites
- Immunomodulation See Immunological unresponsive-
ness; Immunopotentialion
- Immunopathology
Abramowsky CR et al
1981 Am J Path (470) 104 (1) July 1-12 Wa
Dirofilaria immitis-infected dogs (exper.),
immunopathology of filarial nephropathy, prob-
ably of filaria-antibody immune-complex
origin, possible role of diethylcarbamazine
therapy
- Immunopathology
Adam C et al
1981 Infect and Immun 31 (2) Feb 530-535 Wa
Plasmodium falciparum, human, presence of cir-
culating immune complexes, IgG-IgM cryoglobu-
linemia, and complement consumption is associ-
ated with cerebral malaria and very rarely with
uncomplicated infection, intensity of immune
response and of associated complement activa-
tion may be important factors in pathogenesis
of cerebral malaria

- Immunopathology
Aikat BK et al
1979 Indian J Med Research 70 Oct 571-582 Wa
kala-azar, early and late stages, patients, haematological findings, bone marrow picture, presence of complement (C3) on red blood cells demonstrated using anti C3, autoimmune mechanisms may be involved in anemia
- Immunopathology
Aikawa M et al
1981 Am J Trop Med and Hyg 30 (1 pt 1) Jan 84-91 Wa
Dirofilaria immitis, dogs (exper.), glomerulonephropathy, possible immunopathogenic mechanisms (in situ formation of immune complexes in glomerular basement membrane)
- Immunopathology
Akpom CA
1981 Tr Roy Soc Trop Med and Hyg 75 (3) 444-446 Wa
Schistosoma mansoni, response induced in normal healthy mice by eggs that were recovered from severely protein-deficient mice, concluded that suppression of host cellular immunity may not be only factor that explains suppression of granulomatous response to eggs in severe protein malnutrition
- Immunopathology
Amsden AF; Boros DL; Hood AT
1980 Infect and Immun 27 (1) Jan 75-80 Wa
Schistosoma mansoni-infected athymic nude mice, etiology of liver granulomatous response
- Immunopathology
Arnesen K; Nordstoga K
1977 Acta Opth 55 (4) Aug 641-651 Wm
Encephalitozoon cuniculi in Alopex lagopus, cause of ocular vascular lesions of polyarteritis nodosa type and of cataracts, clinical pathology, possibly autoimmune reaction: Finland
- Immunopathology
Asaishi K et al
1980 Gastroenterol Japon 15 (2) Apr 120-127 Wm
Anisakis-infected guinea pigs and rabbits, 3 types of allergic immunological reactions of digestive tract induced by larvae, these reactions may play main role in clinical symptoms of human anisakiasis
- Immunopathology
Asaishi K et al
1980 Gastroenterol Japon 15 (2) Apr 128-134 Wm
Anisakis, humans, epidemiologic study of inhabitants and questionnaire survey, results show that the etiologic mechanism of acute infection involves anaphylactic reaction as well as Arthus reactions in the digestive tract: Japan
- Immunopathology
Azulay RD
1977 An Brasil Dermat 52 (3) July-Sept 345-352 Wm
Leishmania, humans, classification according to immuno-pathological reactions (allergic and non-allergic)
- Immunopathology
Banks KL
1980 J Parasitol 66 (1) Feb 34-37 Wa
Trypanosoma congolense adhesion to host red blood cells followed by immune response to parasite may damage infected host by 'innocent bystander' mechanisms
- Immunopathology
Barreira AA; Said G; Krettli AU
1981 Tr Roy Soc Trop Med and Hyg 75 (5) 751 Wa
Trypanosoma cruzi, mice, chronic infection, multifocal demyelinative lesions of peripheral nerves, may be result of immune process
- Immunopathology
Bocanegra TS et al
1981 Ann Int Med 94 (2) Feb 207-209 Wa
Strongyloides stercoralis, Taenia saginata, patients with arthritis, evidence of abnormal humoral immunity to parasites, immune complexes in serum and synovial fluid, and immunoglobulin deposits in synovia, anti-inflammatory agents were ineffective but specific antiparasitic treatment resulted in resolution of symptoms and immunologic abnormalities, findings suggest that arthritis induced by parasitic infestation may be mediated by immune complex formation in susceptible hosts
- Immunopathology
Boros DL; Lande MA; Carrick L jr
1981 Clin Immunol and Immunopath 18 (2) Feb 276-286 Wm
Schistosoma mansoni, mice, collagen synthesis during cell-mediated granulomatous response as determined in explanted pulmonary granulomas
- Immunopathology
Bourdais A; Mayere JP; Klotz F
1980 Dakar Med 25 (3) 234-247 Wm
Plasmodium falciparum, humans, acute renal insufficiency with azotemia, clinical aspects, possible importance of circulating immune complexes in pathogenesis
- Immunopathology
Brener Z
1980 Advances Parasitol 18 247-292 Wa
Trypanosoma cruzi, human, immunity, extensive review: antigenic constitution; natural immunity; humoral immune response (immunoglobulins; role of antibodies in host resistance; spleen and host resistance; complement; interferon); cell-mediated immune response (tests in vitro; delayed hypersensitivity; CMI and resistance; cytotoxicity mechanisms; macrophages); effects of immunosuppressors in Chagas' disease; immunodepression in course of Chagas' disease; evasion of immune response; auto-immune reactions; vaccination
- Immunopathology
Brito E et al
1979 Rev Inst Med Trop S Paulo 21 (3) May-June 119-124 Wm
S[chistosoma] mansoni, patients with and without nephropathy, circulating immune complex levels correlated with type of glomerular lesions, and with glomerular deposits of immunoglobulin, C₃, and fibrin
- Immunopathology
Carlier Y; Bout D; Capron A
1980 Tr Roy Soc Trop Med and Hyg 74 (4) 534-538 Wa
Schistosoma mansoni-infected Mesocricetus auratus, detection of M antigen in circulating immune complexes and in kidneys, possible role in aetiology of glomerulonephritis
- Immunopathology
Casali P; Perrin LH; Lambert PH
1979 Immunol Aspects Infect Dis 295-342 Wa
immune complexes and tissue injury, review, includes section on parasitic diseases

Immunopathology

Chensue SW; Boros DL; David CS
1980 J Exper Med 151 (6) June 1 1398-1412 Wa
Schistosoma mansoni, mice, regulation of granulomatous inflammation, in vitro characterization of T lymphocyte subsets involved in production and suppression of migration inhibition factor

Immunopathology

Chensue SW; Wellhausen SR; Boros DL
1981 J Immunol 127 (1) July 363-367 Wm
Schistosoma mansoni-infected mice, participation of Ly 1⁺ and Ly 2⁺ T lymphocytes in suppression of granuloma formation and lymphokine production

Immunopathology

Colley DG; Kayes SG
1979 6 Internat Convoc Immunol 268-273 Wm; Wa
schistosomiasis, immunopathology and immunoregulation, review

Immunopathology

Contreras CE et al
1980 Clin and Exper Immunol 42 (3) Dec 403-411 Wa
Plasmodium berghei in 5 strains of mice. immunopathological aspects: course of infection, detection of soluble malarial antigens, serum-specific antibody levels, circulating immune complexes, serum C3 levels, infection of nude mice

Immunopathology

Cossermelli W et al
1978 Ann Rheumatic Dis 37 (3) June 277-280 Wm
Trypanosoma cruzi, polymyositis marked clinical onset of Chagas disease in woman with rheumatoid arthritis, humoral immune system may play role in this pathogenesis

Immunopathology

Cossio PM et al
1980 Medicina Buenos Aires 40 Suppl (1) 222-230 Wm
Chagas disease, immunopathology, facts and perspectives, review

Immunopathology

Desjeux P et al
1980 Am J Trop Med and Hyg 29 (2) Mar 195-198 Wa
cutaneous and mucocutaneous leishmaniasis, human, investigation of circulating immune complexes (CIC), anti-IgG, anti-DNA, and anti-collagen autoantibodies, data suggest association between development of espundia (Leishmania b. braziliensis) and appearance of CIC and anti-IgG antibodies

Immunopathology

Dunn MA
1981 Biochem Parasites (Slutzky) 191-199 Wa
Schistosoma mansoni, S. japonicum, host liver fibrosis, review: substrate regulation by proline of collagen synthesis, process of collagenolysis and potential reversibility of liver fibrosis, mediators of fibrogenesis in liver

Immunopathology

Ehrich JH et al
1981 Contrib Nephrol 24 122-133 Wm
Plasmodium falciparum, P. vivax, cause of proteinuria, humans, possibly involves transient immunological impairment of kidneys

Immunopathology

Eling WMC
1980 Infect and Immun 30 (3) Dec 635-641 Wa
Plasmodium berghei, mice, host strain-specific effect of splenectomy on morbidity, mortality, and immunological responsiveness, results suggest active role of spleen in generation of (immuno)pathological reaction during primary infection in intact animal

Immunopathology

Ellner JJ et al
1981 J Immunol 126 (1) Jan 309-312 Wm
Schistosoma mansoni, Egyptians with heavy infections, with light infections, and with hepatosplenomegaly, responses of peripheral blood mononuclear cells, first demonstration of inverse relationship between specific immune responsiveness to adult worm antigens and intensity of infection

Immunopathology

Facer CA
1980 Clin and Exper Immunol 39 (2) Feb 279-288 Wm
Plasmodium falciparum, Gambian children, association between direct Coombs antiglobulin positivity and malaria, antigen specificity of erythrocyte-bound IgG, mechanism of erythrocyte sensitization, results add to and confirm major role of immune complex formation in immunopathology of falciparum malaria

Immunopathology

Facer CA
1980 Clin and Exper Immunol 41 (1) July 81-90 Wa
Plasmodium falciparum, Gambian children, direct antiglobulin reactions, IgG subclass and Gm allotype distribution of red cell-bound IgG molecules, association with anemia

Immunopathology

Fanning MM et al
1981 J Infect Dis 144 (2) Aug 148-153 Wa
Schistosoma mansoni, course of infection studied in various inbred strains of mice (according to degree of portal hypertension, granuloma size, organomegaly), data indicate that immunopathology associated with parasitic infection in mice is influenced by genetic background of host and is dependent in part on cell-mediated immunity

Immunopathology

Frankenburg S; Londner MV; Greenblatt CL
1980 Cellular Immunol 55 (1) Sept 15 185-190 Wa
Plasmodium berghei in immune and nonimmune mice, cellular changes in bone marrow, blast transformation and phagocytosis

Immunopathology

Galbraith RM et al
1980 Tr Roy Soc Trop Med and Hyg 74 (1) 61-72 Wa
Plasmodium falciparum-infected human placenta, histological, ultrastructural, and immunopathological studies

Immunopathology

Garb KS; Stavitsky AB; Mahmoud AAF
1981 J Immunol 127 (1) July 115-120 Wm
Schistosoma japonicum, mice, dynamics of antigen- and mitogen-induced responses, in vitro comparison between hepatic granulomas and splenic cells, kinetics recall spontaneous modulation of various clinical and pathologic parameters in natural disease

Immunopathology

Gasbarre LC; Finerty JF; Louis JA
1981 Parasite Immunol 3 (3) Autumn 273-282 Wm
Trypanosoma brucei brucei-infected CBA/N mice
(strain with B cell deficiency) vs. conven-
tional mice, survival and level of parasit-
aemia, non-specific immune responses (poly-
clonal B cell activation in spleens, circ-
ulating immune complexes, immunosuppression)

Immunopathology

Goldstein SM; Izaki S; Epstein WL
1979 Thromb Research 16 (5-6) 727-735 Wm
schistosomiasis-infected mice, inhibition of
plasminogen activator associated with chronic
granulomatous inflammation

Immunopathology

Goodger BV et al
1980 Internat J Parasitol 10 (1) Feb 33-36 Wa
Babesia bovis, composition and location of
antigen associated with infected erythrocytes,
suggested that babesial enzyme-fibrinogen com-
plex contributes to pathological changes of
infection

Immunopathology

Green WF; Colley DG
1981 Proc National Acad Sc Biol Sc 78 (2) Feb
1152-1156 Wa
Schistosoma mansoni, mice, modulation of
egg-induced granuloma formation, role of I-J
locus in regulating suppressor T lymphocyte
aspects of modulation

Immunopathology

Greenwood BM; Whittle HC
1980 Tr Roy Soc Trop Med and Hyg 74 (6) 716-725
Wa
sleeping sickness, human, clinical features,
laboratory abnormalities, pathological changes,
speculations about pathogenesis with emphasis
on immunopathology (immediate hypersensitivity,
autoantibodies, immune complexes), hypothesis
suggesting dominant role for B lymphocyte
proliferation in pathogenesis, symposium pre-
sentation

Immunopathology

Grosshans E et al
1980 Ztschr Hautkrankh 55 (18) Sept 15 1211-
1218 Wm
rosacea, human, immunological reactions to
Demodex caprae antigens, histogenesis of
granulomatous lesions provoked by demodectic
fragments in facial skin in rosacea could be
based on immunological mechanism, topical
acaricides may be useful in treatment

Immunopathology

Grosskinsky CM; Askonas BA
1981 Infect and Immun 33 (1) July 149-155 Wa
Trypanosoma brucei brucei, macrophages as
primary target cells and mediators of immune
dysfunction in African trypanosomiasis

Immunopathology

Groupe de Travail Scientifique sur la Filariose
1981 Bull World Health Organ 59 (2) 205-212 Wa
Wuchereria bancrofti, Brugia malayi, B. timori,
current knowledge on various aspects of immuno-
diagnosis, immunopathology, and immunization,
review

Immunopathology

Gustowska L; Ruitenberg EJ; Elgersma A
1980 Parasite Immunol 2 (2) Summer 133-154 Wa
Trichinella spiralis, thymus-bearing vs. con-
genitally athymic mice, histological changes in
gut, tongue, and 3 lymphoid tissues with spe-
cial attention to eosinophils, specific anti-
body production

Immunopathology

Helmy-Khalil S jr et al
1979 Tropenmed u Parasitol 30 (4) Dec 426-428
Wa
S[chistosoma] mansoni, human, hepato-splenic
disease vs. simple intestinal infection, cell
mediated immune (CMI) responses assessed using
delayed intradermal and migration inhibition
tests with soluble egg antigens, findings sug-
gest relationship between CMI responsiveness
and clinicopathological manifestations

Immunopathology

Hiatt RA et al
1980 J Infect Dis 142 (5) Nov 665-670 Wa
Schistosoma mansoni, patients with acute
infections, serial observations of circulating
immune complexes before and after niridazole
therapy, these complexes may play role in
pathogenesis of clinical syndrome of acute
disease

Immunopathology

Hoefling KK; Schroeter AL
1980 J Am Acad Dermat 3 (3) Sept 237-240 Wm
Sarcoptes scabiei, humans, direct immunofluor-
escence of scabies lesions revealed IgM, IgA,
C₃, and fibrin in cornified layer of epidermis,
dermoepidermal junction, and papillary dermal
vessels, findings support a humoral immune
response secondary to scabetic infestation

