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.
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 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 impossible; 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. Nominate 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 invaluabley by making publications available to us.
Abortion

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 etiological factor for abortion

Abortion
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 considera-
sions: Italy

Abortion
Toxoplasma gondii, in dairy goats, association
with abortion, epidemiologic investigation, isolation from doves, placentas, fetuses, kids,
cats, and chickens: Montana

Abortion
Toxoplasma gondii, dairy goats, abortion,
transplacental toxoplasmosis in kids, relation-
ship 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
Sarcocystis capracanis-like organism,
abortion and death in goats inoculated with
sporocysts from coyote feces

Abortion
Toxoplasma gondii, goats (exper.), abortion,
clinical signs, and distribution in host tissues

Abortion
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 Wm
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
Miglierini A; Ragazzini G 1981 Minerva Ginec 33 (4) Apr 321-324 Wm
Toxoplasmosis, pregnant women, clinicostatisti-
cal study, correlations between infections
and spontaneous abortions, general clinical,
and diagnostic review: Italy

Abortion
Munday BL 1981 Vet Parasitol 9 (1) Oct 17-26 Wm
Sarcocystis ovicanis, ewes (exper.), premature
twining, pathological findings; previous
infection with S. gigantia did not provide protection
from subsequent challenge with S. ovicanis

Abortion
Toxoplasmosis, diagnostic importance of sero-
immunological testing of pregnant women in
order to reduce prenatal infections and abor-
tions: Bratislava

Abortion
Poreek PK 1979 Indian Vet J 56 (12) Dec 995-996 Wm
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 Wm
Toxoplasma, goats, cause of perinatal death:
New South Wales

Abortion
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, inci-
dence survey, trichomonal colpitis, high in-
fec tion rate with threatened abortions and
premature deliveries: Martin

Abortion
van Zon AAJC; Eling WMC 1980 Infect and Immum 28 (2) May 630-632 Wm
Plasmodium berghei, mice, depressed malarial
immunity during pregnancy, malaria-associated
prematurity and abortion
Abscess, Amebic
Askerkhanov RP

Abscess, Amebic
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, Amebic
Kaufman DM; Kaplan JG; Litman N
1980 Neurology 30 (8) Aug 844-850 Wm spinal epidural abscesses, causes, includes Echinococcus granulosus, case report

Abscess, Amebic
Askerkhanov RP

Abscess, Amebic
Askerkhanov RP

Abscess, Amebic
Kaufman DM; Kaplan JG; Litman N
1980 Neurology 30 (8) Aug 844-850 Wm spinal epidural abscesses, causes, includes Echinococcus granulosus, case report

Abscess, Amebic
Askerkhanov RP
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
Chigot JP et al
1981 Med & Chir Digest 10 (1) 61-64 Wm chronic amebic 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 anterolateral 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
Coello H et al
1980 Nouv Presse Med 8 (8) Feb 17 610-611 Wm hepatic amoebic abscess, man, case report

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 prevalence, localizations, infection intensity, acute vs. chronic abscesses, association with cirrhosis, classification of intestinal lesions: Escuela de Medicina y Hospital Central de San Luis de Potosi, Mexico

Abscess, Amebic
Cruz I; Borges A; Mota JCB
1979 Acta Med Port 1 (1) Jan-Feb 79-87 Wm Entamoeba histolytica, man, hepatic abscess, 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 Wm amoebic hepatic abscess, humans with and without jaundice, no significant alterations of bilirubin UDP-glucuronyl transferase

Abscess, Amebic
Dewbury KC et al
1980 Brit J Radiol (636) 53 Dec 1160-1165 Wm ultrasound in the diagnosis of early liver abscesses, humans, includes Entamoeba histolytica 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
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, 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 demonstrated by counter immunoelectrophoresis, possible role in formation of immune complexes

Abscess, Amebic
Ghadirian E; Meervitch E
1980 Infect and Immun 31 (2) Feb 571-573 Wm Entamoeba histolytica, hamsters, effect of splenectomy on size of liver abscesses and metastatic foci

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, treatment, review

Abscess, Amebic
Greenstein AJ; Greenstein RJ; Sachar DB
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

Abscess, Amebic
Habibullah CM et al
1980 J Ass Physicians India 28 (7) July 177-179 Wm study of alpha-l-antitrypsin activity in liver diseases, elevated levels in patients with amoebic liver abscesses, useful in differential diagnosis
Abscess, Amebic
Hayes JG
Amebic liver abscess: Clinical presentation and diagnosis

Abscess, Amebic
Hobbs REP
1979 Brit J Hosp Med 22 (5) Nov 456-467 Wm
hepatic abscess, diagnosis and surgical procedures, postoperative management, includes information on amoebiasis, Echinococcus granulosus, and E. multilocularis

Abscess, Amebic
Ibarra-Peres C
1981 Chest 79 (6) June 672-677 Wm
Entamoeba histolytica, human, thoracic complications, 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
Jaroonvesama N et al
1978 Asian J Infect Dis 2 (4) Dec 265-269 Wm
Entamoeba histolytica, human hepatic abscesses, diagnosis by various radiographic methods, clinical aspects, therapy: Espana

Abscess, Amebic
Jenista Goena M et al
1980 Rev Espana Enferm 683-690 Wm
Entamoeba histolytica, human hepatic abscess, 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, human, case report, hepatitis 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 amebic hepatic abscess, case reports, clinical aspects

Abscess, Amebic
Landay MJ et al
1980 Am J Roentgenol 135 (3) Sept 449-454 Wm
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
amebic liver abscess, African university student, 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 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

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 conservative treatment with metronidazole and dehydroemetine, 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 amebic abscesses initially cured by metronidazole

Abscess, Amebic
Morse HG; Rate R
amebic 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 F et al
1981 J Ass Physicians India 29 (2) Feb 143-151 Wm
Entamoeba histolytica, human hepato-pulmonary infections with abscess, clinical features of 43 cases, therapeutic response to lumigyl: India

Abscess, Amebic
Olivos M, G; Amaro G, R; Penalosa M, P
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 Wm
amebic liver abscess, onchocerciasis, human serum anticomplementary screening for immune complexes
Abscess, Amebic

Graeme CR; et al
1981 Am J Gastroenterol 76 (1) Jan 52-54 Wa
Entamoeba histolytica, 21-month-old child, simultaneous amebic liver abscess and hepatitis A, case report, diagnostic problems

Abscess, Amebic

Petshchal B; Koonakosit R; Akarawong K
Entamoeba histolytica, humans with hepatic abscesses, leucocyte migration test demonstrates cell-mediated immune response, some evidence of immunosuppression

Abscess, Amebic

Peters WH et al
1979 Tropenmed u Parasitol 30 (4) Dec 409-416 Wa
Entamoeba histolytica, hepatic amebic abscesses, retrospective clinical evaluation of 27 cases: diagnostic methods, clinical findings, medical vs. surgical therapy

Abscess, Amebic

Powalowska J; Dziubinski K
1980 Polski Tygod Lekar 35 (21) May 26 799-800 Wa
Amebiasis, man, hepatic abscess after travel to tropical countries, case report

Abscess, Amebic

Rinaldi I; Murphy D
1979 Neurosurgery 5 (5) Nov 607-610 Wa
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

Riveros O; Prieto O; Riveros O
1979 Brit J Dis Chest 73 (3) July 302-304 Wa
Amebiasis, human hepatic abscesses, thoracic complications, clinical, radiological, and therapeutic features of 170 cases

Abscess, Amebic

Rouset JJ; Boussougant Y
1980 Nouv Presse Med 9 (8) Feb 16 536-537 Wa
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 W; Quenum C
1977 African J Med and Med Sc 6 (2) June 81-88 Wa
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 Wa
Amebiasis, 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 74 (3) Sept 234-238 Wa
Entamoeba 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

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 amebiasis, amebic liver abscess, and non-specific hepatomegaly, comparison with indirect haemagglutination assay

Abscess, Amebic

Tosswell JHC; Ridley DS; Warhurst DC
1980 J Clin Path 33 (1) Jan 33-35 Wa
Entamoeba histolytica, counterimmunoelectrophoresis as rapid screening test for liver abscesses

Abscess, Amebic

Tyagi SK et al
1980 J Ass Physicians India 28 (12) Dec 515-519 Wa
Amebic periardiitis as a rare but serious complication of amebic liver abscesses, clinical observations, diagnosis, case reports: India

Abscess, Amebic

Verlenden WL III; Frey CF
1980 Am J Surg 140 (1) July 53-59 Wa
Amebiasis, 13 patients with hepatic abscess, predisposing factors, diagnostic findings, importance of diagnosis and surgical intervention

Abscess, Amebic

Walnraub SE et al
1978 N York State J Med 80 (9) Aug 1431-1433 Wa
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 Wa
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 155-157 Wm
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 RS et al
1980 Tr Roy Soc Trop Med and Hyg 74 (5) 565-569 Wm
Giardia lamblia, rats, pathogenesis of malabsorption

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
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