Immunopathology

Hoffmann R; Schmid DO; Hoffmann-Fezer G
1981 Vet Immunol and Immunopath 2 (2) Apr
111-119 Wa
Eperythrozoon suis, pigs, acquired autoimmune
hemolytic anemia due to 'cold' antibodies

Immunopathology

Hood AT; Boros DL
1980 Am J Trop Med and Hyg 29 (4) July 586-591
Wa
Schistosoma mansoni, mice, effect of splenecto-
my on pathophysiology, humoral and cell-medi-
ated granulomatous responses, and liver fibro-
sis

Immunopathology

Houba V
1981 Developments Immunol 14 293-299 Wa
schistosomiasis, human, hypersensitivity re-
actions with special emphasis on their rela-
tion to clinical manifestations of this dis-
ease and to immunodiagnosis, brief review

Immunopathology

Hudson L
1981 Tr Roy Soc Trop Med and Hyg 75 (4) 493-498
Wa
Trypanosoma cruzi, modelling the host and the
parasite (in vivo and in vitro studies),
immune response (immunity to infection, im-
munity and pathogenesis, immunization and
immunoprophylaxis), monoclonal antibodies as
immunological tools, review

Immunopathology

- Kaushik SP et al
1977 Am J Gastroenterol 68 (1) July 64-70 Wm
Entamoeba histolytica, guinea pigs, assessment
of immunologic role of hypersensitivity in
formation of amebic granulomas

Immunopathology

- Khoury PB; Phillips SM
1981 Am J Trop Med and Hyg 30 (2) Mar 394-401
Wa
Schistosoma mansoni, mice, cellular responses
of lymphoid organs that drain pulmonary and
hepatic phases of primary infection and also
cellular responses of spleen: kinetics and
characterization of T and B rosette forming
cells, kinetics and characterization of B cell
subpopulations (capacity to form rosette form-
ing cells, rosette-antibody forming cells, and
plaque forming cells; nature of surface and/or
secreted immunoglobulins), these local immune
responses seem to occupy significant role in
mediation of protective immunity and host mor-
bidity

Immunopathology

- Klei TR et al
1981 Acta Trop 38 (3) Sept 267-276 Wa
Brugia pahangi-infected Meriones unguiculatus,
specific hypo-responsive granulomatous tissue
reactions

Immunopathology

- Koster FT et al
1981 J Clin and Lab Immunol 5 (3) May 153-157
Wa
amebic dysentery, human, occurrence of circu-
lating immune complexes, role in mediating
tissue injury difficult to assess

Immunopathology

- Le Bras M et al
1980 Med Trop 40 (1) Jan-Feb 67-70 Wm
Schistosoma mansoni, S. japonicum, humans,
glomerular nephropathy, general clinical re-
view

Immunopathology

- Lefrancois G et al
1981 Lancet London (8248) 2 Sept 26 661-663 Wa
Plasmodium falciparum, Gabon natives with
chronic infections, and anti-erythrocyte auto-
immunisation with anti-I specificity, possible
associated interaction between I antigen and
Plasmodium which facilitates penetration of the
erythrocytes by malarial parasites: France

Immunopathology

- Lelchuk R; Playfair JHL
1980 Clin and Exper Immunol 42 (3) Dec 428-435
Wa
Plasmodium berghei, P. yoelii, unvaccinated
and vaccinated mice, non-specific immunosup-
pression, 2 distinct types, may be either
harmful or beneficial to host depending on
response concerned

Immunopathology

- Lelchuk R; Sprott VMA; Playfair JHL
1981 Clin and Exper Immunol 45 (2) Aug 433-438
Wa
Plasmodium yoelii, P. berghei, mice, differ-
ential involvement of non-specific suppressor
T cells in lethal infections, unlikely that non-
specific suppression of cell-mediated immune
responses is major cause of lethality

Immunopathology

- Lindsley HB et al
1980 Am J Trop Med and Hyg 29 (3) May 348-357
Wa
Trypanosoma rhodesiense in 5 strains of inbred
rats, variable severity of glomerulonephritis,
correlation with immunoglobulin class-specific
antibody responses to trypanosomal antigens and
total IgM levels, circulating immune complexes

Immunopathology

- Lindsley HB et al
1981 Infect and Immun 33 (2) Aug 407-414 Wa
Trypanosoma rhodesiense, rabbits, detection and
composition of immune complexes (trypanosomal
antigens, IgG, IgM, C3), serum IgM and IgG
antibodies to trypanosomes, total IgM and IgG

Immunopathology

- Lowenthal MN et al
1980 Tr Roy Soc Trop Med and Hyg 74 (1) 91-98
Wa
massive splenomegaly, analysis of 344 human
cases, causes include tropical splenomegaly
syndrome of malarial aetiology and hepatic
schistosomiasis: Northern Zambia

Immunopathology

- Lucas S et al
1980 Tr Roy Soc Trop Med and Hyg 74 (5) 633-643
Wa
Schistosoma mansoni-infected mice, effects of
various immunosuppressive regimes on survival
and liver pathology

Immunopathology

- Macario AJL; Stahl W; Miller R
1980 Clin and Exper Immunol 41 (3) Sept 415-422
Wa
Toxoplasma gondii, mice with chronic infection,
lymphocyte subpopulations in thymus, spleen,
and peripheral and mesenteric lymph nodes,
physiological pattern of change with host age,
pattern was distinctive for each lymphoid organ

Immunopathology

- Mackenzie CD et al
1981 J Path 133 (2) Feb 161-175 Wa
Trichinella spiralis, Nippostrongylus brasili-
ensis, in vitro interaction of eosinophils,
neutrophils, macrophages, and mast cells with
nematode surfaces in presence of complement or
antibodies, findings discussed in relationship
to immunopathology of nematode infection in
vivo

Immunopathology

- Mackey LJ et al
1980 Clin and Exper Immunol 42 (3) Dec 412-420
Wa
Plasmodium berghei in 5 strains of mice, im-
munopathology of lesions in brain, kidney,
liver, and spleen

Immunopathology

- Mahajan RC; Ganguly NK
1980 Tr Roy Soc Trop Med and Hyg 74 (3) 300-302
Wa
Entamoeba histolytica, human, liver abscess,
immunodiagnosis and prognosis, detection of
amebic antigen in liver pus/biopsy specimens
and serum by counter-immunoelectrophoresis,
correlation between amebic antigen positivity
and indirect haemagglutination seropositivity,
possible role of amebic antigen in immune com-
plex formation and pathogenesis

Immunopathology

Martineilli R; Brito E; Rocha H
1980 Am J Trop Med and Hyg 29 (5 pt 1) Sept 882-885 Wa
Schistosoma mansoni, human, findings suggest immunologically-induced glomerulopathy as cause of low serum complement levels (β 1C/1A globulin), determination of β 1C/1A globulin serum levels may be valuable index for diagnosis of early glomerular disease

Immunopathology

Masake RA; Morrison WI
1981 Am J Vet Research 42 (10) Oct 1738-1746 Wa
Trypanosoma vivax-infected Boran cattle (ex-per.), spleen and lymph nodes, gross and histopathologic changes, membrane and intracytoplasmic immunoglobulin, deposits of immunoglobulin, in vitro proliferative response to mitogens of cells obtained from these organs, plasma immunoglobulin concentrations, evidence for existence of intact orderly immune response, results question relative importance of immunodepression in bovine trypanosomiasis

Immunopathology

Mosca W; Plaja J
1981 J Clin Microbiol 14 (1) July 1-5 Wa
Trypanosoma cruzi, Chagasic patients, delayed hypersensitivity to heart antigens and to parasite antigens as measured by in vitro lymphocyte stimulation, relevance of findings to pathogenesis of Chagasic cardiomyopathy needs to be carefully assessed

Immunopathology

Musa AM; Asha HA; Veress B
1980 Ann Trop Med and Parasitol 74 (6) Dec 615-618 Wa
Schistosoma mansoni in 17 patients with nephrotic syndrome, renal biopsies revealed proliferative and focal glomerulonephritis, 3 patients had renal amyloidosis: Sudan

Immunopathology

Musa AM; Saleh SY; Abu Asha H
1981 Ann Trop Med and Parasitol 75 (2) Apr 181-184 Wa
schistosomiasis mansoni, past or present infection in 5 Sudanese patients who developed transient nephritis during typhoid fever, typhoid infection may act as activator to already established immune complex glomerular disease caused by schistosomiasis

Immunopathology

Nagle RB et al
1980 Am J Trop Med and Hyg 29 (6) Nov 1187-1195 Wa
Trypanosoma rhodesiense, pathology in rabbits, findings suggest immunologic host response associated with severe localized vascular injury

Immunopathology

Olds GR; Mahmoud AAF
1981 Cellular Immunol 60 (2) May 15 251-260 Wa
Schistosoma japonicum, mice sensitized with subcutaneous injection of eggs prior to intravenous challenge with eggs, kinetics and mechanisms of pulmonary granuloma formation, evidence suggests major role for cell-mediated immunity

Immunopathology

Ortiz-Ortiz L; et al
1980 J Immunol 124 (1) Jan 121-126 Wm
Trypanosoma cruzi, mice, polyclonal B lymphocyte activation, may be responsible for abnormalities in immunoglobulin synthesis and secretion, possible role in etiology of autoimmune disease

Immunopathology

Ottesen EA
1979 Immune Mech and Dis 215-233 Wm; Wa
filariasis, human, immune responses discussed in relation to penetration stage of infection, persistence of infection, and pathology, review

Immunopathology

Ozeretskovskaia NN et al
1979 Trop Dis Research Ser (1) 259-271 Wa
Echinococcus granulosus, E. multilocularis, patients with normal spleens vs. patients with enlarged spleens, clinical data, severity of disease, renal damage, serum immunoglobulin levels, total serum protein content and proteinogramme, phytohaemagglutinin skin test, levels of antibodies to DNA, specific antiparasite antibodies, effect of prolonged treatment with mebendazole

Immunopathology

Pappas MG et al
1981 J Clin Invest 67 (1) Jan 183-192 Wa
Plasmodium berghei, mice, complement-mediated defect in clearance and sequestration of sensitized autologous erythrocytes, association of hypocomplementemia with major splenic defect in clearance late in malaria infection may explain accumulation of immune complexes in pathological sites

Immunopathology

Pearson TW et al
1981 J Immunol 126 (3) Mar 823-828 Wm
Trypanosoma brucei, variable surface antigens, studies using two-dimensional gel electrophoresis and monoclonal antibodies, possible explanation for role of variable antigens in pathogenesis of African trypanosomiasis

Immunopathology

Peralta JM et al
1981 Clin and Exper Immunol 45 (3) Sept 621-626 Wa
Trypanosoma cruzi-infected asymptomatic humans, leucocyte migration inhibition response to tissue antigens, correlation with tissue-reacting antibodies

Immunopathology

Peralta JM et al
1981 Tr Roy Soc Trop Med and Hyg 75 (4) 568-569 Wa
Trypanosoma cruzi, human, close relationship between autoantibodies and chagasic infection but their presence does not appear to relate to severity of Chagas' heart disease

Immunopathology

Phillips SM et al
1980 Am J Trop Med and Hyg 29 (5 pt 1) Sept 820-831 Wa
Schistosoma mansoni, studies in athymic mice integrated with in vitro studies on granuloma formation, results indicate that resistance, granulomatous hypersensitivity and its modulation, and morbidity are contingent on thymus-dependent lymphocyte function

- Immunopathology
Piessens WF et al
1980 J Clin Invest 65 (1) Jan 172-179 Wa
Brugia malayi, patients with different stages of disease, differences in cell-mediated immune responses to microfilarial and adult worm antigens and to nonparasite antigens, patent microfilaremia associated with state of specific cellular unresponsiveness, implications for pathogenesis: South Kalimantan (Borneo)
- Immunopathology
Poltera AA
1980 Tr Roy Soc Trop Med and Hyg 74 (6) 706-715 Wa
human African trypanosomiasis, endstage lesions in brain and heart; Trypanosoma brucei brucei in mouse model, sequential features in humoral immunology and immunopathology with emphasis on cardiac and cerebral lesions, occurrence of relapses after ethidium bromide or melarsoprol treatment, responsiveness of parasite to melarsoprol in spite of repeated relapses, shift in distribution of parasite in central nervous system after melarsoprol relapse, symposium presentation
- Immunopathology
Poltera AA et al
1980 Clin and Exper Immunol 40 (3) June 496-507 Wa
Trypanosoma brucei brucei, successful induction of cerebral trypanosomiasis in ordinary laboratory mice, parasitaemia and serology, histopathology, immunohistology, electronmicroscopic studies, evolution of brain lesions after ethidium bromide treatment
- Immunopathology
Poltera AA; Hochmann A; Lambert PH
1980 Am J Path (456) 99 (2) May 325-351 Wa
Trypanosoma brucei brucei-infected mice as model for study of pancarditis, findings suggest that immune mechanisms may be involved in pathogenesis, offers suitable model for evaluation of efficacy of trypanocidal drugs
- Immunopathology
Poltera AA; Hochmann A; Lambert PH
1981 Clin and Exper Immunol 46 (2) Nov 363-374 Wa
Trypanosoma brucei brucei, mice with cerebral trypanosomiasis, response to melarsoprol, melarsoprol + chloroquine, or benznidazole, immunopathological study
- Immunopathology
Ribeiro dos Santos R; Hudson L
1981 Clin and Exper Immunol 44 (2) May 349-354 Wa
Trypanosoma cruzi, mice, data suggest that immunity to heart and neuronal antigens commonly detected in infected animals is result rather than cause of host cell destruction
- Immunopathology
Rickman WJ; Cox HW
1980 J Parasitol 66 (1) Feb 28-33 Wa
Trypanosoma brucei rhodesiense, rats, anemia, thrombocytopenia, and coagulopathy, association with antibodies against fibrinogen/fibrin-related products (anti-F), immunocoaglutinin, soluble immune complexes (of anti-F and fibrinogen/fibrin-related products), and lytic complement consumption
- Immunopathology
Rickman WJ; Cox HW; Thoongsuwan S
1981 J Parasitol 67 (2) Apr 159-163 Wa
Trypanosoma brucei rhodesiense, rats, interactions of immunocoaglutinin and immune complexes in cold autohemagglutination
- Immunopathology
Rockey JH et al
1981 Arch Ophth Chicago 99 (10) Oct 1831-1840 Wa
Toxocara canis, Ascaris suum, passively sensitized guinea pigs and animals infected intravitreally with ascarid larvae, role of IgE antibodies and mast cells in immunopathology of eye
- Immunopathology
Ronai Z; Avraham H; Sulitzeanu D
1981 J Parasitol 67 (3) June 351-354 Wa
Plasmodium berghei-infected rats, autoantibodies to red blood cells in sera
- Immunopathology
Sampaio-Silva ML; Santoro F; Capron A
1981 Acta Trop 38 (1) Mar 39-44 Wa
Fasciola hepatica, humans, circulating immune complexes, relationship to parasite egg output and to clinical form of patients (asymptomatic, symptomatic, or acute), possible involvement in pathogenesis of acute hepatic fascioliasis
- Immunopathology
Sanchez Ibarrola A et al
1981 Am J Med 70 (2) Feb 311-315 Wa
Echinococcus granulosus, woman with hepatic hydatid cyst and nephrotic syndrome, renal biopsy tissue studied by light and electron microscopy and by immunofluorescence, documentation of role of hydatid antigen in the pathogenesis of glomerulonephritis
- Immunopathology
Santos-Buch CA et al
1979 6 Internat Convoc Immunol 262-267 Wm; Wa
Chagas' disease, immunopathology, review: autoantibody reactions, T lymphocyte cytotoxicity induced by infection, cross-reacting immunogens of target organs and Trypanosoma cruzi
- Immunopathology
Sitprija V et al
1980 Arch Int Med Chicago 140 (4) Apr 544-546 Wa
Trichinella spiralis-infected patients, renal clinicopathologic study, detection of circulating immune complexes and glomerular deposition of C3 and immunoglobulins: northern Thailand
- Immunopathology
Solloed AE; Frank GH
1979 Am J Vet Research 40 (5) May 658-664 Wa
Trypanosoma congolense, cattle (exper.), humoral immune response to nontrypanosomal antigens, peripheral blood lymphocyte responsiveness, no evidence that immunodepression is major pathologic mechanism in acute bovine infection

- Immunopathology
Suzuki M et al
1980 Internat J Nuclear Med and Biol 7 (2) 141-148 Wa
Plasmodium berghei, mice, isolation of radiation-attenuated parasites and features of strain, effectiveness in producing immunity in host, immunopathologic reactions in infected or immunized animals, immunopathologic reactions in hosts infected with attenuated vs. original virulent parasite, review
- Immunopathology
Szarfman A et al
1981 Tr Roy Soc Trop Med and Hyg 75 (1) 114-116 Wa
Trypanosoma cruzi-infected Macaca mulatta, tissue-reacting immunoglobulins in serial serum samples, suitable host for experimental studies on Chagas' disease
- Immunopathology
Szarfman A et al
1981 Am J Trop Med and Hyg 30 (1 pt 1) Jan 43-46 Wa
Trypanosoma cruzi, human, tissue-reacting immunoglobulins, presence not correlated with clinical symptoms and signs which characterize chronic stage of disease nor with severity of disease
- Immunopathology
Takahashi S; Dunn MA; Seifter S
1980 Gastroenterology 78 (6) June 1425-1431 Wa
Schistosoma mansoni-infected mice, occurrence of collagenase and general protease activities at various stages of developing liver fibrosis, collagenase activity measured in relation to collagen synthesis and accumulation
- Immunopathology
Targett GA
1981 Developments Immunol 14 301-309 Wa
malaria infection, human, immunological and allergological aspects especially in relation to pathogenesis and pathology, review
- Immunopathology
Teixeira ARL
1979 Bull World Health Organ 57 (5) 697-710 Wa
Trypanosoma cruzi, humans, immune mechanisms, trends in immunological research, and prospects for immunoprophylaxis, review
- Immunopathology
Theofilopoulos AN
1980 Progr Clin Immunol 4 63-106 Wm
evaluation and clinical significance of circulating immune complexes, review, includes some brief information on parasitic diseases
- Immunopathology
Thoongsuwan S; Cox HW
1981 J Parasitol 67 (4) Aug 481-486 Wa
Haemobartonella muris-like agent isolated and identified as occult companion agent in Trypanosoma lewisi-infected rats and implicated as cause of acute hemolytic anemia, splenomegaly with erythrophagocytosis, and proliferative glomerulonephritis in mature rats, disease was less severe in weanling rats, presence of cold-active hemagglutinin, immunocoagglutinin, and antibody against fibrinogen products
- Immunopathology
Turk JL
1979 Immunol Aspects Infect Dis 421-452 Wa
immunology of chronic infections, review, includes sections on protozoal and helminthic infections
- Immunopathology
Ungari S et al
1979 Acta Paediatr Latina 32 (2) Apr-June 157-164 Wm
echinococcosis, child, associated autoimmune glomerulo-nephritis, case report: Italy
- Immunopathology
Urquhart GM
1980 Tr Roy Soc Trop Med and Hyg 74 (6) 726-729 Wa
African trypanosomiasis in domestic animals, pathogenesis (anemia, tissue lesions, immunosuppression), immunology (prospects for vaccination, 'non-sterile immunity'), symposium presentation
- Immunopathology
Van Marck EAE et al
1979 Ann Soc Belge Med Trop 59 (1) Mar 33-47 Wa
Schistosoma mansoni-infected mice with partial ligation of the portal vein, light and electron microscopic study of resulting pathology of the kidneys, collateral circulation is apparently not an absolute requirement for glomerulopathy and immune deposits to develop
- Immunopathology
van Marck EAE et al
1980 Experientia 36 (9) Sept 15 1116-1118 Wa
Schistosoma mansoni, mice, experimental model for studies of pathogenesis of portal fibrosis using implantation of sepharose beads loaded or not with soluble egg antigen, preliminary collagen tissue immunotyping
- Immunopathology
Van Marck EAE et al
1981 Am J Trop Med and Hyg 30 (4) July 780-789 Wa
Trypanosoma gambiense, mice, rats, chronic experimental infections, renal disease, light and electron microscopy, immunofluorescence (deposits of complement and immunoglobulins but no trypanosomal antigen detected), specific antibodies in kidney eluates, circulating immune complexes, appears to be suitable model
- Immunopathology
Van Marck EAE; Deelder AM; Gigase PLJ
1981 Exper Parasitol 52 (1) Aug 62-68 Wa
Schistosoma mansoni, mice with unisexual infections, circulating anodic antigen detected in glomeruli accompanied by deposits of immunoglobulin and complement, probably represents antigen part of immune complexes, circulating anodic antigen appears to be major candidate among antigens involved in schistosomal glomerulopathy
- Immunopathology
Vialtel P et al
1981 N England J Med 304 (10) Mar 5 610-611 Wa
Echinococcus granulosus, woman, membranous nephropathy associated with hydatid disease in which parasitic antigen and corresponding antibody were found in glomeruli: France, from North Africa
- Immunopathology
Vincent AL et al
1980 J Parasitol 66 (4) Aug 613-620 Wa
Brugia pahangi, chronologic development of vascular and perivascular lymphatic lesions in genital lymphatics of infected male Meriones unguiculatus

Immunopathology

Waugh DA; Alexander JH; Ibels LS
1980 Austral and N Zealand J Med 10 (5) Oct 559-562 Wm
filariasis, humans with chyluria and associated glomerulonephritis, clinical report, evidence to suggest that glomerulonephritis may be an immune complex type

Immunopathology

Weinstock JV et al
1981 J Clin Invest 67 (4) Apr 931-936 Wa
Schistosoma mansoni-infected mice, SQ 14225 (inhibitor of angiotensin I-converting enzyme (ACE)) can partially inhibit granulomatous response to schistosome eggs and pathological manifestations of schistosomiasis, possibility that ACE has inflammatory role in granulomatous inflammation

Immunopathology

Whittle H; Greenwood BM; Mohammed I
1980 Tr Roy Soc Trop Med and Hyg 74 (6) 833-834 Wa
Gambian sleeping sickness, raised levels of immune complexes in sera of patients, difficult to interpret complexes as major cause of damage

Immunopathology

Wyler DJ; Blackman HJ; Lunde MN
1980 Am J Trop Med and Hyg 29 (6) Nov 1181-1186 Wa
Toxoplasma gondii, patients with toxoplasmal retinochoroiditis vs. seropositive and seronegative controls, antibody titers, in vitro lymphoproliferative responses to toxoplasmal and retinal antigens, observations raise possibility of autoimmune component in pathogenesis of relapses in toxoplasmal retinochoroiditis

Immunopathology

Zahner H; Geyer E; Rudolph R
1980 Zentralbl Vet Med Reihe B 27 (1) 36-46 Wa
Capillaria hepatica in *Mastomys natalensis* (exper.), granuloma formation around eggs in lung capillaries following intravenous injection of eggs in pre-sensitized vs. non-infected animals, degree of cellular reactions dependent upon stage of existing infection

Immunopathology

Zahner H; Rudolph R
1980 Zentralbl Vet Med Reihe B 27 (2) 85-101 Wa
Capillaria hepatica, embryonated eggs vs. embryonated, x-irradiated eggs, *Mastomys natalensis* (exper.), histopathology of liver and spleen, organ weight changes, role of eggs in granuloma formation

Immunopotentialiation

Abrahamsohn IA; Blotta MHS; Curotto MA
1981 Infect and Immun 31 (3) Mar 1145-1151 Wa
Trypanosoma cruzi, enhancement of delayed-type hypersensitivity in mice treated with *Mycobacterium bovis* BCG and cyclophosphamide

Immunopotentialiation

Bertelli MSM; Alcantara F, A; Brener Z
1981 Tropenmed u Parasitol 32 (2) June 93-96 Wa
Trypanosoma cruzi, mice, BCG-induced resistance, correlation with in vitro effects of BCG-activated macrophages on parasite bloodstream stages, findings represent further demonstration that cell-mediated immunity plays role in immune response in experimental Chagas' disease

Immunopotentialiation

Blackwood LL; Molinari JA
1981 Internat Arch Allergy and Applied Immunol 66 (1) 55-58 Wa
Trichinella spiralis-induced immunopotentialiation of delayed-type hypersensitivity against BCG, dose dependence

Immunopotentialiation

Bonnet M; Garin JP; La Falce E
1980 J Franc Ophtal 3 (11) 653-655 Wm
Toxoplasma gondii, patients with recurrent toxoplasmic retinochoroiditis, attempted therapy with B.C.G. was not successful

Immunopotentialiation

Brown KN; Hills LA
1981 Tropenmed u Parasitol 32 (2) June 67-72 Wa
Plasmodium berghei, protective immunity in mice and rats is significantly enhanced by phenylhydrazine treatment, this effect generates memory, can be transferred with spleen cells, and can have both enhancing and suppressive action on protective immune response in recipients, implications for role of erythrocyte destruction in protective immunity to malaria

Immunopotentialiation

Burgess DE; Hanson WL
1980 J Parasitol 66 (2) Apr 340-342 Wa
Trypanosoma cruzi, mice, heterologous (BCG) and specific immunization, comparison of different immunization procedures

Immunopotentialiation

Bygbjerg IC
1981 Acta Path et Microbiol Scand 89C (2) Apr 111-113 Wa
augmentation of human lymphocyte proliferative responses in vitro by pyrimethamine, trimethoprim did not alter these responses significantly, possibility of using pyrimethamine as immunopotentialiator

Immunopotentialiation

Clarkson AB jr; Mellow GH
1981 Science (4517) 214 Oct 9 186-188 Wa
Trypanosoma lewisi, serum of lactating rats that have never been infected contains rheumatoid factor-like IgM which amplifies specific IgG response to parasite and accounts for unusual resistance of previously uninfected lactating rats and their suckling pups, similar rheumatoid factor-like IgM induced late in usual course of infection in nonlactating rats amplifies earlier IgG response and terminates infection, first description of rheumatoid factor (which is classified as autoimmune antibody) acting in protective manner, possible implications for *T. cruzi* infection

Immunopotentialiation

Cohen HA
1979 Acta Dermato-Venereol 59 (6) 547-549 Wm
leishmaniasis cutanea diffusa, man, chronic infection for 26 years, induction of delayed hypersensitivity using heat-killed and lyophilized BCG and cord-factor (trehalose-6-6'-dimycolate), clinical case report

Immunopotentialiation

Cunningham DS et al
1981 Exper Parasitol 51 (2) Apr 257-268 Wa
Trypanosoma cruzi in relatively resistant vs. highly susceptible strain of mice, antibody response to previously unencountered antigens, autoantibody activity, proposed that T. cruzi-associated antigens differentially affect B-cell-responsive and -responding clones, unlikely that nonspecific induction of immunoglobulin synthesis is purely responsible for immunosuppressed condition of both susceptible and resistant mice, immunopotentiating effect of T. cruzi demonstrated in 2 ways, possible significance of polyclonal activation in experimental Chagas' disease

Immunopotentialiation

Cunningham DS; Hazen TC; Kuhn RE
1981 J Parasitol 67 (4) Aug 468-474 Wa
Trypanosoma cruzi-susceptible and -resistant mice were both more resistant to challenge with Aeromonas hydrophila following infection with T. cruzi, increased resistance depended on several factors but was generally independent of the immunosuppressed condition caused by T. cruzi infection

Immunopotentialiation

Desowitz RS; Barnwell JW
1980 Infect and Immun 27 (1) Jan 87-89 Wa
Plasmodium berghei, mice, effect of selenium and dimethyl dioctadecyl ammonium bromide on vaccine-induced immunity

Immunopotentialiation

Dolan TT; Brown CGD; Cunningham MP
1980 Research Vet Sc 28 (1) Jan 132-133 Wa
Theileria parva, failure of Calmette-Guerin (BCG) organisms to protect cattle suggests that the host response to this non-specific immunization is poorly developed

Immunopotentialiation

El-Hawey AM et al
1978 J Egypt Med Ass 61 (5-6) 433-448 Wm
S[chistosoma] mansoni, chronic infection in Swiss albino mice, intravenous inoculation of live bacillus Calmette Guerin (BCG) vaccine produced nonspecific stimulation of cellular immunity, immunoprotection against S. mansoni infection, and enhancement of healing of bilharzial hepatic granulomas

Immunopotentialiation

Filice GA; Beaman BL; Remington JS
1980 Infect and Immun 27 (2) Feb 643-649 Wm
activated macrophages from mice infected with Toxoplasma gondii or injected with Corynebacterium parvum, effects on Nocardia asteroides

Immunopotentialiation

Gillet J; Jacques PJ; Herman F
1980 Advances Exper Med and Biol 121A 307-313 Wa
Plasmodium berghei, use of yeast particulate glucan for causal prophylaxis of mouse malaria

Immunopotentialiation

Goven AJ; De Buysscher EV
1980 J Parasitol 66 (2) Apr 346-347 Wa
Nematospiroides dubius, mice, immunization with double-emulsion adjuvant + parasite antigen

Immunopotentialiation

Greentree LB
1981 Med Hypotheses 7 (1) Jan 43-49 Wm
medical hypothesis: use of Plasmodium vivax Madagascar strain as therapy for cancer, this parasite is a potent immunostimulant in that it stimulates the production of phagocytic macrophages to the highest levels thus enhancing the host's natural defenses against harmful antigens, these may well include malignant disease