Absorption, Host
Chavalittamrong B; Suntornpoch V; Siddhikol C
1980 Southeast Asian J Trop Med and Pub Health 11 (2) June 245-249 Wm
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 antigiardia agents: Thailand

Absorption, Host
Cook GC
1981 Acta Trop 38 (2) June 173-178 Wm
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 Wm
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1981 Gastroenterol Clin et Biol 5 (4) Apr 456-468 Wm
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Absorption, Host
Hale OM et al
1981 J Animal Sci 52 (2) 316-322 Wm
Oesophagostomum quadrinipulatum, O. dentatum, pigs (exper.), effect of different levels of infection on weight gain, digestion, and absorption of nutrients

Absorption, Host
Hansen BD; SIEEMAN HK; Pappas PW
1980 J Parasitol 66 (2) Apr 205-212 Wm
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, Host
Hoshika K et al
1980 Nippon Shokakibyo 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

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

Absorption, Host
James SC
1980 Parasitology 80 (2) Apr 313-322 Wm
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

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1978 Am J Gastroenterol 69 (6) June 694-700 Wm
Giardia lamblia, humans with symptomatic giardiasis, infestation had little effect on jejunal absorption studies, thus frank malabsorption syndrome apparently does not occur in giardiasis, if present it is indicative of coexisting disease

Absorption, Host
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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

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1981 Biochem Soc Tr 9 (1) Feb 131-132 Wm
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 meleagrimitis, E. adenoecides, or E. dispersa, turkeys (exper.), severity of infection, intestinal malabsorption, and intestinal morphology

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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 373-380 Wa
Nippostrongylus brasiliensis, rats, effect of level of infection on intestinal absorption and metabolism of hexoses, host sex differences

Absorption, Host
Sherif SM et al
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
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 (3) June 319-327 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
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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
Dirofilaria immitis, uptake of amino acids and glucose by microfilariae maintained in culture medium for 8 days

Absorption, Parasite
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1981 Comp Biochem and Physiol 68A (2) 131-147 Wa
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Ando K; Mitsuhashi J; Taniguchi H
1981 J Parasitol 67 (1) Feb 24-30 Wa
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Absorption, Parasite
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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
Bogitsh BJ; Carter OS
1980 Exper Parasitol 51 (2) Apr 296-306 Wa
Schistosoma mansoni, uptake and incorporation of nucleic acid precursors by adult male and female worms, transcuticular uptake demonstrated

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

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1981 Exper Parasitol 51 (2) Apr 296-306 Wa
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Absorption, Parasite
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1981 J Parasitol 67 (1) Feb 24-30 Wa
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Fetterer RH; Pax RA; Bennett JL
1981 Parasitology 82 (1) Feb 97-109 Wa
Schistosoma mansoni adults, evidence of significant role for active Na+K+ transport in muscle contraction and in maintenance of tegumental membrane potential, data suggest that Na+K+ transport may be electrogenic
Absorption, Parasite
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Absorption, Parasite
Issued Mar 11 Wm
Trypanosoma brucei brucei, bloodstream forms, role of ghanial feeding 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 Wm
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

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

Absorption, Parasite
Howells RE; Chen SN 1980 Trop Dis Research Ser (3) 395-396 Wm
Bowie pahangi, in vitro survival in sea-water, influences of thymidine uptake, calcium and pH, and oral uptake of Trypan blue demonstrated in vivo, ultrastructure and cytochemical staining reactions for enzymes of gut and body wall

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

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

Absorption, Parasite
James DM; Born GVR 1980 Parasitology 81 (2) Oct 385-393 Wm
Trypanosoma brucei, Trypanosoma congolense, kinetics and inhibition of uptake of purine bases and nucleosides; dipyridamole and its analogue (RA-233) inhibited uptake of adenosine by T. brucei but dipyridamole had no effect on T. brucei infections in mice

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James SG 1981 Parasitology 80 (2) Apr 313-322 Wm
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 MG 1980 Indian J Exp Biol 18 (7) July 745-746 Wm
Necator americanus adults, glucose uptake and glycogen synthesis

Absorption, Parasite
Lumsden RD; Murphy WA 1980 Ohio State Univ Biosc Colloq (5) 95-130 Wm
Hymenolepis diminuta, Na+-dependent and Na+-independent components of neutral amino acid transport

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Matricon-Gondran M 1980 Tissue and Cell 12 (2) 385-394 Wm
Echinostoma caproni, gap junctions and particle aggregates in tegumentary syncytium, significance of these structures with respect to tegumentary permeability and exchanges with parenchyma

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Midgley JM; Stephenson WC 1980 J Parasitol 66 (6) Dec 1979 842-848 Issued Apr 2 Wm
Crithidias fasciculate, 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 Wm
Trypanosoma brucei, T. evansi, effects of oligomycin on glucose utilization and calcium transport

Absorption, Parasite
Pappas FW 1980 Ohio State Univ Biosc Colloq (5) 145-172 Wm
enzyme interactions at host-parasite interface, review

Absorption, Parasite
Pappas FW; Gamble HR 1980 Parasitology 81 (2) Oct 395-403 Wm
Hymenolepis diminuta, characteristics of aromatic amino acid transport

Absorption, Parasite
Poinar GO Jr; Rees R; Doucet M 1981 Rev Nematol 4 (1) 35-40 Wm
parasitic juvenile mermithids (Rapidomermis 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
Voorheis HP
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

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Koy 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 radio-labelled lipids by adult schistosomes in vitro

Absorption, Parasite
Soutter AM; Walkey M; Arne 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

Absorption, Parasite
Thuet P; Romestand B
1981 Arch Internat Physiol et Biochim 89 (1) Feb 15-33 Wa
Meinertia oestroides, Anilocra phyodes, osmotic and ionic regulation, water transfer as a 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

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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 Wa
Trypanosoma brucei, energized amino acid transport requires glycolytic intermediate

Absorption, Parasite
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1980 Molec and Biochem Parasitol 1 (3) June 177-186 Wa
Trypanosoma brucei and other Kinetoplastida spp., fatty acid uptake

Absorption, Parasite
Wong BAI; Fernando MA
1981 Internat J Parasitol 11 (3) June 197-199 Wa
Ascaris lumbricoides, 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
Abbes AK; James SL; Sher A
1981 J Immunol 126 (3) Mar 1022-1024 Wa
Schistosoma mansoni, immunogenicity of haptated 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
Astaev VA; Fedina LV
1975 Parasitologia 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
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 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
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 Entomol 14 (3) Nov 373-378
Wa
Dermatophagoides pteronyssinus, stimuli (chemical and tactile), receptors, mechanism, and adaptive value of aggregation behavior, laboratory study

Adaptation
Day JF; Benton AB
1980 Am Midland Naturalist 103 (2) Apr 333-338
Wa
Siphonapteran parasites of Glaucomys 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
Wa
Hymenolepis nana, development of human and mouse strains in mice of different ages and strains, 'Mata 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
Humphrey-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 proba 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
1980 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
Wa
Ixodes persulcatus, feeding females, inhibition of growth and oogenesis related to absence of fertilisation, disturbances in activity of sympathetic neuroendocrine system 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
Pappas FW
1980 Ohio State Univ Biosc Colloq (5) 145-172
Wa
Enzyme interactions at host-parasite interface, review

Adaptation
Pearse SJr
1979 Internat Rev Gen Hydrobiol 64 (2) 193-206
Wa
Hemizygous 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 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 H
1981 Ann Rev Physiol 43 323-341 Wa
Helminths, energy metabolisms, adaptation to parasitism, review

Adaptation
Schorn С; 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 С
1981 Ann Parasitol 56 (2) 179-181 Wa
Maupasina weissi, encapsulation in adipose tissue of Locusta migratoria, elicitation of hemocytic reaction, shows defective adaptation of parasite to intermediate host

Adhesion
See Attachment

Adjuvants
See Immunopotentiation

Adaptive immunity
See Immunity, Passive

Afghanistan
Arseneva LP; Nerovn VM
1980 Med Parasitol i Parasitar Bolezni 49 (4) July-Aug 37-42 Wa
Ticks and mites of wild and domestic animals: Afghanistan

Africa
Okeroke TA
1976 African J Med and Med Sc 5 (2) June 139-147 Wm
Indices of arthropod borne diseases in Africa

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
Schistosoma mansoni, human, prevalence, intensity, morbidity, host age and sex: Nile Delta village, Egypt

Age of host
Ade-Serrano MA; Ejiezie GC
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, clinico-pathological manifestations

Age of host
Aikat BK et al
1979 Indian J Med Research 70 Oct 565-570 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-AIousi TI; Latif BMA; Al-Shennawi FA
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
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