Immunopotentialiation

Grimaldi GF; Moriearty PL; Hoff R
1980 Clin and Exper Immunol 41 (2) Aug 237-242 Wa
Leishmania mexicana in C3H mice, BCG and levamisole treatment of established infections, results indicate non-specific immunostimulation is ineffective against chronic non-healing type of leishmaniasis in which host has humoral and delayed type hypersensitivity responses to parasites

Immunopotentialiation

Hamburger J; Savion S
1981 J Helminth 55 (1) Mar 45-48 Wa
Schistosoma mansoni, mice, enhancement of infection induced by methanol-extraction residue fraction of BCG, may prove useful for studying mechanisms by which S. mansoni evades non-specific resistance

Immunopotentialiation

Hanson WL
1981 J Protozool 28 (1) Feb 27-30 Issued June 18 Wa
suppressive and enhancing effects of various antiprotozoal drugs on host immune response, possible procedures for enhancing immune response of host undergoing chemoprophylaxis or chemotherapy, symposium presentation

Immunopotentialiation

Holbrook TW; Cook JA; Parker BW
1981 Infect and Immun 32 (2) May 542-546 Wa
Plasmodium berghei, mice, strong adjuvant effect of glucan injected simultaneously with killed erythrocytic stages of parasite

Immunopotentialiation

Holbrook TW; Cook JA; Parker BW
1981 Am J Trop Med and Hyg 30 (4) July 762-768 Wa
Leishmania donovani, mice, immunization, glucan as adjuvant with killed promastigotes, glucan injected alone elicited lesser degree of (nonspecific) resistance

Immunopotentialiation

Itaya T et al
1980 Internat Arch Allergy and Applied Immunol 62 (4) 389-396 Wm
suppressive effects of various adjuvants on IgE antibody response of mice when given at certain times before immunization, DNP-Ascaris used as antigen

Immunopotentialiation

Jakoniuk P et al
1980 Arch Immunol et Therap Exper 28 (3) 377-387 Wm
Listeria monocytogenes lipids, effect on immunity against Trichomonas vaginalis and similar pathogens, little effect on the course of T. vaginalis in mice

Immunopotentialiation

- James MA; Alger NE
1981 Internat J Parasitol 11 (3) June 217-220
Wa
Plasmodium berghei, mice, treatment with carrageenan (reported anti-macrophage agent) conferred partial immunity

Immunopotentialiation

- Kojima S; Kamijo T; Ovary Z
1980 Cellular Immunol 50 (2) Mar 15 327-339 Wm
Nippostrongylus brasiliensis, nonspecific enhancement of mouse antihapten IgE antibody response, involvement of T-cell subpopulation and its product for the potentiation

Immunopotentialiation

- Krahenbuhl JL et al
1981 Infect and Immun 31 (2) Feb 716-722 Wa
Toxoplasma gondii, enhanced resistance in muramyl dipeptide-treated mice, failure to reveal either enhanced cytolytic antibodies or evidence that peritoneal macrophages were activated

Immunopotentialiation

- Lederer E
1981 Biochem Parasites (Slutzky) 205-222 Wa
natural and synthetic immunostimulants and transmethylease inhibitors as antiparasitic agents in animal models, review

Immunopotentialiation

- Lloyd S
1981 Parasitology 83 (1) Aug 225-242 Wa
progress in immunization against parasitic helminths (immunization with irradiation-attenuated helminths, with helminth extracts, and with in vitro-produced metabolites, isolation and characterization of functional antigens, non-specific immunization, heterologous immunization, oral immunization)

Immunopotentialiation

- Mitchell GBB; Armour J
1981 Research Vet Sc 30 (3) May 343-348 Wa
Fasciola hepatica, sheep, effect of prior nematode and cestode infection on course of infection, investigation of cross-immunizing properties of these parasites per se and modification of any protective effect conferred by immunomodulatory compound levamisole

Immunopotentialiation

- Mitchell GF; Curtis JM; Handman E
1981 Austral J Exper Biol and Med Sc 59 (5) Oct 555-565 Wa
Leishmania tropica, various means of increasing resistance to cutaneous leishmaniasis attempted in genetically susceptible BALB/c mice, aspects of mouse strain variation in susceptibility examined

Immunopotentialiation

- Mitchell GH et al
1979 Bull World Health Organ 57 suppl 1 189-197
Wa
Plasmodium knowlesi, vaccination of Macaca m. mulatta and M. fascicularis, investigation of nor-MDP, saponin, corynebacteria, and pertussis organisms as immunological adjuvants

Immunopotentialiation

- Murphy JR
1981 Infect and Immun 33 (1) July 199-211 Wa
Plasmodium berghei, nonspecific resistance in some strain B6D2 (but not strain A or ICR) mice generated in response to Mycobacterium bovis infection or Corynebacterium parvum stimulation, protected mice have capacity to produce humoral factor with anti-P. berghei activity

Immunopotentialiation

- Murray M et al
1979 Acta Trop 36 (4) Dec 297-322 Wa
Nippostrongylus brasiliensis, rats, immunization with killed adult worm antigen, parameters which influence level of protection (use of adjuvant; dose of antigen; number of doses and interval between them; route of administration)

Immunopotentialiation

- Neal RA; Johnson P
1977 Acta Trop 34 (1) Mar 87-96 Wa
Trypanosoma cruzi, mice, immunization using killed antigens and with saponin as adjuvant

Immunopotentialiation

- Olds GR et al
1980 J Infect Dis 141 (4) Apr 473-478 Wa
Schistosoma mansoni, induction of resistance using synthetic adjuvants (natural cord factor and lower homologues), gives partial protection and enhances acquired immunity in mice with primary infections

Immunopotentialiation

- Olds GR; Stewart SJ; Ellner JJ
1981 J Immunol 126 (5) May 1667-1670 Wm
Schistosoma mansoni, mice, amphotericin B enhances host resistance and activates macrophages

Immunopotentialiation

- Popham AM; Dresser DW
1980 Immunology 41 (3) Nov 579-585 Wm
non-specific activators (including Schistosoma mansoni and Trypanosoma brucei) of rheumatoid factor production in mice

Immunopotentialiation

- Rajasekariah GR; Rickard MD; Mitchell GF
1980 Internat J Parasitol 10 (4) Aug 315-324
Wa
Taenia taeniaeformis, mice, immunization using various antigens prepared from eggs, oncospheres, developing larvae, and strobilocerci, effect of route of administration of antigen and of no adjuvant vs. various adjuvant preparations

Immunopotentialiation

- Rezai HR et al
1980 Acta Trop 37 (1) Mar 21-29 Wa
Toxoplasma gondii, mice, immunity induced by homologous and heterologous organisms

Immunopotentialiation

- Rosenberg YJ
1981 Cellular Immunol 61 (2) July 1 416-424 Wm
ability of nonspecific T-cell stimulators (including Plasmodium yoelii infection) to induce helper-cell-dependent increases in either polyclonal or isotype-restricted Ig production in mice

Immunopotentialiation

Ryning FW; Krahenbuhl JL; Remington JS
1981 Immunology 42 (4) Apr 513-519 Wm
bronchoalveolar vs. peritoneal macrophages,
cytotoxic (against tumor target cells) and
microbicidal (against *Toxoplasma gondii*) func-
tion in normal, *Toxoplasma*-infected, and *Cory-*
nebacterium parvum-treated mice

Immunopotentialiation

Sen DK; Lankaranifard G; Narain NK
1981 J Protozool 28 (2) May 167-170 Wa
Trypanosoma muscili, effect of holothurin on
defense mechanisms of different strains of
mice, timing of administration of holothurin
appeared to be important factor in observed ef-
fect (higher or lower levels of parasitemia
than controls), minor variations in parasitemia
seemed to be related to mouse strain

Immunopotentialiation

Siddiqui WA et al
1979 Bull World Health Organ 57 suppl 1 199-203
Wa
Plasmodium falciparum, immunization of *Aotus*
trivirgatus griseimembra, use of synthetic ad-
juvants

Immunopotentialiation

Siddiqui WA et al
1981 Nature London (5793) 289 Jan 1-8 64-66 Wa
Plasmodium falciparum, use of synthetic
adjuvant (CP-20,961) in effective vaccination
of *Aotus trivirgatus griseimembra* against
lethal infection

Immunopotentialiation

Smith WD; Angus KW
1980 Research Vet Sc 29 (1) July 45-50 Wa
Haemonchus contortus, immunizing lambs with
varying numbers of doses of irradiated larvae,
or combining this vaccine with larval anti-
gens and adjuvant, serum IgG, IgA and IgG in
abomasal mucosa

Immunopotentialiation

Smrkovski LL
1981 Infect and Immun 31 (1) Jan 408-412 Wa
Plasmodium berghei, mice, effect of route of
Mycobacterium bovis BCG administration on sup-
pression of protective immune response to
sporozoite vaccination, results suggest poten-
tial for multiple vaccine interference and
that relationships between vaccines and multi-
ple infections are deserving of special atten-
tion

Immunopotentialiation

Smrkovski LL; Reed SG; Larson CL
1980 Am J Trop Med and Hyg 29 (1) Jan 16-20 Wa
Leishmania donovani, cortisone and cyclophos-
phamide suppress protective effects of BCG in
mice challenged with amastigotes

Immunopotentialiation

Strickland GT; Hunter KW
1980 Internat J Nuclear Med and Biol 7 (2) 133-
140 Wa
malaria, vaccination, use of immunopotentiators,
review

Immunopotentialiation

Stromberg BE
1980 J Immunol 125 (2) Aug 833-836 Wm
Ascaris suum, potentiation of reaginic (IgE)
antibody response to ovalbumin in guinea pigs
using soluble parasite metabolic product

Immunopotentialiation

Suemura M et al
1980 J Immunol 125 (1) July 148-154 Wm
Nippostrongylus brasiliensis, regulatory role
of IgE-binding factors from rat T-lymphocytes,
mechanism of enhancement of IgE response by
IgE-potentiating factor

Immunopotentialiation

Taverne J; Dockrell HM; Playfair JHL
1981 Infect and Immun 33 (1) July 83-89 Wa
Plasmodium yoelii, *P. berghei*, malarial para-
sites may be killed by nonspecific soluble
mediators that are obtained from mice given
macrophage-activating agents followed by endo-
toxin, sera obtained from mice given endotoxin
during course of infection with these para-
sites also contained parasite-killing factor

Immunopotentialiation

Terrientes ZI; Zeledon R
1980 Rev Inst Med Trop S Paulo 22 (5) Sept-Oct
213-218 Wm
Leishmania hertigi live vaccine with complete
Freunds adjuvant vs. *L. hertigi* extract with
incomplete adjuvant, hamsters, challenge with
L. mexicana or *L. braziliensis*; immunodiffu-
sion or immunoelectrophoresis showed at least
one common band between *L. hertigi* and the
two human parasites

Immunopotentialiation

Thompson RCA; Howell MJ
1979 Ztschr Parasitenk 61 (1) 93-98 Wa
Fasciola hepatica, effect of BCG on resistance
of rats to infection

Immunopotentialiation

Thong YH; Ferrante A
1980 Clin and Exper Immunol 39 (1) Jan 190-194
Wa
pyrimethamine enhances antibody and delayed-
type hypersensitivity responses to sheep red
cells in mice and reverses immunodepression of
tumour-bearing mice

Immunopotentialiation

Tribouley J; Tribouley-Duret J; Appriou M
1979 Compt Rend Soc Biol Paris 173 (6) 1046-1049
Wa
Schistosoma mansoni, rats, partial immunity to
challenge after injection of *S. mansoni* anti-
gen + Freund's incomplete adjuvant + muramyldi-
peptide

Immunopotentialiation

Tribouley J; Tribouley-Duret J; Appriou M
1980 Ann Parasitol 55 (1) Jan-Feb 87-96 Wa
Schistosoma mansoni, mice, injection of B.C.G.,
increase of non-specific resistance, effect on
larval migration, re-inoculation of B.C.G. re-
sults in immunostimulation which is more in-
tense and appears earlier

Immunopotentialiation

Yodoi J; Hirashima M; Ishizaka K
1980 J Immunol 125 (4) Oct 1436-1441 Wm
Nippostrongylus brasiliensis, rats, regulatory
role of IgE-binding factors from rat T
lymphocytes, glycoprotein nature and source of
IgE-potentiating factor

Immunosuppression See Immunological unrespon-
siveness

Immunotolerance See Immunological unresponsive-
ness

Implantation See Transplantation

Imported diseases See Disease transmission,
Imported and exported hosts; Disease transmission,
Travel and migration

Indexes See Indices

India

Bali HS
1972 J Research Punjab Agric Univ 9 (1) Suppl
Mar 206-213 Issued Aug 16 Wa
Eimeria spp., sheep (nat. and exper.); histo-
pathology, effects of temperature on sporulation,
host specificity: State of Bihar, India

India

Bidinger PD; Crompton DWT; Arnold S
1981 Parasitology 83 (2) Oct 373-380 Wa
intestinal parasites, human, survey in rural
villages, possible role of wind in transmission
of infections: peninsular India

India

Gusev AV
1976 Indian J Helminth 25-26 1973-1974 241 pp
Issued Apr 7 Wa
Monogenoidea of freshwater fish, systematics,
morphology, evolution, host age and size
factors, attachment to host, zoogeographic
analysis of Indian and other faunas

India

Koshy TJ et al
1979 Cheiron 8 (3) Oct 199-205 Wa
ixodid and argasid tick survey, domestic ani-
mals: Tamil Nadu

India

Kulkarni SW et al
1978 Indian J Med Research 68 Oct 583-591 Wa
survey, prevalence and patterns of enteric
parasitosis, populations of 7 villages near
Nagpur, Maharashtra, India

India

Veerannan KM
1979 J Indian Med Ass 73 (9-10) Nov 155-159 Wm
intestinal parasites, incidence among patients
in a tuberculosis hospital: near Madras, India

Indiana See United States, Indiana

Indices

Bailly-Choumara H; Morel PC; Rageau J
1976 Bull Inst Scient Univ Mohammed V 1 (1)
101-117 Wa
Ixodoidea, host-parasite lists, geographical
distribution, review: Morocco

Indices

Bennett GF et al
1980 J Parasitol 66 (1) Feb 162-165 Wa
list of type material in collection of Inter-
national Reference Centre for Avian Haematozoa

Indices

Daggett PM et al
[1981] J Protozool 27 (4) Nov 1980 353-361
Issued Mar 11 Wa
method for coding data on protozoan strains for
computers

Indices

Haas GE; Johnson L; Wilson N
1980 J Entom Soc Brit Columbia 77 43-46 Wa
Siphonaptera from mammals, annotated list:
Southeastern Alaska

Indices

Larsson R
1981 Parasitology 83 (2) Oct 325-342 Wa
Microsporidia, list of 22 species described
from Cladocera with diagnoses, hosts, and col-
lecting areas

Indices

Levine ND; Ivens V
1979 Rev Iber Parasitol 39 (1-4) Jan-Dec 261-297
Wa
Coccidia of insectivores, review of known in-
formation on taxonomy, synonymy, structure,
life cycle, host, location in host, reported
geographic distribution, prevalence, sporula-
tion, merogony, gametogony, prepatent period,
patent period, pathogenicity, immunity, cross-
transmission studies, and cultivation

Indices

Levine ND; Tadros W
1980 System Parasitol 2 (1) Dec 41-59 Wa
Sarcocystis, list of named species with hosts,
synonyms, homonyms, lapsi calami

Indices

Lichtenfels JR
1975 Proc Helminth Soc Washington 42 special
issue Dec 92 pp Issued Dec 30 Wa
helminths of domestic equids, their geographic
distribution, prevalence, location in host, and
synonyms, with illustrated keys to genera and
species

Indices

Margolis L; Arthur JR
1979 Bull (199) Fish Research Bd Canada 1-269
Wa
synopsis of fish parasites: Canada

Indices

Okereke TA
1976 African J Med and Med Sc 5 (2) June 139-
147 Wm
indices of arthropod borne diseases in Africa

Indices

Poinar GO jr
1978 Proc Helminth Soc Washington 45 (2) July
202-210 Issued Aug 30 Wa
nematodes, associations with oligochaetes as
phoretic, paratenic, intermediate, or sole
hosts, evolutionary history, review, list of
known natural relationships (150 species of
nematodes with hosts)

Indices

Sommerville C
1981 J Small Animal Practice 22 (6) June 367-376
Wa
common parasites of freshwater ornamental
fish with checklist on their detection and
treatment, review

Indices

Sprague V
1977 Comp Pathobiol 2 31-334; Addendum 447-452
Wa
Microsporidia, annotated list of species

Indices

Sprague V
1977 Comp Pathobiol 2 335-385; Addendum 453-455
Wa
Microsporidia, host list

Indices

Thatcher VE
1964 An Escuela Nacional Cien Biol Mexico
13 (1-4) 91-96 Wa
trematodes of reptiles, host-parasite list:
Tabasco, Mexico

Indices

Tripathi YR
1977 Indian J Helminth 27 (1) Mar 1975 62-105 Is-
sued Mar 19 Wa
monogenetic trematodes of fish, parasite-host
and host-parasite lists, systematics: India

Indices

Tuff DW; Huffman DG
1977 Texas J Sc 28 (1-4) Mar 161-191 Wa
index to genera of hosts of helminths in Yama-
guti's Systema Helminthum, vols. I-IV

Indices

White EM et al
1978 Rev Biol Trop 26 (1) July 43-102 Wa
hematozoa of Neotropical birds, regional
distribution, literature review

Indonesia

Cross JH; Basaca-Sevilla V
1981 Southeast Asian J Trop Med and Pub Health
12 (2) June 262-274 Wa
intestinal parasitic infections, Southeast
Asian populations, prevalence by age and sex,
fecal and serological survey: Philippine
Islands and Indonesia

Indonesia

Suyoko et al
1980 Berkala Ilmu Kedokteran (J Med Sc) 12 (1)
Mar 1-6 Wm
intestinal parasites, prevalence survey, pop-
ulation of orphanage in Yogyakarta, Indonesia

Indonesia, Celebes

Stafford EE et al
1980 Southeast Asian J Trop Med and Pub Health
11 (4) Dec 468-472 Wa
intestinal and blood parasites, incidence sur-
vey, inhabitants of the Torro Valley, Central
Sulawesi (Celebes), Indonesia

Indonesia, Lesser Sunda Islands

Joesoef A; Dennis DT
1980 Southeast Asian J Trop Med and Pub Health
11 (1) Mar 43-47 Wa
intestinal and blood parasites of man, preva-
lence by host age and sex: Alor Island in
East Nusa Tenggara Islands of Indonesia

Indonesia, Lesser Sunda Islands

Purnomo; Partono F; Soewarta A
1980 Southeast Asian J Trop Med and Pub Health
11 (3) Sept 324-327 Wa
intestinal parasites, humans, prevalence sur-
vey (by age and sex) before and after mass
therapy with combination of mebendazole and
pyrantel pamoate: Karakuak, West Flores, In-
donesia

Indonesia, Lesser Sunda Islands

Stafford EE et al
1980 Southeast Asian J Trop Med and Pub Health
11 (3) Sept 319-323 Wa
human parasitic infections, distribution and
prevalence, survey: 3 villages on island of
Bali, Indonesia

Infectivity [See also Pathogenicity]

Infectivity

Babiker EA; Le Ray D
1981 Ann Soc Belge Med Trop 61 (1) Mar 15-29
Wa
Trypanosoma brucei gambiense, adaptation of low
virulence stocks to rats and mice, evaluation
of some methods previously described for en-
hancing trypanosome infectivity (rapid passag-
ing, drug-induced immunodepression, use of
age-related receptivity), establishment of
cloned pleomorphic populations

Infectivity

Barretto MP; Ribeiro RD; Belda Neto FM
1979 Rev Brasil Biol 39 (4) Nov 897-899 Wa
Trypanosoma cruzi, 5 strains, amastigotes
and trypomastigotes infective to baby white
mice after incubation in normal human serum

Infectivity

Cabaret J
1980 Ann Parasitol 55 (5) Sept-Oct 571-581 Wa
protostrongylid 1st stage larvae, relationship
between motility and infectivity, effect of
various factors (parasite age, density,
temperature, light, ions, desiccation),
epidemiological implications

Infectivity

Christensen NO; Frandsen F; Roushdy MZ
1980 Ztschr Parasitenk 64 (1) 47-63 Wa
Echinostoma liei, influence of various physico-
chemical environmental conditions on egg hatch-
ability; miracidial host-finding capacity and
level of parasitisation in Biomphalaria gla-
brata, susceptibility of different snails to
infection, cercarial and metacercarial infec-
tivity in relation to some first and second
intermediate host-related factors, cercarial
shedding, metacercarial longevity

Infectivity

Combes C; Imbert-Establet D
1980 J Helminth 54 (3) Sept 167-171 Wa
Schistosoma mansoni, cercariae produced by
snails infected by miracidia originating from
human patients or Rattus rattus, comparison of
infectivity in experimental infections of white
laboratory mice and Rattus rattus, no signifi-
cant difference in probability of maturation
into adult schistosomes, hypothesis that re-
verse would be true (that cercariae of human or
murine origin would be equally capable of in-
fecting man), possible implications for role of
rat as reservoir host

Infectivity

Creighton CS; Fassuliotis G
1980 J Econom Entom 73 (2) Apr 296-300 Wa
Filipjevimermis leipsandra, seasonal popula-
tion fluctuations, viability, infectivity,
and potential as a biological control agent
of Diabrotica balteata: Charleston, S.C.

Infectivity

Cunningham I; Honigberg BM; Taylor AM
1981 J Parasitol 67 (3) June 391-397 Wa
Trypanosoma brucei, infectivity of monomorphic
and pleomorphic stocks cultivated at 28°C with
various tsetse fly tissues

Infectivity

Dada BJO et al
1981 Internat J Zoonoses 8 (1) June 33-43 Wm
Echinococcus granulosus, camel strain raised experimentally in dogs, infective for goats and sheep, poorly infective for cattle and not infective for donkeys, strain has affinity for localization in lungs of all animals

Infectivity

Daher VR; Krettli AU
[1981] J Protozool 27 (4) Nov 1980 440-442
Issued Mar 11 Wa
Plasmodium gallinaceum, infectivity for chicks of oocyst sporozoites isolated on different days after Aedes fluviatilis had fed on infected birds, comparison with infectivity of salivary-gland sporozoites isolated from same group of mosquitoes; antigenicity of oocyst and salivary-gland sporozoites is similar

Infectivity

Dei-Cas E et al
1980 Ann Parasitol 55 (6) Nov-Dec 621-633 Wa
Plasmodium inui in splenectomized Macaca fascicularis, morphology and infectivity of gametocytes, course of gametocytemia

Infectivity

Doran TI; Herman R
1981 J Protozool 28 (3) Aug 345-350 Wa
Leishmania donovani, variance in infectivity of promastigotes cultured for 3 vs. 10 days in vitro before inoculation into hamsters, biochemical (enzyme analysis, lectin analysis) and immunological correlates of infectivity

Infectivity

Doyle JJ; de Gee ALW; Hirumi H
1980 Insect Sc and Its Applic 1 (1) 65-68 Wa
Trypanosoma brucei, T. vivax, variable antigen-associated differences in infectivity and virulence, review

Infectivity

Dubey JP et al
1981 Am J Vet Research 42 (6) June 1007-1010 Wa
Toxoplasma gondii, pathogenicity and infectivity of isolates from Felis domesticus and Mus musculus compared in exper. mice with isolate from a person infected during outbreak of toxoplasmosis affecting 37 patrons of a riding stable, epidemiologic implications: Atlanta, Georgia

Infectivity

Dubey JP; Thorne ET; Sharma SP
1980 Am J Vet Research 41 (5) May 792-793 Wa
Toxoplasma gondii in Cervus canadensis (exper.), infectivity, pathogenicity, transplacental infection

Infectivity

Duwel D
1980 Ztschr Parasitenk 63 (2) 137-143 Wa
Fasciola hepatica, passage through sheep and Oryctolagus cuniculus, exposure to Lymnaea tomentosa with resulting number and motility of encysted metacercariae, infectivity to rats, sheep, and rabbits; results indicate that development of Fasciola is impaired in various phases after rabbit passage and that rabbits play only minor role in epidemiology

Infectivity

Ellis DS et al
1980 Tr Roy Soc Trop Med and Hyg 74 (1) 131-132 Wa
Trypanosoma brucei rhodesiense, infectivity of slender forms for Glossina morsitans morsitans when fed to them through a membrane, results in the development of mature salivary gland infections

Infectivity

Erp EE et al
1980 Am J Vet Research 41 (7) July 1141-1142 Wa
Babesia bovis, continuous in vitro cultivation, cultured organisms are morphologically identical to bloodstream forms and show no loss of infectivity and virulence

Infectivity

Ewen AB; Mukerji MK
1980 J Invert Path 35 (3) May 295-303 Wa
Nosema locustae, field trial evaluation as grasshopper control agent, infectivity, host age factors, effect on populations and reproductive potential: Saskatchewan, Canada

Infectivity

Frenkel JK; Wallace GD
1979 Med Hypotheses 5 (5) May 529-532 Wm
Toxoplasma, estimated transmission potential of tachyzoites is very low compared to potential of oocysts and cysts

Infectivity

Fried B; Barber LW; Butler MS
1978 Proc Helminth Soc Washington 45 (2) July 162-166 Issued Aug 30 Wa
Cotylurus strigeoides, growth and development in domestic chicks (fed isolated cysts vs. infected whole Physa heterostropha), on chorio-allantoic membranes of chick embryos, and in vitro; infectivity to chicks

Infectivity

Gardiner PR et al
1980 J Protozool 27 (2) May 182-185 Issued July 17 Wa
Trypanosoma brucei infective forms produced in tsetse fly salivary gland culture system, structure, method for separation using DEAE-cellulose column chromatography

Infectivity

Goddeeris B
1980 Ann Soc Belge Med Trop 60 (3) Sept 277-283 Wa
Hydatigera taeniaeformis, possible role of Musca domestica in disseminating tapeworm eggs by carrying them internally, eggs infective to mice although infectivity was decreased, applicability for vector dispersal of cattle tapeworm eggs (Taeniarhynchus saginatum)

Infectivity

Granath WO jr
1980 J Invert Path 36 (2) Sept 235-239 Wa
Hymenolepis diminuta in Tenebrio molitor (exper.), effects of parasite density and temperature on water balance of beetles, subsequent infectivity of recovered cysticercoids to rats

Infectivity

Heydorn AO
1980 Berl u Munchen Tierarztl Wchnschr 93 (14)
July 15 267-270 Wa
Sarcocystis bovicanis sporocysts, effect of various physical factors on excystation and viability of excysted sporozoites in vitro, subsequent infectivity to calves

Infectivity

Irvin AD; Young ER; Adams PJV
1979 Research Vet Sc 27 (2) Sept 200-204 Wa
Babesia rodhaini, B. major, or B. divergens-infected blood, effects of irradiation in vitro, infectivity of B. rodhaini in mice

Infectivity

Jouvenaz DP; Lofgren CS; Allen GE
1981 J Invert Path 37 (3) May 265-268 Wa
Burenella dimorpha in Solenopsis geminata (exper.), development, infectivity, and mode of transmission of 2 morphologically distinct spores, results verify this microsporidium as a dimorphic species

Infectivity

Keithly JS; Bienen EJ
1981 Acta Trop 38 (1) Mar 85-89 Wa
Leishmania donovani, infectivity of primary culture promastigotes for golden hamsters

Infectivity

Keymer A
1981 J Animal Ecol 50 (3) Oct 941-950 Wa
Hymenolepis diminuta, population dynamics in Tribolium confusum: relationship between number of exposures to infection and resultant parasite burden per host; relationships between cysticercoid density, age, and infectivity; relationship between infective-stage density and resultant parasite burden per host (transmission to intermediate host; transmission to definitive host); influence of infection on intermediate host population growth

Infectivity

Kuris AM
1980 Internat J Parasitol 10 (1) Feb 21-25 Wa
Echinostoma liei miracidia, infectivity for Biomphalaria glabrata, effect of echinostome egg age, habitat heterogeneity, and water quality and volume, results enhance competitive potential of echinostomes as possible biological control agents for Schistosoma mansoni

Infectivity

Kuris AM; Warren J
1980 J Parasitol 66 (4) Aug 630-635 Wa
Echinostoma liei, mortality of previously uninfected second intermediate host Biomphalaria glabrata of different ages following exposure to cercarial penetration, relative role of cercarial penetration vs. presence of encysted metacercariae in pericardial sac, observations on cercarial infectivity and host searching; results suggest echinostome penetration and encystment may be unlikely to contribute much to population control of these snails in nature

Infectivity

Kurtti TJ et al
1981 Exper Parasitol 52 (2) Oct 280-290 Wa
Theileria parva, cellular origin and development of bovine lymphoblastoid cell lines persistently infected with macroschizonts, comparison of cultures of lymphoblastoid cells isolated from cattle with patent East Coast fever, cultures obtained by infecting normal lymphocytes in vitro with sporozoites, and continuous line which had been isolated earlier; use of lymphocyte cultures to quantitate infectivity of sporozoites obtained from organ cultures of Rhipicephalus appendiculatus salivary glands