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Onchocerca volvulus, human, clinical, parasitological, and ophthalmological data, host age and sex: hyperendemic village in rain forest of Liberia
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Age of host
Aljebreee AN; Saf’Anova VM; Karapet’ian AB
1975 Parasitologitza Leningrad 9 (3) May-June
271-277 Wa
Leishmania tropica major promastigotes, promastigotes from Agama angularenta (conditionally L. gymodactyli) 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
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
37-46 Issued Feb 15 Wa
Acanthocephalus perkeidei in Caecidotea militaris, prevalence, intensity, developmental cycle, sex of parasite, age and sex of host, seasonal variations, analyses of parasite population distribution: Pike River, southeastern 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 breakpoints, 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 VG; 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
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
Apte B, W
1980 Rev Med Chile 108 (3) Mar 203-209 Wm
Chagas cardiomyopathy, human, 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 Indo-Chinese 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 Kanabek 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. fuelleborni: Papua New Guinea

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

Age of host
Ba 0; Rolland A; Marshall TFC
1981 Tropenmed u Parasitol 32 (3) Sept 181-183 Wa
Onchocerca volvulus, human, relationships between microfilaruria, irreversible eye lesions, and microfilial load in anterior segment of eye according to age and sex: North Benin
Age of host
Babiker EA; Le Ray D
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

Age of host
Ballard JT; Ring RA
Wa
ectoparasites of Uria alge, burdens of adults and juveniles compared and contrasted, localization on host

Age of host
Banina NN
1975 Parazitologija Leningrad 9 (3) May-June
285-292
Wa
Aplostrongylus, 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 cervical infections, characteristics of 15 cases reviewed, host age distribution, some association with cervical carcinoma: Mexico

Age of host
Bartholomew RK; Peters PAS; Jordan P
401-405
Wa
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 177-181
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
Protopyrus 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

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Bettini S; Marcelli 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

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Beveridge I; Kummerow EJ; Wilkinson P
1980 Tropenned 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

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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

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Bienzle U; Guggenmoos-Holzmann I; Luzatto L
1981 Internat J Epidemiol 10 (1) Mar 9-15
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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

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Blancou J et al
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
Wa
hydatid disease, children and adolescents, radiologic diagnosis, manifestations in various organs, incidence twice as high in boys as in girls

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1979 Tierarzt Umschau 34 (11) Nov 1 749-752
Wa
coccidia, cats, age prevalence, faecal and serologic survey: Suddeutschland
INDEX-CATALOGUE OF MEDICAL AND VETERINARY ZOOLOGY

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Bonucci E; Brinkmann UK; Onori E
1979 Tropenmed u Parasitol 30 (4) Dec 489-498 Wa
onchocerciasis, human, prevalence and patho-
logical findings by age and sex, histologic
changes in upper layers of dermis compared
with macroscopical lesions observed, micro-
filariae 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
Entamoeba histolytica in 9 populations, sero-
epidemiology, enzyme-linked immunosorbent as-
say, precipitin tests, age distribution: Surin-
am, South America

Age of host
Brandling-Bennett AD et al
Onchocerca volvulus, human, prevalence and in-
tensity, host age and sex, type of work, no-
dules and nodulectomy, ocular infection, quan-
titative relationships: Guatemala

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Briere 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

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

Age of host
Broadbent EJ; Ross R; Hurley E
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 Wa
trichomoniasis, incidence of vaginal infec-
tions in pre-operative patients (most frequent
in ages 26-45), diagnosis by microscopic, col-
poscopie, and culture examinations, importance
of diagnosis prior to gynecological surgical
procedures

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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

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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
Bussieres J; Chemette 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

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

Age of host
Bylund G et al
1981 J Helminth 55 (1) 159-165 Wa
onchocerca tarsiciola in Rangifer tarandus
(tibioticsal 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 tar-
andii, difficulty of isolating adult worms from
host tissue, occurrence of microfilariae, worm
morphology: Finland

Age of host
Cabaret J
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
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
159-163 Wa
protostrongylid larvae in terrestrial molluscs,
degree of infestation dependent upon host age,
rainfall, and season; prophylaxis against in-
festation 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 varia-
tion, density of worm populations, age of host,
treatment with tetramisole or fenbendazole,
lambing): Morocco
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Gammon 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 atomatus and Asellus intermedius, seasonal population interactions, prevalence and density, host size, parasite localization in intestine, parasite sex ratios: Illinois

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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 353-365 Wa
Diplostrepha tricuspis in Corvus brachyrhynchos (air sacs), prevalence and intensity of infection, sex of parasite, age and sex of host: Essex County, southwestern Ontario

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Čechova L; Leifertova I; Lisa M
1981 Sbornik Lekar 83 (1) 41-45 Wm
Entamoeba gingivalis, humans, incidence survey (by age and sex): Czechoslovakia

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Chakrabarti A et al
1981 Ann Trop Med and Parasitol 75 (3) June 353-357 Wa
Barbotype scabies var. bubalis, human scabies from contact with infected 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
Chanorro-Mera C; Hurtado-Lopez M; Angel-Arango E
1979 Rev Interam Med and Parasitol 107 pp Ann Arbor Michigan Wa (DISS 72-33, 332)
Geomylichus geomydis n. sp. from Geomyys 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 6 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
Chaves FJZC et al
1979 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

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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
39-43 Issued Than Toxo-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
Toxoplasma gondii, sero-prevalence in Bubalus bubalis, according to age and sex of host

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Chlebowsky HD; Zielke E
1980 Tropenmed u Parasitol (17) (1) 41-45 Wm
Nucheria bankrofti, Onchocerca volvulus, human, single or mixed infections, host age and sex, side effects observed during diethylcar-bamazine 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 es-timate 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
Collins WE et al
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 6 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
Copland JW
1981 J Fish Dis 4 (3) May 231-242 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 cul-tured Anguilla anguilla, description and dis-tribution of trophozoites, first description of coelozoic trophozoite, apparent (host) age related pattern in organ location of histozoic trophozoite: England
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Age of host

Bjibrilla 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 Cameroon

Age of host

Domingo EG 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 G; 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; southeastern 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
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

Age of host

Dyce WG; Brandon RA; Price RL
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 30 (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 Geog 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 Khanilichi 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
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 W; 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

Etrope 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; Mokerji 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

Eyoker 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
Ferraroni JJ; Hayes J
1980 Acta Tropica 32 (3) Sept 134-140
Wa
Toxoplasma gondii, human, prevalence and
distribution of antibody titers by age;
antibody prevalence and cat contact;
correlation of antibody status with pre-
paration of meat and eggs; correlation with
cat and soil contact; antibody prevalence by
economic status, residence, and cat con-
tact; type of kitchen floor and cat contact;
occupation, sex, and antibody prevalence;
animal contact: Costa Rica

Age of host
Frenzel AJ et al
1979 Rev Med Chile 107 (4) Apr 343-351
Wm
intestinal parasites, young children, relation-
ship to infections in persons preparing the
children's food and in sanitary conditions in
their homes: Chile

Age of host
Gabaldon A; Ulloa G
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avian malaria, high parasite rates in nest-
lings, low rates in adult birds, high densi-
ties and sporozoite rates of local vector
Aedoeomyia squamipennis and increasing para-
site rates in nestlings with age suggest
great intensity of transmission, situation is
regarded as form of holoendemicity which is
probably cause of population control, possibil-
ity 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, Mary-
land

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 appear-
ance, treatment: hospital in Paris, France
SUBJECT HEADINGS

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 infection, vitamin A deficiency, route and site of infestation

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Glenn CL
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Hallier L
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intestinal parasites in Indocheinese immigrants, Cambodians and Laotians had higher rate of multiple parasites than Vietnamese, Giardia lamblia was more prevalent in children: clinics in San Diego, California

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Kamiya H et al
Schistosoma japonicum, prevalence in Rattus norvegicus by month, host age, and host sex, distribution of eggs in various organs, COF reaction of sera, prevalence of cercariae in Ochotona quadrius by month: Dagami, Leyte, Philippines

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1980 Am Surg 191 (2) Feb 145-152 Wm
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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 3 years, no evidence of parasite-induced host mortality: Britain

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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

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Orthobolarchae 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

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Gammaridacarous orchestoides on Orchestoides corniculata, prevalence and intensity, seasonal variation, host sex, host size (age), host moulting 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

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

Age of host
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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

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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

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1981 Ann Trop Med and Parasitol 75 (1) Feb 33-61 Wa
Schistosoma haematobium, human, prevalence and intensity by host age and sex: Somali Democratic Republic
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nutritional anaemias, includes helminths as a
major cause in children (survey by age groups): India

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survey, prevalence and patterns of enteric
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Nagpur, Maharashtra, India

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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

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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

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1980 Hokkaido Igaku Zasshi (Hokkaido J Med Sc)
55 (2) Mar 89-103 Wm
[Schistosomal] 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

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Giardia lamblia, incidence in families of in-
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tions for prophylaxis and control to prevent
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Onchocerca gutturosa, cattle (nuchal ligament),
ocurrence in relation to breed, sex, and age
of host: abattoirs in northern, central, and
eastern Australia

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Thelazia lacrymalis, horses (eyes), percent
infected by age, sex, and breed, localization
in eyes: Indiana

Age of host
Ladouceur CA; Kazacos KR
Thelazia gulosa and T. skrjabini in cattle (eyes), percent
infected, host age distribution, localization in eyes: Indiana

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1980 J Immunol 124 (2) Feb 509-514 Wm
Trichomonas vaginalis, natural cell-mediated
cytotoxicity against this parasite in the
mouse, tissue, host strain, and age dist-
tribution, some characteristics of effector
cells

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visceral leishmaniasis in children vs. adults,
bioclinical analysis, indirect fluorescent
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of 2 cases: Cevennes, France

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1979 Tunisie Med 57 (6) Nov-Dec 318-326 Wm
echinococcosis, humans, results of 2 retro-
spective epidemiological surveys conducted over
a 10-year period, incidence by age and sex:
Algeria

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

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1980 Vet Rec 107 (17) Oct 25 393-395 Wm
strongyloid eggs, Rangifer tarandus, seasonal
patterns, host age: sub-Antarctic island of
South Georgia

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Lee RLG
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Acanthocephalus lucii, ecology in Perca fluvia-
tilis: incidence, intensity, host age, over-
dispersion within host population, body locali-
zation, evidence of mutual exclusion between
A. lucii and Proteocephalus percae and Camal-

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1979 Ethiol Med J 17 (3) July 65-74 Wa
Schistosoma mansoni, human, prevalence in relation to host age, sex, type of water source used, occupation, and socio-economic level; clinical observations; seasonal small occurrence, speculation, and infection: Tensae Berhan, Ethiopia

Age of host

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1980 J Zool London 190 (1) Jan 39-51 Wa
Profilicollis 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

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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

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1980 Tr Roy Soc 105 (14) Apr 488-495 Wa
Schistosoma mansoni, human, prevalence, age and sex distribution, microfilarial levels: Comisia del Vaupes, Colombia

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babesiosis, horses, 1973 incidence survey, seasonal distribution, influence of coat colour, sex, and age of host on incidence: South Africa; Rhodesia

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intestinal parasites, Vietnamese refugees, incidence survey (by age groups): Munchen, Bundesrepublik Deutschland

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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

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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

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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

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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

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1979 Ann Soc Belge Med Trop 59 (3) Sept 251-258 Wa
Oococercal 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

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Dipetalonema perstans, microfilaraemia, diagnosis in field using miniature anion-exchange/centrifugation technique, prevalence by locality groups, sex, and age: The Gambia

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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

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Theelazia lacrymalis, horses, infection rate, age distribution: Kentucky

Age of host

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Onchocerca spp., horses examined at necropsy, prevalence of microfilariae in skin by breed, age, and sex: Kentucky

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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
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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

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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: near Maffra, Victoria

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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
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 microfilaraemia but not to filarial disease: South Kalimantan, Borneo

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endoparasites, and ectoparasites of Ondatra zibethica, prevalence and intensity, effect of host age and sex: Manitoba, Canada

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Haemarctiidum scombri, prevalence in Scomber scombrus (blood), age of host: Chincoteague, Virginia; Boothbay Harbor, Maine, and Gulf of Maine

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Wuchereria bancrofti, human, microfilaria rates and densities and prevalence of hydrocoels and elephantiasis by age and sex; vectors, quantitative studies on transmission: Tanzania

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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

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Schistosoma haematobium, human, prevalence and intensity, age and sex distribution: Qena governorate, Upper Egypt
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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

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1980 Tropenned u Parasitol 31 (3) Sept 299-312 Wa
Trypanosoma congoense 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 benenate) to determine their efficacy in dislodging organisms from capillary walls

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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; transmission, role in biological control

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

Age of host
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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

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Rubis P et al
Brugia malayi, humans, epidemiological and prevalence survey (by age and sex) of 7 villages, Mansonia spp. confirmed as probable vectors: Sarawak, East Malaysia

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Babesia microti, humans, epidemiology, apparent association between age and severity of illness: Nantucket Island, Massachusetts

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Ruiz A; Frenkel JK
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

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Trichuris trichiura, incidence in Papio papio according to age and sex of host

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Sagia H et al
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increased prevalence of Schistosoma 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

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1980 J Wildlife Dis 16 (2) Apr 189-194 Wa
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Schistosoma haematobium, human, prevalence and intensity, hematuria, host age and sex, relationship to S. mansoni and S. matthewei: Northern Kwæzulu, South Africa

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Typhlocoloeum 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

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Dirofilaria immitis, dogs, monthly prevalence, infection rates by age group: west central Colorado

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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

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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

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

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

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Smith G
Fasciola hepatica, prevalence and intensity in sheep, cattle, and Lymnaea for period of 3 years in relation to weather and habitat microclimate, size-prevalence curves for snail hosts: Cumbria Wales

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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 antigen and adjuvant, serum IgG, IgA and IgG in abomasal mucosa

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Clonorchis sinensis, Metagonimus yokogawai, prevalence survey in human and intermediate hosts, sex and age factors: Jeonra-Nam-Do, Korea

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Solangi MA; Overstreet RM
1980 J Parasitol 66 (3) June 513-526 Wa
Eimeria fundulim 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

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Sole TD; Croll NA
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intestinal parasites, human, survey, prevalence by town, sex, racial origin, and age group, possible reasons for low prevalence: Labrador, Canada
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Boromani 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

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Spencer HC et al
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

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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

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Trypanosoma gambiensense, 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

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1980 Internat J Dermat 19 (2) Mar 86-88 Wm leishmaniasis, human cutaneous, epidemiology: Greece

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1981 Tr Roy Soc Trop Med and Hyg 75 (2) 219-227 Wa
Schistosoma mansoni-infected schoolchildren, heat-labile IgG and heat-stable IgG anti-schistosomular antibodies, relationship to host age, to intensity of infection, and to each other: Kenya

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Sudomo M et al
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

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1981 J Fish Biol 18 (4) Apr 491-501 Wa
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1980 Japan J Exp Med 50 (2) Apr 85-89 Wa
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Echinococcus granulosus, sheep, incidence, significant correlation between parasitism and animals' age, localization of cysts: slaughter-house, Barbastro, Provincia de Huesca

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Trichostrongylus vitrinus, sheep (exper.), influence of host age and nematode population size on distribution in intestine

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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

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Toxoplasma gondii, human, indirect fluorescent antibody prevalence in relation to age group, sex, and ethnic group, prevalence of specific IgM antibodies: Malaysia

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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 erythropagocytosis, and proliferative glomerulonephritis in mature rats, disease was less severe in weanling rats and implicated as cause of cold-active hemagglutinin, immunoconglutinin, and antibody against fibrinogen products

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Hematozoa of Aix sponsa, age prevalence: Atlantic Flyway
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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

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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

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Thylefors B; Ténjum 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

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Plasmodium malariae, human, outbreak probably due to renewal of transmission from recrudescence cases, serology useful to help define epidemic (indirect fluorescent antibody test by age group using P. brasiliense, P. falciparum, and P. fieldi as antigens): Grenada

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Titcher AK; Prestwood AK; Hibler CP
1979 J Wildlife Dis 15 (2) Apr 273-280 Wa
Elophora schneideri in Odocoileus virginianus (exper.), eosinophilia, clinical signs, pathology, age-related resistance

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Trypanosoma cruzi, dogs, serological survey using complement-fixation and direct-agglutination tests: southeastern United States

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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

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1980 Internat J Dermat 19 (1) Jan-Feb 41-44 Wm
scabies, humans, epidemiology comparing 3 regions with different climates: Turkey

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1981 Immun 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

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Tzipori S et al
Cryptosporidium, calves (exper.), small and large intestines, diarrhea, histopathology, relationship between age at inoculation, incubation period, and clinical signs of infection

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Ueda K et al
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

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Upaham KS 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

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Valli VEO; Mills JN
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Trypanosoma congolense in neonatal and 6-month-old calves, quantitation of hematological changes (serum electrolytes and osmolality, serum proteins, lipids, organ function tests)

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Toxoplasma, human, survey, prevalence of antibodies according to age, estimates of frequency of primary maternal infection and associated risk of fetal infection: The Netherlands

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Coccidiosis, prevalence in calves of different age groups October 1977 to August 1978: Republie Centrafricaine

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Coccidiosis and helminths of Capreolus capreolus, intensity and extensity of infection, age of host: Strakonice region, Czechoslovakia
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Vogel H; Crewe W
1965 Ztschr Tropenmed u Parasitol 16 (2) July 109-125 Wa
Paragonimus africanus new species, humans (spatum), infection frequency by age and sex of host; life cycle, epidemiology: Lower Bakossi, Westkamerun

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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

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1980 J Fish Dis 3 (3) May 223-230 Wa
Polyonchobothrium clariae, prevalence and pathology in Claras mozambicis (gall bladder, duodenum, ileum, rectum), higher intensity of infection in young fish: Entebbe, Uganda

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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

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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

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Strongylus vulgaris, donkeys (anterior mesenteric artery), prevalence and intensity of infection, parasite sex ratio and age structure, seasonal patterns: Morocco

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Agglutination
See Immunity, Agglutination