Infectivity

Kutish GF; Janovy J jr
1981 J Parasitol 67 (4) Aug 457-462 Wa
Leishmania donovani, inhibition of in vitro macrophage digestive capacity by preinfection with 2S parasite strain (infective for hamsters), development of bioassay in which in vitro digestion rate of Leptomonas costoris was taken as measure of macrophage digestive capacity, Khartoum strain of L. donovani (non-infective for hamsters) did not cause suppression of macrophage digestive capacity

Infectivity

Lammel EL et al
1981 Acta Trop 38 (2) June 107-114 Wa
Trypanosoma cruzi, comparative studies of infectivity of parasites ingested by Triatoma infestans and those present in their feces

Infectivity

Lewis JW; D'Silva J
1980 J Zool London 191 (3) July 429-433 Wa
Syphacia muris in male and female rats, role of host feeding and defaecation activity in rhythmic deposition of eggs by female nematodes, infectivity of eggs in relation to timing of peak of egg deposition

Infectivity

McGhee MB et al
1981 J Wildlife Dis 17 (3) July 353-364 Wa
Haemonchus contortus derived from white-tailed deer and cattle, relative pathogenicity and infectivity for white-tailed deer, cattle, and domestic sheep (all exper.), morphometric comparisons of nematodes of cattle and deer origin, results suggest that cross-transmission occurs between deer and domestic livestock

Infectivity

Mascaro Lazcano MC
1979 Rev Iber Parasitol 39 (1-4) Jan-Dec 299-303 Wa
Trichinella spiralis, 2 strains, infectivity to albino male mice

Infectivity

Mendis KN; Targett GAT
1981 Tr Roy Soc Trop Med and Hyg 75 (1) 158-159 Wa
Plasmodium yoelii, mice, immunization to produce transmission-blocking immunity, nature of anti-gamete immunity produced by vaccination, factors that determine infectivity of gametocytes in non-vaccinated animals

- Infectivity**
Nantulya VM; Doyle JJ; Jenni L
1978 Acta Trop 35 (4) Dec 329-337 Wa
Trypanosoma congolense, cloned and uncloned derivatives of 3 recent field isolates, pleomorphism of bloodstream forms during course of first parasitaemic wave in mice, pleomorphism occurred both in normal and lethally irradiated mice even when infection was initiated using single organism, morphological types differed in their infectivity for mice
- Infectivity**
Neal RA; McHardy N
1977 Acta Trop 34 (1) Mar 79-85 Wa
Trypanosoma cruzi, comparison of infectivity of blood stream trypanomastigotes vs. metacyclic trypanomastigotes from Rhodnius prolixus, blood stream forms are slightly more virulent for mice, route of injection is significant; numbers of metacyclic trypanosomes found in bugs
- Infectivity**
Ngimbi NP et al
1979 Ann Soc Belge Med Trop 59 (3) Sept 237-250 Wa
Plasmodium berghei, sporozoites used for laboratory studies, survival and infectivity dependent on such factors as culture medium, temperature in culture or in vector salivary glands, route of inoculation into laboratory animals
- Infectivity**
Nillni EA; Londner MV; Spira DT
1981 Ztschr Parasitenk 64 (3) 279-284 Wa
Plasmodium berghei, simple method for separation of uninfected erythrocytes from infected erythrocytes and for isolation of artificially released parasites, assays of parasite purity and viability
- Infectivity**
Petersen JJ
1980 Mosquito News 40 (4) Dec 640-641 Wa
Romanomermis culicivorax, effect of culture age on infectivity of preparasitic nematodes
- Infectivity**
Petersen JJ
1981 J Invert Path 37 (3) May 290-294 Wa
Octomyomermis muspratti, infectivity for Culex pipiens over range of salinities and dilutions of organically rich tree-hole water (comparison with Romanomermis culicivorax), effect of host diet, host density, and worm burden on parasite male-female sex ratios, longevity of laboratory cultures subjected to continual intermittent floodings, advantages of O. muspratti over R. culicivorax as potential biological control agent for mosquitoes
- Infectivity**
Piekarski G; Pelster B
1980 Oeffentl Gsndhtsw 42 (1) Jan 6-12 Wm
intestinal parasites, survival in treated sludge, survey, recommendations for use of agricultural sludge (infectivity of different parasitic stages is continuously reduced so that risk of disease transmission can be controlled by differentiating sludge piles)
- Infectivity**
Ray DK; Shrivastava VB
1981 Tr Roy Soc Trop Med and Hyg 75 (4) 566-567 Wa
Ancylostoma ceylanicum, Necator americanus, infectivity for hamsters of ingested fourth-stage larvae and adult hookworms, epidemiological significance
- Infectivity**
Rickman LR
1981 Tr Roy Soc Trop Med and Hyg 75 (1) 122-123 Wa
Trypanosoma b. brucei. T. b. rhodesiense, effects of serum samples from some African game animals in blood incubation infectivity test, implications for role of wild fauna as reservoirs of trypanosomes pathogenic to man and to his domestic animals
- Infectivity**
Rickman L; Kolala F; Mwanza S
1981 Acta Trop 38 (2) June 115-124 Wa
Trypanosoma brucei subspecies clone, successive variable antigen types, variation in sensitivity/resistance to some African game animal sera in modified version of blood incubation infectivity test, all 7 VATs resistant to normal human serum (typical of T. b. rhodesiense)
- Infectivity**
Riou GF; Belnat P; Benard J
1980 J Biol Chem 255 (11) June 10 5141-5144 Wa
Trypanosoma equiperdum, complete loss of kinetoplast DNA sequences induced by ethidium bromide or by acriflavine, same infectivity in mice and rats as kinetoplastic strain, concluded that no component of kNDA network is essential to viability and pathogenicity
- Infectivity**
Saari M; Raisanen S
1974 Acta Optht 52 (6) Dec 847-852 Wm
Toxoplasma gondii, survival of trophozoites, infectivity sustained in human tears, saliva, and urine, and in pasteurized cow's milk, results suggest that trophozoites can survive in excretions outside body long enough to transmit disease
- Infectivity**
Sangster NC et al
1980 Research Vet Sc 29 (1) July 26-30 Wa
Trichostrongylus colubriformis and Ostertagia spp. resistant to levamisole, morantel tartrate and thiabendazole, infectivity, pathogenicity, host susceptibility and drug efficacy in two experimentally infected sheep breeds
- Infectivity**
Schupp E et al
1980 Ztschr Parasitenk 62 (3) 213-230 Wa
Trypanosoma brucei, ultrastructural changes during deep-freeze storage related to impairments in motility and infectivity
- Infectivity**
Segura EL et al
1980 Medicina Buenos Aires 40 Suppl (1) 97-102 Wm
Trypanosoma cruzi, characteristics of infectivity of 3 populations obtained from cultures
- Infectivity**
Segura EL et al
1980 Medicina Buenos Aires 40 Suppl (1) 256-257 Wm
Trypanosoma cruzi, cultured forms, variation in infective capacity
- Infectivity**
Semprevivo LH; Yusuf JN; Honigberg BM
1981 Ztschr Parasitenk 65 (1) 43-51 Wa
Leishmania donovani, 2 substrains, changes in growth rates of promastigotes and amastigotes as well as in infectivity of promastigotes during course of cultivation, animal passages, and heat adaptation

- Infectivity**
Sexton S
1979 3 Austral Applied Entom Research Conf
(Lawes Queensland June 11-15) 2(a)4-6 Wa
Nosema locustae in some Australian acridids
(exper.), infectivity tests, potential biolog-
ical control agent; preliminary field trials
against Phaulacridium vittatum populations
- Infectivity**
Sharma SP; Dubey JP
1981 Am J Vet Research 42 (1) Jan 128-130 Wa
Toxoplasma gondii, quantitative survival of
tachyzoites and bradyzoites in pepsin vs. try-
psin solutions, infectivity to mice, usefulness
of pepsin solution for parasite isolation from
chronically infected animals
- Infectivity**
Soares VA; Marsden PD
1979 Rev Brasil Pesqui Med e Biol 12 (6) Dec
367-370 Wm
Trypanosoma cruzi, survival in dead vector bugs
(exper.), Peru strain survived 8 days in Tri-
toma infestans and 9 days in Dipetalogaster
maximus, freezing increased survival time to
60 days
- Infectivity**
Stirewalt M; Lewis FA
1981 Internat J Parasitol 11 (4) Aug 301-308 Wa
Schistosoma mansoni, effect of rotifer infesta-
tion of host snails on cercarial output, motil-
ity, and infectivity, significance to labora-
tory maintenance of S. mansoni, may be factor
which reduces infective index under field con-
ditions
- Infectivity**
Weiland G et al
1981 Berl u Munchen Tierarztl Wchnschr 94 (8)
Apr 15 150-153 Wa
Trypanosoma congolense, mice inoculated with
parasites pretreated with anti-BoLA (Bovine
Lymphocyte Antigens), altered infectivity and
pathogenicity
- Inflammation**
Ali-Khan Z; Siboo R
1980 Ztschr Parasitenk 62 (3) 241-254 Wa
Echinococcus multilocularis, growth of sub-
cutaneous alveolar hydatid cyst in mice, histi-
ogenesis, semiquantitative analysis of inflam-
matory infiltrates and their relationship to
cysts and brood capsules in early and chronic
infections
- Inflammation**
Andrade SG; Andrade ZA; Sadigursky M
1980 Am J Trop Med and Hyg 29 (5 pt 1) Sept 766-
773 Wa
Trypanosoma cruzi, dogs (exper.), effects of
combined treatment with nifurtimox + betametha-
sone evaluated clinically, electrocardiographi-
cally, and histologically, abolished both in-
fection and associated inflammation
- Inflammation**
Bentley AG; Carlisle AS; Phillips SM
1981 Am J Trop Med and Hyg 30 (1 pt 1) Jan
102-112 Wa
Schistosoma mansoni, rats, initial and chal-
lenge infections, cellular response in lungs
and liver, ultrastructural analysis
- Inflammation**
Bentley AG; Carlisle AS; Phillips SM
1981 Am J Trop Med and Hyg 30 (4) July 815-824
Wa
Schistosoma mansoni in resistant CDF rat and
more susceptible BALB/c mouse, primary and
challenge exposures, ultrastructural analysis
of cellular response, inflammatory responses
in skin
- Inflammation**
Castro GA; Malone C; Smith S
1980 J Parasitol 66 (3) June 407-412 Wa
Trichinella spiralis, rats, systemic anti-
inflammatory effect associated with enteric
trichinellosis
- Inflammation**
Chineme CN
1980 J Wildlife Dis 16 (3) July 377-380 Wa
Eimeria cameli in Camelus dromedarius (jeju-
num), gross and histopathologic lesions in in-
testinal tract, presence of giant schizonts in
various developmental stages in lamina propria
of jejunum, associated inflammatory cellular
response: Zaria, Nigeria
- Inflammation**
Conley FK; Jenkins KA
1981 Infect and Immun 31 (3) Mar 1184-1192 Wa
Toxoplasma gondii, immunohistological study of
anatomic relationship of parasite antigens to
inflammatory response in brains of chronically
infected mice, use of peroxidase-
antiperoxidase staining technique
- Inflammation**
Emery DL; Moloo SK
1980 Acta Trop 37 (2) June 137-149 Wa
Trypanosoma brucei, sequential cellular chang-
es in local skin reaction produced in goats by
bite of infected Glossina m. morsitans,
appears to represent essentially combination
of acute inflammatory response and immunolog-
ical reaction
- Inflammation**
Goven AJ; Moore GW
1980 Ztschr Parasitenk 61 (3) 265-269 Wa
Trichinella spiralis, congenitally athymic
(nude) mice (exper.), absence of increased
bone marrow eosinophilia or elevation in
intestinal phospholipase B activity
- Inflammation**
Gray AR; Luckins AG
1980 J Comp Path 90 (4) Oct 449-512 Wa
Trypanosoma congolense, cyclical transmission
to rabbits, calves, and sheep by infected Glos-
sina morsitans, local skin reactions, trypano-
some distribution in host, and pathological
changes during initial stage of infection
- Inflammation**
Henson PM; Mackenzie CD; Spector WG
1979 Bull World Health Organ 57 (5) 667-682 Wa
Onchocerca volvulus, human, inflammatory re-
actions during course of natural disease and
during drug (especially diethylcarbamazine)
treatment, review of possible mechanisms and
etiology of these reactions, recommendations
for further study

Inflammation

- Jensen DL; Castro GA
1981 Exper Parasitol 52 (1) Aug 53-61 Wa
Trichinella spiralis, migration of rat peritoneal cells (predominantly eosinophils) toward parasite incubates, (normal or immune) rat serum, or (normal or immune) rat spleen cells, or combinations of these 3 components, results indicate generation in presence of rat serum of factors chemotactic for rat cells

Inflammation

- Lundblad G et al
1981 Comp Biochem and Physiol 68B (1) 71-76 Wa
Entamoeba histolytica, β -N-acetylglucosaminidase, purification and partial characterization, may contribute to inflammatory reactions in tissues of patients with invasive amoebiasis

Inflammation

- Nelson WA; Kozub GC
1980 J Med Entom 17 (4) July 31 291-297 Wa
Melophagus ovinus, sheep (exper.), evidence that acquired host resistance is locally mediated and lost with subsequent non-exposure, suggestion of an immune component, histopathological studies show inflammatory reaction with eosinophils in high numbers

Inflammation

- Olveda RM; Olds GR; Mahmoud AAF
1981 Am J Path (471) 104 (2) Aug 150-158 Wa
Schistosoma mansoni-infected and uninfected mice, quantification of pulmonary inflammatory response around schistosomula, correlation with acquired resistance, augmented inflammation and enhanced protection induced by prior sensitization with dead schistosomula or eggs and by adoptive transfer of serum, serum activity shown to reside in fraction containing IgG₁

Inflammation

- Rose ME; Hesketh P; Ogilvie BM
1980 Parasite Immunol 2 (3) Autumn 189-199 Wa
Eimeria maxima, chickens, E. nieschulzi, rats, localization of lymphoblasts in infected small intestine

Inflammation

- Savage AM; Colley DG
1980 Am J Trop Med and Hyg 29 (6) Nov 1268-1278 Wa
Schistosoma mansoni, eosinophil in inflammatory response to cercarial challenge of sensitized vs. chronically infected CBA/J mice

Inflammation

- Uhazy LS
1978 J Wildlife Dis 14 (4) Oct 401-408 Wa
Philometroides huronensis in Catostomus commersoni, lesions and inflammatory response related to development and release of first-stage larvae from gravid worm: southern Ontario

Inflammation

- Wakelin D; Donachie AM
1980 Parasite Immunol 2 (4) Winter 249-260 Wa
Trichinella spiralis, adoptive transfer of immunity between inbred strains of mice characterized by rapid and slow immune expulsion used to analyze role of immune and inflammatory events in determining strain-characteristic time of worm expulsion