Air-borne diseases
See Disease transmission, Air

Alaska
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parasites of bats, review: Algeria

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See Immunity, Allergy

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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

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See Abscess, Amobic

Ameboma
See Granuloma

Amino acids
[See also Biochemistry; Metabolism; Proteins]

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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

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Psoroptes ovis, F. 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
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1981 Infect and Immun 33 (1) July 54-58 Wa
Nippostrongylus brasiliensis, evaluation of ability of mast cell-deficient W/W^v 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 381-397 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 EG; Knight WN
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, Nematoda

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 factors of gastric juices from reaching distal portions of the intestine, tapeworm anaemia can not be treated orally as can pernicious anaemia

Anemia, Nematoda
Tkacz B; Chizynski Z
1979 Wiadom Lekar 32 (6) Mar 15 395-397 Wm
Taeniarhynchus saginatus, elderly man, case report, severe anemia with other significant changes in blood values

Anemia, Nematoda
Vijayakumaran Nair K; Nadaskal AM
1981 Vet Parasitol 8 (1) Feb 49-58 Wa
Raillietina tetracoma, 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 anaemia of young Iban children, findings of nutritional survey: Kalimantan (Indonesian Borneo)

Anemia, Nematoda
Chargoenlarp P et al
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 Wm
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 Wm
Ancylostoma ceylanicum-infected golden hamsters, altered serum lipid profile, increased turbidity of serum, anemia

Anemia, Nematoda
Gupta JP et al
1980 Acta Gastroenterol 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
Hussain L et al
1981 Nutrition Rep Internat 23 (5) May 901-913 Wm
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-Nfina, Egypt

Anemia, Nematoda
Ishihara K et al
1981 Japan J Vet Sci 43 (1) Feb 1-11 Wm
dirofilariais, dogs with hemoglobinuria vs. normal dogs and dogs with chronic serious dirofilariais 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
1980 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
Maszii MR; Massoud J
1980 Bull Soc Path Exot 73 (1) Jan-Feb 108-111 Wm
intestinal helminthes, 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, southwest Iran

Anemia, Nematoda
Nisar R
1980 Trop and Geogr Med 32 (3) Sept 251-255 Wm
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 preschool children, a case-finding and epidemiological survey, includes importance of hookworm in etiology: Gilbert Islands

Anemia, Nematoda
Sobota K et al.
1979 Brlisal Lekar Listy 71 (6) June 731-733 Wm
Trichuris trichiura, worm, severe sideropenic anaemia 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, hematological 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, hematological 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
Anosa VO
1980 Zentralbl Vet Med Reihe B 27 (3) 169-180 Wm
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 Wm
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 Parasit 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.), anaemia, reduced wool production and weight gains, decreased exercise tolerance

Anemia, Protozoa
Dash S; Dash RD
1980 Trop and Geog Med 32 (4) Dec 312-316 Wm
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.
Sarcocystis capracanis, goats (exper.), clinical signs, pathologic and hematologic findings

Anemia, Protozoa
Facer CA
1980 Clin and Exper Immunol 41 (1) July 81-90 Wm
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 1 897-898 Wm
Plasmodium falciparum, human, monocyte erythrocytosis of non-parasitised cells exacerbates anaemia characteristic of this infection

Anemia, Protozoa
Fayer R; Prasse KW
1981 Vet Path 18 (3) May 351-357 Wm
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 Wm
Plasmodium hermani in domestic and laboratory-reared wild Meleagris gallopavo poultés (exper.), anaemia, splenomegaly, and decreased growth rates, results suggest that malaria may contribute to mortality of wild poultés in Florida during first 3-4 weeks after hatching

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

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

Anemia, Protozoa

Hoffmann R; Schmid DG; Hoffmann-Fezer G
1981 Vet Immunol and Immunopath 2 (2) Apr 111-119
Eperythrozoon suis, pigs, acquired autoimmune haemolytic anaemia 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 Exp Parassitol 51 (1) Feb 95-103 Wa
Plasmodium berghei-infected mouse blood, modification of surface membrane glycoprotein sialic acid in infected and uninfected 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 hypothymic 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 hypothymic 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 hypothyamic BALB/c mice, characterization of surface proteins and glycoproteins on red blood cells; considerations in radioisotope labelling

Anemia, Protozoa

Hunter DW et al
1980 J Immunol 125 (1) July 169-174 Wa
Plasmodium yoelii, mice, analysis of (parasitized and nonparasitized) erythrocyte surface-bound immunoglobulin by flow microfluorimetry, could contribute to development of anemia

Anemia, Protozoa

Hussien L et al
1981 Nutrition Res 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 octoeceps (exp.), 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 (exp.), hematology

Anemia, Protozoa

Lefrancois C 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 (exp.), changes of erythrocyte lipids concentration and their relation to osmotic fragility

Anemia, Protozoa

Maede Y
Mechanism of occurrence of anemia in feline infectious anemia (feline hemobartonellosis)

Anemia, Protozoa

Maxie MG; Losos GJ; Tabel H
1979 Tropened u Parasitol 30 (3) Sept 274-282 Wa
Trypanosoma vivax, T. congolense, cattle (exp.), 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
iron status of pregnant Igbo women surveyed, malaria parasites detected in 7.5%, malaria apparently not an important factor as a cause of anemia; Nigeria

Anemia, Protozoa
Paling RW; Grootenhuis JG; Young AS
1981 Vet Parasitol 8 (1) Feb 31-37
Theileria mutans, isolation from Kenyan Syncerus caffer, transmission to Bos taurus (exper.) by infected blood, transmission between cattle by Amblyomma gemma (exper.), severe anemia developed in cattle

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

Anemia, Protozoa
Rickman WJ; Cox HW
1980 J Parasitol 66 (1) Feb 28-33
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 Exp Parasitol 51 (1) Feb 116-123
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
endemic malaria area, long-term studies of 98 unselected adults, haptoglobin level of blood increased after anti-malarial treatment, suggests that hypo- or anhaptoglobinaemia in populations like this may have non-genetic basis: rural African community, Mali

Anemia, Protozoa
Schilliro G; et al
1980 Brit J Haematol 46 (2) Oct 207-210
kala-azar significantly increased fetal hemo-globin (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
Trypanosoma cruzi, humans, anemia associated with Chagas disease may be linked to triatominic vectors rather than resulting from parasitic infection

Anemia, Protozoa
Targett GA
1981 Developments Immunol 14 301-309
malaria infection, human, immunological and allergological aspects especially in relation to pathogenesis and pathology, review

Anemia, Protozoa
Thoongswan S; Cox HW
1981 J Parasitol 67 (4) Aug 481-486
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
Tims P; Murphy GM
1980 Research Vet Sc 29 (3) Nov 367-369
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
Plasmodium berghei-infected rats, atypical reticulocytes as possible consequence of pit-ting function of spleen, may contribute to anemia

Anemia, Protozoa
Tosta CE; Wedderburn N
1980 Clin and Exper Immunol 42 (1) Oct 114-120
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
African trypanosomiasis in domestic animals, pathogenesis (anemia, tissue lesions, immunosuppression), immunology (prospects for vaccination, 'non-sterile immunity'), symposium presentation

Anemia, Protozoa
Valili VEo; Mills JN
1980 Tropenmed u Parasitol 31 (2) June 215-231
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,
1980 J Comp Path 91 (3) July 381-385 Wa
Fasciola gigantica-infected sheep, red blood
cell survival and faecal clearance, implica-
tions for aetiology of anemia
Anemia, Trematoda
Caple IW
1978 J Wildlife Dis 14 (1) Jan 110-115 Wa
Fasciola hepatica, cattle, correlation of
haemato logical results before and after nitrooxynil treatment, severe
local reactions at injection site: Pahang,
Central Malaysia
Ogunrinade AF; Bamgboye EA
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
Ogunrinade AF; Mitchell RK; Barker DJ
1981 Vet Parasitol 8 (2) May 149-163 Wa
Gastrointestinal nematodes, strategic ant-
helmintic treatment of young cattle during sum-
mer in a Mediterranean-type climatic environ-
ment, concluded that treatments may have been
more effective had they been given during au-
tumn: south-west Western Australia
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: Queens-
land
Anemia, Trematoda
Sykes AR; Coop KL; Ruxton 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

Fox MT; Jacobs JO
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

Animal husbandry

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

Animal husbandry

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

Animal husbandry

Nagle EJ et al
1980 Vet Parasitol 7 (2) Sept 143-152 Wa
 Ostertagia ostertagi, cattle, effect of anthelmintic treatment on animal performance in system of beef production designed to make maximum use of grass and grass products (Leader/Follower grazing programme): University College Dublin
Anomalies, Parasite
Caryoaustralus splendens n., anomalies include one individual with only three testes