Inflammation

- Weinstock JV et al
1981 J Clin Invest 67 (4) Apr 931-936 Wa
Schistosoma mansoni-infected mice, SQ 14225 (inhibitor of angiotensin I-converting enzyme (ACE)) can partially inhibit granulomatous response to schistosome eggs and pathological manifestations of schistosomiasis, possibility that ACE has inflammatory role in granulomatous inflammation

Inflammation

- Willms K; Merchant MT
1980 Parasite Immunol 2 (4) Winter 261-275 Wa
Taenia solium larvae (Cysticercus cellulosae) in pig muscle surrounded by inflammatory reaction with general characteristics of chronic granuloma, ultrastructural and light microscopic observations, indications that this is an immunological reaction

Inhibited development See Development

Integument [See also Cuticle; Parasite surfaces; Skin; Tegument]

Integument

- Amosova LI
1975 Parazitologiya Leningrad 9 (5) Sept-Oct 412-418 Wa
Hyalomma asiaticum nymphs, ultrafine structure of integument during starvation and feeding, electron microscopy

Integument

- Cornford EM; Bocash WD; Oldendorf WH
1981 J Parasitol 67 (1) Feb 24-30 Wa
Schistosomatium douthitti, transintegumental glucose uptake in male and female worms, possible implications for male-female nutritional relationships

Integument

- Hamilton-Attwell VL
1979 Proc Electron Microsc Soc South Africa 9 103-104 Wa
Schistosoma margrebowiei, S. leiperi, males, comparison of integumental surfaces

Integument

- Khan RA; Emerson CJ
1981 Tr Am Micr Soc 100 (1) Jan 51-55 Wa
marine leeches, integumentary surface structures revealed by scanning electron microscopy

Integument

- Lumsden RD; Murphy WA
1980 Ohio State Univ Biosc Colloq (5) 95-130 Wm; Wa
cestode surface, morphological and functional aspects, review

Integument

- Miegeville M; Marjolet M; Vermeil C
1979 Bull Soc Path Exot 72 (4) July-Aug 340-344 Wa
Dipetalonema viteae, scanning electron microscopy, integumental surface of larvae

Intelligence

- Ejezie GC; Ade-Serrano MA
1981 Trop and Geogr Med 33 (2) June 175-180 Wa
Schistosoma haematobium, primary school children, study on prevalence, intensity, and morbidity of infection (physical status, age, school performance, school attendance), concluded that only minimal morbidity is associated with infection in the Badagry area: Nigeria

- Intelligence
Hengst P
1979 Ang Parasitol 20 (4) Nov 216-221 Wa
Toxoplasma gondii, prospective survey of 1,697 pregnant women, clinical symptoms, age frequency, intellectual capability and central nervous system changes in children serologically positive for Toxoplasma infection
- Intelligence
Witting PA
1979 Ztschr Parasitenk 61 (1) 29-51 Wa
Toxoplasma, learning capacity and memory of normal and infected laboratory rats and mice, relationship to number of brain cysts
- Interferon
Brener Z
1980 Advances Parasitol 18 247-292 Wa
Trypanosoma cruzi, human, immunity, extensive review: antigenic constitution; natural immunity; humoral immune response (immunoglobulins; role of antibodies in host resistance; spleen and host resistance; complement; interferon); cell-mediated immune response (tests in vitro; delayed hypersensitivity; CMI and resistance; cytotoxicity mechanisms; macrophages); effects of immunosuppressors in Chagas' disease; immunodepression in course of Chagas' disease; evasion of immune response; auto-immune reactions; vaccination
- Interferon
Buxton D et al
1980 J Comp Path 90 (2) Apr 331-338 Wa
Toxoplasma gondii in mice infected with louping-ill virus may stimulate 2 independent mechanisms: increased susceptibility to the virus and antiviral activity, possibly mediated by toxoplasma stimulation of interferon production
- Interferon
Clark IA et al
1981 Infect and Immun 32 (3) June 1058-1066 Wa
Plasmodium vinckei petteri-infected mice given small injection of endotoxin, release of macrophage-derived mediators (tumor necrosis factor, lymphocyte-activating factor, type I interferon), possible importance in pathogenesis of acute malaria
- Interferon
Hunter KW jr et al
1981 Immunol Letters 2 (4) Jan 209-212 Wa
Plasmodium yoelii, mice, early enhancement of natural killer cell activity (correlated with transient early rise in serum interferon levels) followed by marked suppression later in course of infection, antibody-dependent cell-mediated cytotoxicity and responses of T and B lymphocytes to mitogens were suppressed throughout course of infection
- Interferon
Sauvager F; Fabiani G; Fauconnier B
1979 Ann Microbiol 130 A (3) Apr 373-383 Wa
Plasmodium berghei, mice infected by various doses, interferon production; chloroquine treatment and splenectomy reduced Plasmodium development and interferon production
- Interferon
Shirahata T; Shimizu K
1980 Microbiol and Immunol 24 (11) 1109-1120 Wa
Toxoplasma gondii, production and properties of immune interferon from spleen cell cultures of infected mice
- Intestine [See also Colitis; Digestive system; Enteritis; Gastroenteritis]
- Intestine, Host
Ball SJ; Heading CE; Tranter B
1980 Experientia 36 (7) July 15 839-840 Wm
Eimeria nieschulzi-infected rats, absorption of glycine and proline through jejunum and ileum, was impaired when the amino acids were presented to mucosal surface as either a mixture or the dipeptide glycyl-proline
- Intestine, Host
Burden DJ et al
1981 Parasitology 83 (2) Oct 249-252 Wa
Fasciola hepatica, rats, technique for study of gut penetration by juvenile flukes, involves ligation of small sections of small intestine and introduction of artificially excysted flukes into these gut loops, more flukes reached body cavity in naive rats than in resistant rats
- Intestine, Host
Cook RW; Williams JF
1981 J Comp Path 91 (2) Apr 205-217 Wa
Taenia taeniaeformis, rats (exper.), micro- and macroscopic changes in gastrointestinal tract, body and organ weights, intestinal mast cell and eosinophil counts
- Intestine, Host
Farmer SG
1981 Parasite Immunol 3 (3) Autumn 227-234 Wm
Nippostrongylus brasiliensis-infected rats, propulsive activity of small intestine, possible relationship to mechanism of worm expulsion
- Intestine, Host
Ferguson A; Gillon J; al Thamery D
1980 Tr Roy Soc Trop Med and Hyg 74 (4) 445-448 Wa
Giardia muris, mice, intestinal abnormalities
- Intestine, Host
Forsum E; Nesheim MC; Crompton DWT
1981 Parasitology 83 (3) Dec 497-512 Wa
Ascaris suum, young pigs receiving diets low in protein, effects of infection on growth, food intake, nitrogen and fat utilization, intestinal disaccharidase activity, lactose tolerance, and weight of intestinal tract
- Intestine, Host
George PV; Nadakal AM
1981 Hydrobiologia 78 (1) Feb 27 59-62 Wa
Serrasentis nadakali-infected Rachycentron canadus, intestinal pathology: Arabian Sea near Trivandrum coast
- Intestine, Host
Georgi ME; Han H; Hartrick DW
1980 Cornell Vet 70 (1) Jan 43-49 Wa
Spirocerca lupi nodule in rectum of dog, cause of rectal prolapse, surgically removed: Connecticut
- Intestine, Host
Gregory MW; Nolan A
1981 Research Vet Sc 30 (3) May 385-387 Wa
Eimeria spp., lambs, globule leucocyte and mucosal mast cell populations in small intestine (excluding lymphoid areas), globule leucocyte and mucosal mast cell populations in mucosa overlying Peyer's patches and in adjacent areas of same section, % distribution of globule leucocytes in mucosa of sections which showed large numbers of these cells

- Intestine, Host
Herweg C; Kunstyr I
1979 Zentralbl Bakteriologie 1 Abt Orig Reihe A
245 (1-2) Oct 262-269 Wa
Spiroplasma muris, athymic (nude) mice (exper.), effect of infection and dimetridazole on intestinal microflora
- Intestine, Host
Hutchison WM et al
1980 Ann Trop Med and Parasitol 74 (4) Aug
427-437 Wa
Toxoplasma gondii, normal appearance of cat small intestine, mucosal alteration observed during infection, appearance of merozoites and oocysts, scanning electron microscopy
- Intestine, Host
Hutchison WM et al
1981 Ann Trop Med and Parasitol 75 (1) Feb
115-116 Wa
Isospora felis-infected cats, scanning electron microscopy of small intestine, morphological appearance indicates that absorption may be greatly impaired
- Intestine, Host
Katiyar JC; Gupta S; Sen AB
1980 Indian J Exper Biol 18 (11) Nov 1288-1290 Wa
Hymenolepis nana-infected rats, histamine contents of intestines, possible role of excess histamine with regard to immunity and/or physiology
- Intestine, Host
Kaushik RK
1980 Indian Vet J 57 (2) Feb 170 Wa
Ascaridia galli, chick (exper.), development of diverticulum in duodenum
- Intestine, Host
Ljungstroem I et al
1980 Infect and Immun 30 (3) Dec 734-740 Wa
Trichinella spiralis, mice, effect of parasite infection on intestinal fluid transport in concomitant enterotoxic diarrhea (cholera) and on local and systemic antibody formation to cholera toxin immunization
- Intestine, Host
Martin J
1980 Parasitology 80 (1) Feb 39-47 Wa
Nippostrongylus brasiliensis-infected rats maintained on low protein diet, scanning electron microscopy of small intestinal pathology
- Intestine, Host
Martin J; Lee DL
1980 Parasitology 81 (3) Dec 573-578 Wa
Nematodirus battus-infected lambs, scanning electron microscopy of duodenal mucosa, position of nematode within intestine, possible role of villus atrophy and of mucus in worm rejection
- Intestine, Host
de Medeiros RR et al
1980 Rev Paul Med 96 (3-4) Sept-Oct 61-65 Wm
Chagas disease, patients with chagasic megacolon, comparative study of surgical therapeutic techniques, their complications, and their results (normalization vs. recurrence)
- Intestine, Host
Ogunbiyi AO; Uche EMI
1981 Lab Animals 15 (2) Apr 129 Wa
Eimeria magna and E. perforans mixed infection in Oryctolagus cuniculus associated with intussusception
- Intestine, Host
Ottaway CA et al
1980 Immunology 41 (4) Dec 963-971 Wm
Trichinella spiralis, mice, primary enteric infection, alteration in nature of connection between regional blood flow and localization of lymphoblasts in small intestine
- Intestine, Host
Przyjalkowski Z; Warton A
1980 Bull Acad Polon Sc Cl II s Sc Biol 28 (1-2)
75-79 Wa
Trichinella spiralis-infected germfree and conventional mice, scanning electron microscopy of small intestinal epithelium
- Intestine, Host
Rose ME; Hesketh P; Ogilvie BM
1980 Parasite Immunol 2 (3) Autumn 189-199 Wa
Eimeria maxima, chickens, E. nieschulzi, rats, localization of lymphoblasts in infected small intestine
- Intestine, Host
Ruff MD; Augustine PC; Madden PA
1981 Exper Parasitol 51 (1) Feb 87-94 Wa
Eimeria meleagridis, E. adenoeides, or E. dispersa, turkeys (exper.), severity of infection, intestinal malabsorption, and intestinal morphology
- Intestine, Host
Ruitenberg EJ; Buys J
1980 Vet Immunol and Immunopath 1 (3) Aug
199-214 Wa
Trichinella spiralis, mice, effects of pregnancy on course of infection and associated histopathological changes in thymus and small intestine (litter size, thymus atrophy and thymus mast cells, worm expulsion, recovery of muscle larvae, intestinal mast cells and globule leucocytes, intestinal eosinophils, antibody production, blood eosinophilia)
- Intestine, Host
Scofield AM
1980 Experientia 36 (12) Dec 15 1404-1405 Wa
Nippostrongylus brasiliensis, rats, primary vs. secondary infections, intestinal glucose absorption and metabolism, pattern of changes probably related to host immunological activity
- Intestine, Host
Sherif SM et al
1977 Ain Shams Med J 28 (1-2) Jan-Mar 31-45 Wm
schistosomal polyposis of colon, humans, accompanied by intestinal malabsorption resulting in cachexia and malnutrition, pathology compared with patients with schistosomal liver fibrosis and with normal controls
- Intestine, Host
Smith RR; Ruff MD; Witlock DR
1980 Proc Helminth Soc Washington 47 (2) July
235-246 Issued Aug 25 Wa
Eimeria necatrix-infected chickens (exper.), response of jejunum to infection and subsequent effect on methionine and glucose absorption, light and electron microscopy
- Intestine, Host
Souidan MZ et al
1979 J Egypt Med Ass 62 (1-2) 119-145 Wm
schistosomiasis, human hepatosplenic infections, small intestinal function, histology, and histochemistry