Anomalies, Parasite
Rechav Y 1977 J Med Entom 14 (1) Nov 30 104 Wa
Amblyoma hebraeum, gynandromorphism, in specimens 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
Parasites: future 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
Uzanski RL; Nickol RB 1980 J Parasitol 66 (3) June 506-512 Wa
Leptorhynchoides thecatus in Hyalella azteca, sequential ranking system for developmental stages which recognizes 22 stages; description 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; Lamperico P; Perrone E 1980 Pathologica (1020) 72 July-Aug 467-478 Wa
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 Wa
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
Schistosoma japonicum-like, man (eggs in appendix), case report, 2nd autochthonous case in Indonesia

Appendix
Wojick 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
Bernudes 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 pathaceum 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
Buff 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 cachai in Scophthalmus 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
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 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

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 WA 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 symptoms except for possible association with arthritis: Mecca

Arthritis


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


Arthritis


Arthritis

Williams D; Roy S 1981 Brit Med J (6285) 283 July 18 192 Wa toxocariasis, 18-year-old girl with positive toxocarial fluorescent antibody test, associated arthritis, choroiditis, and arthralgia which responded to diethylcarbamazine therapy

Arthrus' phenomenon See Immunity, Skin tests

Asthma

Aderle WI; Odowoole O 1981 Tr Roy Soc Trop Med and Hyg 75 (5) 675-679 Wm skin sensitivity reactions in Nigerian children with bronchial asthma, including relatively high sensitivity to Ascaris antigen

Asthma

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Aral Sea See Seas, Aral Sea

Archeology See Parasitology, History

Armies, Parasites See Medicine, Military

Arrested development See Development

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Arthritis


Arthritis


Arthritis

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<td>Cryptobia sp., 2 populations (attached and free swimming) within spermatheca of Triadopsis multilimata, fine structure of attached flagellates and their mode of attachment to spermatheca, venereal mode of transmission suggested: Flatte River near Louisville, Sarpy Co., Nebraska</td>
<td>Gillin FD; Johnson JG; Miller LH</td>
<td>1980 J Protozool 27 (2) May 202-225 July 17 Wa</td>
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<td>Effect of cysteine, cystine, and ascorbic acid on kinetics of attachment, effects of cysteine and ascorbic acid on trophozoite survival at different oxygen tensions</td>
<td>Gillin FD; Diamond LS</td>
<td>1980 J Protozool 27 (4) Nov 1980 474-478</td>
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<td>Attachment to CAM is similar to attachment seen in chick bursa of Fabricius</td>
<td>Diamond LS</td>
<td>1980 J Protozool 27 (2) May 220-225 Issued July 17 Wa</td>
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<td>Attachment and growth of larvae</td>
<td>Hoffman DL; Ward AP</td>
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<td>Trypanosoma cruzi. Toxoplasma gondii, attach-</td>
<td>Johnson JG; Miller LH</td>
<td>1980 Parasitology 80 (3) June 559-550 Wa Plasmodium knowlesi, factors affecting ability of isolated merozoites to attach to and invade erythrocytes</td>
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<td>Merozoites, trypsin treatment removed receptors</td>
<td>Johnson JG; Miller LH</td>
<td>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</td>
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<td>Kemp DH; Bourne A</td>
<td>1980 Parasitology 80 (3) June 487-496 Wa</td>
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<td>El-Naggar MM; Kearn GC</td>
<td>1980 Proc Helminth Soc Washington 46 (1) Jan 70-73 Issued Mar 14 Wa</td>
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<td>Leucochloridiorhaphidum 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</td>
<td>Fried B; Holmes ML</td>
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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.

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Autoimmunity See Immunity, Autoimmunity

Autoinfection See Disease transmission, Auto-infection

Axenic culture See Culture
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Neoplectana carpopcapseae, 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

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Sarcocites scabiei, children, pathology, complications (especially renal) in the presence of mixed bacterial infections: Nouvelle Caledonie
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Biological control

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Biological control
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Biological control
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Biological control
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Biological control
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Biological control
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Biological control

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Biological control

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Biological control

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Biological control

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Biological control

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Biological control

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Biological control

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Biological control

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Biological control

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Biological control

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Biological control

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Biological control

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Biological control

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Biological control

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Biological control

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Heterorhabditis bacteriophora and its associated bacterium, pathophysiological influences on Schizura cunninga fifth-instar larvae (exper.): decreased feeding rate, larval wet weight, and frass production

Biological control

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Biological control

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Biological control

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Biological control

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Biological control

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Biological control

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Biological control

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malaria, progress in vector control, review

Biological control

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Biological control

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Biological control

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Biological control

Poinar GO et al

Neoaplectana caropcapsize 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

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Neoaplectana caropcapsize, 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

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Biological control

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Biological control

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Biological control

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Biological control
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Biological control
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Biological control
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Biological control
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Biological control
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1981 Bull Entom Research 71 (1) Mar 1-10 Wa
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Biological control
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Biological control
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Lampryid 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 115-117 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
Takaka 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 7-10 Wa
Coelohyma hominivorax, isoenzyme 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
Romanonermis culicivorax extremely effective against larvae of Anopheles albimanus: coastal area, El Salvador

Biological control
Wilson GG
Nosema disstriae in Malacosaoma distria (exper.), 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; Globulocytes; 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, hematological 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 cell 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 prasiquantel treatment

Blood
Anosa VO
1980 Zentralbl Vet Med Reihe B 27 (3) 169-180 Wa
Trypanosoma brucei in spleenectomised 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 spleenectomised sheep, anemia, red cell survival and sites of destruction, roles of bone marrow and spleen, changes in total and differential leucocyte counts

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

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

Blood

Eysker M; Ogunnusi EA
Haemonchus contortus, Trichostrongylus spp., sheep, epidemiological and clinical aspects during rainy season: northern Nigeria

Blood

Fayer R; Prasse KW
1981 Vet Path 18 (5) 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

Foresy 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 and Hyg 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

Gajana A et al
1981 Indian J Med Research 73 Suppl 1 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 541-543 Wa
relations between G-6-PD deficiency, thalassemia, and malaria: Sardinia; Po Valley

Blood

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1979 Ztschr Parasitenk 60 (3) 259-247 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- 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

Greenblatt CL
1981 Ztschr Parasitenk 65 (3) 271-276 Wa
B(abesia) bovis, acutely infected cattle, pathophysiology, changes in conglutinin, immunoconglutinin, complement C3, and fibronectin concentrations

Blood

Greenblatt CL; Prestwood K; Tsang VC
1981 J Parasitol 67 (5) Oct 730-731 Wa
Babesia bovis (argentina), Bos taurus (exper.), acute infections, alterations in plasma lipid and lipoprotein metabolism

Blood

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1981 Lancet London (8218) 1 Feb 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
1980 Austral J Exper Biol and Med Sc 58 (2) Apr 179-188 Wa
Babesia bovis (argentina), Bov taurus (exper.), pathogenesis of infection

Blood

Griffin L
1980 Vet Parasitol 7 (2) Sept 123-131 Wa
Haemonchus contortus does not appear to inhibit intrinsic or extrinsic blood coagulation as mechanism for producing blood loss
Blood
Griffin L et al
1981 J Comp Path 91 (1) Jan 97-103
Trypanosoma congoense, 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
Groenstol H; Overaa J
1980 Acta Vet Scand 21 (4) 523-532
Erythroxylum coca, lambs (exper.), resulting haemolytic anaemia and acidosis may predispose for listeric septicaemia, but not for listeric meningo-encephalitis, immune response

Blood
Guggenmoos-Holzmann I; Biensle U; Luzzatto L
1981 Internat J Epidemiol 10 (1) Mar 16-22
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 presence of these genetic traits offers selective advantage against infections, possible mechanisms discussed

Blood
Guiral S et al
1981 J Parasitol 67 (5) Oct 758-759
Ancylostoma caninum-infected golden hamsters, altered serum lipid profile, increased turbidity of serum, anemia

Blood
Halba MW; Iskander AR
Ascaridiasis and Cotugnia-infected and uninfected pigeons, hepatic vitamin A, carotene, serum calcium, inorganic phosphorus, and magnesium levels

Blood
Haller L
anemia in school children, study of etiology, includes information on blood values in relation to parasitism: Ivory Coast

Blood
Hamrey PN; Tizard IR; Mellors A
1980 Tropenmed u Parasitol 31 (4) Dec 439-443
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

Blood
Hammerberg B; Dangler C; Williams JF
Taenia taeniaeformis, chemical composition of parasite factors affecting coagulation and complement cascades

Blood
Hashemi-Nasab A; Zadeh-Shirazi H
1980 J Trop Med and Hyg 83 (3) June 119-122
visceral leishmaniasis (kala-azar), 130 cases, age and sex distribution, clinical and hematological 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
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

Blood
Hitzeroth HW; Bender K
1980 Human Genet 54 (2) 233-242
[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

Blood
Horstmann RD et al
1981 Blut 42 (3) Mar 157-164
[Plasmodium] falciparum, P[lasmodium] vivax, patients before and after schizontocidal treatment, hematological, coagulation, and parasitological 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
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
Ascaris lumbricoides, Brahman-cross steers (exper.), release sufficient enzymes into serum to be pathognomonic or to assess anthelmintic efficacy