- Intestine, Host
Turk DE
1981 Poultry Science 60 (2) Feb 323-326 Wa
Eimeria spp., chickens (exper.), effect of infection on host growth and intestinal absorption of iron
- Intestine, Parasite
Beames CG jr; Merz JM; Donahue MJ
1981 Biochem Parasites (Slutzky) 75-83 Wa
Ascaris suum, intestine, some biochemical and physiological characteristics, movement of electrolytes and non-electrolytes across epithelial cell membrane and permeability characteristics of basement membrane
- Intestine, Parasite
Chaika SIu
1980 Biol Nauki Min Vyssh i Sredn Spetsial Obrazovan SSSR (193) (1) 61-64 Wa
Ceratophyllus sciurorum larvae, ultrastructure of mid-gut
- Intestine, Parasite
Howells RE; Chen SN
1981 Exper Parasitol 51 (1) Feb 42-58 Wa
Brugia pahangi, transcuticular uptake of D-glucose, L-leucine, and adenosine in vitro, no evidence for oral ingestion of materials in vitro but oral uptake of Trypan blue demonstrated in vivo, ultrastructure and cytochemical staining reactions for enzymes of gut and body wall
- Intestine, Parasite
Hung CH; Butkowski RJ; Hudson BG
1980 J Biol Chem 255 (10) May 25 4964-4971 Wa
Ascaris suum, intestinal basement membrane, properties of collagenous domain
- Intestine, Parasite
Lee DL
1968 J Zool London 154 (1) Jan 9-18 Issued Jan 16 Wa
Nippostrongylus brasiliensis, ultrastructure of alimentary tract of infective (3rd) stage larvae, light and electron microscopy
- Intestine, Parasite
Lee DL; Martin J
1980 Parasitology 81 (1) Aug 27-33 Wa
Nematodirus battus, lambs, structure of parasite intestine, changes in structure during course of infection considered to have been initiated by immune response
- Intestine, Parasite
Lee DL; Nixon PE; North ACT
1980 Proc Roy Soc London s B Biol Sc (1173) 208 July 17 409-414 Wa
Nematodirus battus, crystals found in intestine, electron microscope study of molecular structure, possible immunological significance (may be antibody-antigen complex)
- Intestine, Parasite
Maki J; Yanagisawa T
1980 J Helminth 54 (1) Mar 39-41 Wa
filariae, other parasitic nematodes, histochemical distribution of acid phosphatase in body wall and intestine of adult female worms
- Intestine, Parasite
Maki J; Yanagisawa T
1980 Parasitology 81 (3) Dec 603-608 Wa
Setaria sp. vs. 4 gastrointestinal nematodes, histochemical localization of acid phosphatase activity with special attention to body wall and intestine, possible physiological significance
- Intestine, Parasite
Molyneux DH; Selkirk M; Lavin D
1978 Acta Trop 35 (4) Dec 319-328 Wa
Trypanosoma melophagium in Melophagus ovinus, scanning electron microscopy of parasites and of insect gut wall surfaces, method of attachment and relationship of parasites to host surfaces
- Intestine, Parasite
Poinar GO jr; Hess R; Doucet M
1981 Rev Nematol 4 (1) 35-40 Wa
parasitic juvenile mermithids (Empidomermis riouxi and undetermined species from Porcellio scaber), cuticle and hypodermis, intestine, ultrastructure, surface modifications of hypodermal and trophosome cells, possible implications for mode of uptake of nutrients
- Intestine, Parasite
Robinson GA; Fried B
1980 J Parasitol 66 (6) Dec 954 Issued May 6 1981 Wa
Amblosoma suwaense, histochemical observations on melanin in intestinal ceca of metacercariae
- Intestine, Parasite
Rohde K
1980 Ang Parasitol 21 (1) Feb 32-48 Wa
Gotocotyla secunda, Hexostoma euthynni, ultrastructure of various organ systems, phylogenetic relationship to parasitic platyhelminths
- Intestine, Parasite
Trimble JJ III; Thompson SA
1980 Cell and Tissue Research 205 (1) Jan 55-65 Wa
Ascaris suum, intestinal epithelium, strong electronegative charge on microvillar surface and basal membrane believed due to carboxyl groups of uronic acid and/or acidic amino acids
- Intestine, Parasite
Wagner G; Seitz KA
1981 Zool Jahrb Jena Abt Anat 105 (4) 571-602 Wa
Pelodera strongyloides adult males vs. females, functional morphology of digestive tract, light and electron microscopy
- Intrauterine infection See Prenatal infection
- Invasion mechanisms [See also Endocytosis; Penetration; Phagocytosis]
- Invasion mechanisms
Aikawa M
1980 Ohio State Univ Biosc Colloq (5) 31-46 Wm; Wa
Plasmodium, host cell invasion, review: recognition and initial attachment, invagination of host plasmalemma, sealing of host cell membrane, alteration of host cell membrane
- Invasion mechanisms
Banyal HS et al
1981 J Parasitol 67 (5) Oct 623-626 Wa
Plasmodium knowlesi, evidence for possible involvement of parasite's proteases in process of entrance of merozoites into host erythrocytes
- Invasion mechanisms
Cogley TP; Anderson JR
1981 Internat J Parasitol 11 (4) Aug 281-286 Wa
Cephenemyia apicata, C. jellisoni, mode of invasion of Odocoileus hemionus columbianus by nose bot fly larvae under observable experimental conditions, also observations of larvae on Ovis aries

Invasion mechanisms

- Coil WH
1981 Ztschr Parasitenk 65 (3) 299-307 Wa
Fascioloides magna, miracidia, mechanisms of attachment and penetration, Fossaria bulimoides, transmission and scanning electron microscopy

Invasion mechanisms

- Dluzewski AR et al
1981 Brit J Haematol 49 (1) Sept 97-101 Wa
Plasmodium falciparum, P. knowlesi, technique that achieves invasion of lysed and resealed human and simian erythrocytes, applications for the study of process of parasite invasion of cells

Invasion mechanisms

- Dutta GP; Banyal HS
1981 Indian J Exper Biol 19 (1) Jan 9-11 Wa
Plasmodium knowlesi, in vitro susceptibility of erythrocytes of Presbytis entellus, blocking of merozoite invasion process by certain protease inhibitors, evidence suggests that proteases of merozoites may be involved in invasion process

Invasion mechanisms

- Dvorak JA; Crane MSJ
1981 Science (4524) 214 Nov 27 1034-1036 Wa
Trypanosoma cruzi, Toxoplasma gondii, attachment and subsequent entry phase are dependent on position of vertebrate host cell in its growth cycle, cell surface components acting as receptors are probably responsible for this phenomenon

Invasion mechanisms

- Gothe R; Burkhardt E
1979 Ztschr Parasitenk 60 (3) 221-227 Wa
Aegyptianella pullorum, erythrocytic entry- and exit-mechanisms, scanning and transmission electron microscopy

Invasion mechanisms

- Henriquez D; Piras R; Piras MM
1981 Molec and Biochem Parasitol 2 (5-6) Apr 359-366 Wa
Trypanosoma cruzi, effect of surface membrane modification of fibroblastic host cells on entry process of trypomastigotes

Invasion mechanisms

- Howard RJ; Miller LH
1981 Ciba Found Symp (80) 202-219 Wm
invasion of erythrocytes by malaria merozoites, evidence for specific receptors involved in attachment and entry, review

Invasion mechanisms

- Jack RM; Ward PA
1980 J Immunol 124 (4) Apr 1566-1573 Wm
Babesia rodhaini in 2 different in vitro culture systems, interactions with complement, relationship to parasite entry into red cells

Invasion mechanisms

- Johnson JG et al
1980 Parasitology 80 (3) June 539-550 Wa
Plasmodium knowlesi, factors affecting ability of isolated merozoites to attach to and invade erythrocytes

Invasion mechanisms

- Jones TC
1981 Am J Pathol 102 (1) Jan 127-132 Wa
obligate intracellular protozoa, interactions with murine macrophages, symposium presentation: protozoal entry mechanisms and phagolysosomal system; protozoal intracellular survival and effects on macrophage function; macrophage antigen processing and genetics of immune response (includes mention of immunosuppression); lymphokine-induced microbicidal and microbistatic changes

Invasion mechanisms

- Kidson C
1981 Proc National Acad Sc 78 (9) Biol Sc Sept 5829-5832 Wa
Plasmodium falciparum, ovalocytic erythrocytes from Melanesians are resistant to merozoite invasion in vitro

Invasion mechanisms

- Lal AA; Maitra SC; Garg NK
1980 Indian J Exper Biol 18 (12) Dec 1387-1391 Wa
Hartmannella culbertsoni, changes in surface topography, lipid composition, and phospholipases of trophozoites cultured in presence of cholesterol; results suggest that when H. culbertsoni proliferates in host brain where it is exposed to environment of cholesterol it develops mechanical and enzymic tools for invading host tissue

Invasion mechanisms

- Lambert A
1980 Ann Parasitol 55 (2) Mar-Apr 165-198 Wa
oncomiracidia and phylogenesis of Monogenea, review and synthesis of published work: experimental techniques; Dactylogyridea, method of infestation of host-fish by oncomiracidia, post-larval morphogenesis of haptor

Invasion mechanisms

- Lamont G; Saul A; Kidson C
1981 Exper Parasitol 51 (1) Feb 74-79 Wa
Plasmodium falciparum, method for quantitatively assaying merozoite invasion of particular erythrocytes in vitro, technique used to determine effect of serum from infected patient on merozoite invasion of erythrocytes

Invasion mechanisms

- McColm AA; Hommel M; Trigg PI
1980 Molec and Biochem Parasitol 1 (2) Apr 119-127 Wa
Plasmodium knowlesi, inhibition of parasite invasion into rhesus monkey erythrocytes pre-treated with membrane-active drugs

Invasion mechanisms

- Matthews BF
1981 Parasitology 83 (3) Dec 587-593 Wa
Cercaria vaullegeardi in Tigriopus brevicornis (haemocoel) (exper.), inoculative mechanism whereby cystophorous cercariae infect copepod 2nd intermediate host related to ultrastructure of cercaria and to feeding mechanics of harpacticoids, cercarial viability decreased with age and varied with season

Invasion mechanisms

- Michel R et al
1980 Internat J Parasitol 10 (4) Aug 309-313 Wa
Toxoplasma gondii, formation of close junction during invasion of erythrocytes by trophozoites in vitro

- Invasion mechanisms
Mirelman D; Kobiler D
1981 Ciba Found Symp (80) 17-35 Wm
Entamoeba histolytica, presence of lectin which apparently plays role in adhesion of trophozoites to host cells, similarities and differences between lectin and toxin-like activities of E. histolytica, review
- Invasion mechanisms
Pearson RD et al
1981 Infect and Immun 32 (3) June 1249-1253 Wa
Leishmania donovani, interaction of promastigotes with human monocyte-derived macrophages: parasite entry, intracellular survival, and multiplication
- Invasion mechanisms
Perkins M
1981 J Cell Biol 90 (3) Sept 563-567 Wa
Plasmodium falciparum, inhibitory effects of erythrocyte membrane proteins on in vitro invasion of merozoites into host cell, observations imply role for glycoprotein A in attachment of malarial parasite to erythrocyte surface
- Invasion mechanisms
Porchet E; Richard A; Ferreira E
1981 J Protozool 28 (2) May 228-239 Wa
Aggregata eberthi, mechanism of host invasion in vivo (in the crab) and in vitro (in mollusc cell cultures), ultrastructural study, implications for mechanism of host specificity
- Invasion mechanisms
Stagg DA et al
1981 Parasitology 83 (1) Aug 191-197 Wa
Theileria parva, method for separation and concentration of large numbers of sporozoites from Rhipicephalus appendiculatus, course of initial infection of cattle leucocytes with sporozoites in vitro
- Invasion mechanisms
Ubelaker JE; Caruso J; Pena A
1981 J Parasitol 67 (2) Apr 219-221 Wa
Angiostrongylus costaricensis, normal infections in cecal vasculature of Sigmodon hispidus established by larvae given orally, intraperitoneally, subcutaneously, and on abraded (but not unabraded) skin; abnormal localization of adult worms in pulmonary arteries of one animal
- Invasion mechanisms
Ward PA; Jack RM
1981 Am J Path 102 (1) Jan 109-113 Wa
Babesia rodhaini, role of complement in entry process of merozoites into red cells, symposium presentation
- Invasion mechanisms
Weiss MM; Oppenheim JD; Vanderberg JP
1981 Exper Parasitol 51 (3) June 400-407 Wa
Plasmodium falciparum, merozoite penetration of human erythrocytes, assay in vitro for inhibitors, findings suggest that N-acetyl-glucosamine may be important component of glycoprotein receptor involved
- Invasion mechanisms
Werk R; Bommer W
1980 Tropenmed u Parasitol 31 (4) Dec 417-420 Wa
Toxoplasma gondii, membrane properties of active energy-dependent invasion of host cells
- Invasion mechanisms
Zenian A
1981 Exper Parasitol 51 (2) Apr 175-187 Wa
Leishmania tropica, biochemical aspects of promastigotes' attachment to macrophages in vitro
- Iran
Massoud J et al
1980 Am J Trop Med and Hyg 29 (3) May 389-392 Wa
intestinal helminths, human, prevalence, age distribution, rural vs. urban areas: Khuzestan Province, southwest Iran
- Iran
Nazari MR; Massoud J
1980 Bull Soc Path Exot 73 (1) Jan-Feb 108-111 Wa
intestinal helminths, population of 6 villages, incidence survey, intensity of hookworm infections correlated with blood changes, indications that hookworm anemia is not a significant problem: rural area of Khuzestan, south-west Iran
- Iraq
Abdullah IA; Salit AM
1980 J Egypt Soc Parasitol 10 (1) June 169-177 Wa
Intestinal and urinary tract parasites in Iraq with epidemiological notes
- Irradiation See Radiation
- Irrigation
Baker NF et al
1981 Am J Vet Research 42 (7) July 1188-1191 Wa
gastro-intestinal nematodes, use of tracer calves to determine seasonal development of and variations in numbers and species of infective larvae on irrigated pastures near Oak Grove, California
- Irrigation
Bunnag T et al
1980 Southeast Asian J Trop Med and Pub Health 11 (4) Dec 559-565 Wa
health survey (including serological and intradermal tests for Schistosoma japonicum and stools for intestinal parasites) for possible health hazards of the water resources development, residents in the area of the Phitsanulok Irrigation Project, Nan River Basin, Northern Thailand
- Irrigation
Finelle P
1980 Insect Sc and Its Applic 1 (1) 95-98 Wa
trypanosomiasis, impact of rural development and water management programs on epidemiology and epizootiology, review
- Irrigation
Jobin WR
1980 Am J Trop Med and Hyg 29 (1) Jan 86-94 Wa
bilharziasis, historical trends in disease distribution, influence of sugar cane irrigation projects, water supply programs, and rural community development schemes, possibility of complete control or eradication in near future: Puerto Rico

Irrigation

- Kloos H et al
1980 Ethiop Med J 18 (2) Apr 53-62 Wm
intestinal parasitism, incidence survey, mi-
grant farm labor populations in irrigation
schemes in the Awash Valley, and in major labor
source areas: Ethiopia

Irrigation

- Sornmani S et al
1981 Ann Trop Med and Parasitol 75 (3) June 335-
346 Wa
health and nutritional status of population in
Nam Pong Water Resource Development Project,
includes information on prevalence of parasit-
ic diseases with emphasis on intensity and
age-specific prevalence of *Necator americanus*
and *Opisthorchis viverrini*: Thailand

Irrigation

- Young RR; Anderson N
1981 Austral J Agric Research 32 (2) 371-388
Wa
Ostertagia ostertagi, eggs and larvae, develop-
ment and survival in cattle dung pats and on
surrounding herbage and soil over period of 12
months, weather and other conditions in plot
environment, effects of irrigation, implica-
tions of results for control: Victoria,
Australia

Isoelectric focusing See Electrophoresis

Isoenzymes See Enzymes

Italy

- Ceriani AL; Lepore G
1979 Gior Clin Med 60 (7) July 529-535 Wm
intestinal parasites, incidence survey,
children in kindergartens: Milan, Italy

Italy

- Clerici E et al
1979 Ann Sclavo 21 (5) Sept-Oct 698-706 Wm
intestinal parasites, survey, children aged 3-
5 attending kindergartens in Milan, Italy

Italy, Sicily

- Valentino L
[1980] Riv Parassitol Roma 39 (2-3) 1978
219-229 Issued Jan Wa
intestinal parasites, human, incidence from
1972-1977: Palermo area

Ivory Coast

- Haller L
1980 Acta Trop 37 (4) Suppl 11 Dec 41-55 Wa
parasites of school children, prevalence and
intensity, 4 age groups: Ivory Coast

Ivory Coast

- Nozais JP; Dunand J; Doucet J
1981 Med Trop 41 (2) Mar-Apr 181-185 Wm
intestinal parasitoses, incidence survey,
children from different villages of Ivory Coast