Blood
Hutchinson GW
1981 Research Vet Sc 30 (2) Mar 175-180
Stephanurus dentatus, pigs (exper.), prepatent infection, hematological 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

Blood
Ishihara K et al
1981 Japan J Vet Sc 43 (1) Feb 1-11
Dirofilaria in自主品牌, 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
Trypanosoma brucei, brucei, rabbits, anemia, blood values, evidence for haemolysis

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

Blood
Kaysy GP et al
1980 Tropenmed u Parasitol 31 (6) June 232-258 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 Myxococcalus octodecempinosus (exper.), hematological parameters, persistent anemia despite low parasitemias

Blood
Khosandji HO; Tabibi V
1978 Bull Soc Path Exot 71 (1) Jan-Feb 95-100 Wa
Echinococcus granulosus, comparative analysis (electrophoresis, immunoelectrophoresis, biochemical tests) of hybrid 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
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, hematological, blood biochemical, and pathological findings, immunity of recovered animals to further challenge

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

Blood
Luffau G; Fery P; Petit A
1981 Vet Parasitol 9 (1) Oct 57-67 Wa
Haemococcus 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
Entamoeba histolytica, inhibition of parasite cytotoxicity 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; Goedger 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 jaccus (exper.) as possible model for American visceral leishmaniasis, course of disease, no consistent coagulation defects occurred

Blood
Nasbes V; Tamigaki M
1979 Rev Saude Pub S Paulo 13 (4) Dec 357-365 Wm
ancyllostomiasis, patients with anemia and high rate of parasitism, hematologic variations, importance of iron reabsorption in intestinal hemorrhage
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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
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
Mauriope P et al
Wa
Plasmodium spp., strains of varying virulence,
mice, kinetic study of serum lipoproteins,
total cholesterol, and triacylglycerides

Blood
Mehrotra P; Singh Τ
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 mykiss vs. O. tshawytscha, hematology,
infection intensities, parasite growth, histo-
pathology, in vitro tests (attachment to ex-
cised gills; survival in fish mucus and plasma), serology

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

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
cogulation exhibited in severe cases, haematological and coagulation findings,
macro- and microscopic pathology

Blood
Mossalam Ι; Abdel Ghani M; Mansour SA
Aug 8 Wa
Neoascaris 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 Wm
Plasmodium falciparum, impairment of growth in
HbEE erythrocytes, might be advantageous to
carrier in regions with endemic malaria

Blood
Nagel RL et al
1981 J Clin Invest 68 (1) July 303-305 Wa
visceral leishmaniasis, children, haematological
manifestations: Nigeria

Blood
Nagel RL et al
1981 J Clin Invest 68 (1) July 303-305 Wa
visceral leishmaniasis, children, haematological
manifestations: Nigeria

Blood
Ogunrinade AF; Bamgboye EA
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 Republic
of Ireland because of resulting hide damage

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

Blood
Ogilvie 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
cogulation exhibited in severe cases, haematological and coagulation findings,
macro- and microscopic pathology
Blood deprivation on formation of hepatic granulomata of larvae in intestinal lumen.

Blood Poelvoorde J; Berghen 1981 Research Vet Sc 31 (1) July 10-13 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; 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 Pauli NJ; 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 lympho-glandular infections, blood changes as measure of hepatic injury, useful in differential diagnosis.

Blood Pepsy 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 F 1981 Research Vet Sc 31 (1) July 10-13 Wa
Oesophagostomum dentatum, repeated daily mass infection in pigs fed limited ration, severe diarrhoea and anaemia, 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 lumens.
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Blood
Rickman WJ; Cox HW; Thongsuwan S
1981 J Parasitol 67 (2) Apr 159-163 Wm 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 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 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 Exp Parasitol 50 (3) Dec 331-341 Wm 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 anhaptoglobinaemia 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 Wm Schistosoma bovis, rebo calves (exper.), development and clinical pathology of primary infections, relationship between clinicopathological 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 Wm Eurytrema coelomaticum, cattle, clinicopathological findings, diagnosis, nitroxynil treatment: Kagoshima Prefecture

Blood
Salmon C
1979 Rev Epidemiol et San Pub 27 (5-6) 589-397 Wm Plasmodium spp., humans, relationships between Duffy blood group antigens and malaria

Blood
Sandemani RM; Howell MJ
1980 Vet Parasitol 6 (4) Mar 347-357 Wm Fasciola hepatica, excysted metacercaiae 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
Sandemani RM; Howell MJ
1981 Research Vet Sc 30 (3) May 294-297 Wm 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 metacercaiae

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

Blood
Schilliro G; et al
1980 Brit J Haematol 46 (2) Oct 207-210 Wm 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 Wm Bothrioccephalus 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 Wm 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 Wm Ostertagia ostertagi, calves (exper.), single doses of larvae followed by increased 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 suernii, 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
Buteu 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
Bykes AR; Coop RL; Rusbton 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 Parasitolog 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

Blood
Tabel H; Losos GJ; Maxie MG
1980 Tropsenned 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

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

Blood
Valli VEO et al
1980 Tropsenned 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 Tropsenned 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
Plasmodium falciparum, P. vivax, P. ovale, humans, P. inui, Macaca fascicularis, serum triglycerides, total cholesterol, and lipoproteins (VLDL, LDL, LDL)

Blood
Varneres A et al
1980 Path Biol 28 (7) Sept 457-460 Wa
Plasmodium falciparum, P. vivax, P. ovale, humans, P. inui, Macaca fascicularis, serum triacylglycerides, total cholesterol, and lipoproteins (VLDL, LDL, LDL)

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

Blood
Welde 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

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 humoral antibody

Blood
Willsaden 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
Willock DR
Eimeria tenella-infected and noninfected chickens, thromboplastin-like activity of protein-containing extract prepared from chicken ceaca, injection of extract caused toxic reaction and death apparently due to intravascular coagulation

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 parameters

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; Deme rest 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 Wm
Hartmanella culbertsoni, meningoencephalitic mice, lactate dehydrogenase isoenzyme profile in brain

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

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

Brain
Pit telia 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 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

Brain
Poltera AA et al
1980 Clin and Exper Immunol 40 (3) June 496-507 Wm
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 Wm
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
Brazil
Van Marck EAK et al
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 APF; Busetti ET
1979 Rev Inst Med Trop S Paulo 21 (3) May-June
141-145
Wm
helminths, Protozoa, human (feces), prevalence: Bairro de Uberaba, Curitiba, Brazil

Brazil
Ferraroni MJE; Montoril Filho M; Ferraroni JJ
1979 Acta Amazonica 9 (8) 657-669
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 parasites 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
Wa
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 w 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
Busseiras 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
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
Wa
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 Expierimenta 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: Oklahoma

Breeds
Garris GI; Hair JA
1980 J Econom Entom 73 (3) June 407-410
Wa
Amblyomma americanum, woodlot-pastured Brahford 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
SUBJECT HEADINGS

Breeds
Griffiths L; Ailoney 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

Breeds
Haase M; Bernard S; Guidot G
1980 Berl u Munchen Tierarztl Wchnschr 93 (20)
African trypanosomiasis, zebu vs. trypanotolerant cattle, comparison of incidence; use of benenil and isometamidium: Upper Volta region

Breeds
Ladouceur CA; Kazacos KR
1981 J Am Vet Med Ass 178 (3) Feb 1 301-302 Wa
Thelazia lacrimalis, 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
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
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

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
Theileria annulata, highly susceptible Israeli Friesian calves, immunization by injection-treatment method

Breeds
Prosi R et al
1980 Wien Tierarztl Monatschr 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

Breeds
Rettig T
1981 J Am Vet Med Ass 178 (1) Jan 1 5 Wa
Hookworms, male Airedale, thienium closylate treatment resulted in fatal thienium toxicosis, case report, possible predisposition in Airedales and Collies to absorption of thienium closylate 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 tartrate and thiabendazole, infectivity, pathogenicity, host susceptibility and drug efficacy in two experimentally infected sheep breeds

Breeds
Selby LA; Corwin RM; Hayes HM Jr
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 infections of larvae followed by challenge infection

Bronchitis
Jørgensen RJ
1980 Acta Vet Scand 21 (4) 658-676 Wa
Dictyocaulus viviparus, calves (exper.), pattern of infection in 2 groups allowed to graze on pastures contaminated with overwintered larvae, larval counts in faeces and on pastures, 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, 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

Burundi
Guiguen C; Vissault J; Beaucaournu 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
Parasites and other causes of hepatic calcifications, humans, diagnosis using abdominal ultrasonography, fluoroscopy, or conventional contrast radiography.

Calcification
El-Sewefy AZ; Wahab MA
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.

Calcification
Gospos C
1980 Radiologe 20 (1) Jan 38-39 Wm
Dracunculus medinensis, African male, case report, calcifications in abdominal subcutaneous tissues.

Calcification
Kuckein D
1980 Roentgen-Blaetter 33 (8) Aug 414-417 Wm
Cysticercosis, humans with intracranial calcifications, differential diagnosis using computer 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.

Calcification
Petithory J; Pampignone S; Perrin JP
1979 Bull Soc Path Exot 72 (4) July-Aug 357-362 Wm
Serological survey of pygmy population using various helminth antigens, high degree of positive reactions and increased levels of immunoglobulins: Cameroon.

Calcification
Margolis L; Arthur JR
1979 Bull (199) Fish Research Bd Canada 1-269 Wm
Synopsis of fish parasites: Canada.

Canada
Naiman HL; Sekla L; Albritton WL
1980 Canad Med Ass J 122 (2) Jan 26 185-188 Wm
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 Wm
Intestinal parasites, human, survey, prevalence by sex, age, 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 Wm
Intestinal parasites, homosexual men, prevalence, symptoms, and factors in transmission: Toronto, Canada.

Cancer
Abiowe 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 Wm
Entamoeba histolytica, patients with cervical 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 Wm
Schistosoma haematobium, association of infection and urinary bladder cancer, review.

Cancer
Bueding E; Farber E; Sarma DS
1980 Tr Roy Soc Trop Med and Hyg 74 (2) 284 Wm
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 Wm
Schistosomal granulomatous disease of the large intestines, human, retrospective review of clinical data and surgical specimens, colonic dysplastic epithelial changes found in several 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, in-
flammatory component produced by Toxoplasma
organism in brain may be necessary prerequi-
site 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, patient with bladder
carcinoma who had been treated by radical cys-
tectomy, those with schistosome eggs in surgi-
cal specimens vs. egg-negative specimens, im-
 pact 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 con-
sideration 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 can-
cers and other cervical pathology, signifi-
cance of diagnostic awareness in schistosomal
endemic areas

Cancer
Gaupp RJ; Schreiber MF
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
Ghezim MA; Awaad BK
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
Wm
Toxoplasma gondii, 24-year-old man with un-
treated Hodgkin's disease and central nervous
system toxoplasmosis, case report, toxoplasmo-
sis 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
Greenstreet 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 macro-
phages to the highest levels thus enhancing the
host's natural defenses against harmful anti-
gens, these may well include malignant disease

Cancer
Hicks RN; 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 focus 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 asso-
ciations 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
Wm
regression of mouse sarcoma 180 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 hypersensi-
tivity reactions, effect of opisthorchosis in-
vansion (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
Mollihari JA; Carrick L; Lubiniecki AS
1979 Tropenmed u Parasitol 30 (4) Dec 429-433
Wm Trichinella spiralis-infected mice, protection against sarcoma-180 ascites tumors under selected conditions of larval dose and challenge interval

Cancer
Nordstoga E; Landseverk T
1981 Vet Path 18 (4) July 564-566
Wm Enccephalitozoon cuniculi in Alopex lagopus associated with papillary epicardial mesotheliomas

Cancer
Rutzaert J et al
1980 Ann Anat Path Paris 25 (2) 125-138
Wm toxoplasmosis, human cerebral infection complicating 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, increased incidence of malignant and non-malignant tumors in Chagasic patients: Argentina

Cancer
Schwartz DA
1980 Trop and Geogr Med 32 (2) June 95-100
Wm Opisthorchis viverrini, Clonorchis sinensis, humans, association with cholangiocarcinoma, review

Cancer
Schwartz DA
Wm Schistosoma haematobium, humans, association between bilharziasis and bladder cancer, review article

Cancer
Sherif M; Ibrahim AS; El-Aaser AA
Wm bilharziasis, association with breast and prostatic 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 lymphedema 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 indexed from reprint
Ascocotyle sp., relationship between cancer and trematode in Chaetobranchus semifasciatus on branchial arch: Iago Janauaca, Amazonas

Cancer
Wedderburn W et al
Wm 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

Cancer
Zhang S; Zhu S; Wu J
Wm screening of humans for possible colorectal cancer showed no evidence of relationship with schistosomiasis: Haining County, Zhejiang Province, China

Carbohydrates [See also Biochemistry; Glycoproteins; Metabolism]

Carbohydrates
Ando K; Mitsuhashi J; Kitamura S
Wm Dirofilaria immitis, uptake of amino acids and glucose by microfilariae maintained in culture medium for 8 days

Carbohydrates
Chen ZH; Howells RE
Wm Dirofilaria immitis, uptake in vitro of monosaccharides, 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
Wm Schistosomatium douthittii, transintestinal glucose uptake in male and female worms, possible implications for male-female nutritional relationships

Carbohydrates
Crompton DWT et al
Wm 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
D'hondt J; Kondo M
1980 Molec and Biochem Parasitol 2 (2) Dec 113-121
Wm Trypanosoma brucei, effect of 3 categories of carbohydrates on trypanocidal activity of normal human serum
Carbohydrates
Forsum E; Nesheim MC; Crompton DWT
1981 Parasitology 83 (3) Dec 497-512 Wa
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Trypanosoma cruzi, correlation of growth kinetics in vitro to zymodeme type in clones derived from various sources

Clones
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1980 J Parasitol 66 (2) Apr 350-352 Wa
Giardia lamblia, clonal growth of trophozoites in semisolid agarase 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
Kinder EN; Turner MJ
1981 Parasitology 82 (2) Apr 273-285 Wa
Trypanosoma cruzi, antigenic variation in clones of animal-infective bloodstream forms

Clones
Morel C et al
Trypanosoma cruzi, characterization of strains and clones by pattern of restriction endonuclease products of kinetoplast DNA minicircles, proposal of new terminology to classify homologous and heterologous clones, technique should be useful for other pathogenic Trypanosomatidae
Clones
Nojima H; Noda S; Sato A
1980 J Parasitol 56 (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
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 by BIIT-negative to BIIT-positive responses typical of T. rhodesiense coincident with proven changes of VAT

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
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 specroteotype to second spectrotype, these variant surface glycoproteins may be products of sequentially expressed genes

Clones
de Sa MFG et al
Crithidia brasiliensis sp. n. from Zelus sp. (alimentary tract contents), isolation and cloning, growth pattern, morphology, biochemical analyses (isoenzyme pattern, histone pattern, cleavage of DNA with restriction endonucleases): Brasilia, Distrito Federal, Brazil

Clones
Schleeppi 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
simple method for plating and cloning ciliates and other Protozoa

Clones
Tanuri A; de Andrade FP; de Almeida DF
1981 J Protozool 28 (3) Aug 360-362 Wa
Trypanosomatids, simple highly efficient plating method illustrated by successful cloning of Herpetomonas samuellpessosii and Crithidia deanei

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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 gamocytes

Clones
Wery M et al
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
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 N
1977 Am J Proctol 28 (1) Feb 80-84 Wa
fulminant amebic colitis, humans, autopsy study of causes of death

Colitis
Balikian JP et al
1977 Am J Proctol 28 (1) Feb 69-73 Wa
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 Wa
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 intervention, prognosis

Colitis
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

Colitis
Lubynski RA; Sogani KC
1975 Am J Proctol 26 (2) Apr 67-70 Wm
Entamoeba histolytica, children with colitis, chronic rectal bleeding, differential diagnosis, 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

Collagen See Proteins

Collections 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 International 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 Quest Entom 13 (2) Apr 91-182 Wa
mammalian fleas, key, host specificity, ecological and evolutionary factors in flea distribution: 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 fixation]

Complement
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

Complement
Ade-Serrano MA; Ejezie GC; Kassim OD
1981 J Clin Microbiol 13 (1) Jan 195-198 Wa
Leishmania donovani-infected rural Nigerian school children, correlation of gametocytemia with complement component titers

Complement
Agu WE; Farrell JP; Soulsby EJL
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
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 amebiasis
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 AR'E; et al
1980 J Immunol 124 (3) Mar 1122-1129 Wm
Complement
Brener
1980 Advances Parasitol 18 247-292 Wa
Contreras CE et al
1980 Clin and Exper Immunol 42 (3) Dec 403-411
Echinococcus multilocularis, cytototoxicity of proliferative phase of alveolar activation and 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

Complement
Dalmasso AP; Jarvinen JA
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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
Dias da Silva W; Kazatchkine MD
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Schistosoma mansoni, immune evasion, loss of susceptibility to antibody- or complement-dependent eosinophil attack by schistosomula cultured in medium free of macromolecules

Complement
Doy T; Hughes DL; Harness E
1980 Research Vet Sc 29 (1) July 98-101 Wa
Trypanosoma cruzi, 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
Leishmania donovani, 49 active kala-azar patients, 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
Gillin FD; Sher A
1981 Infect and Immun 34 (1) Oct 260-273 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
Babesia bovis, cattle, time of appearance and nature of immune complexes, complexes did not appear to have much pathological significance
Complement pathway can be directly activated by Toxoplasma gondii-infected swine vs. normal swine or Naegleria fowleri, lysis by human serum is due to activation of complement, alternative complement cascades.

Guerra-Caceres JC et al. 1981 Parasite Immunol 2 (3) 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.

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Holbrook TW et al. 1980 Infect and Immum 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
Lambert PH; Berney M; Kazyumba G
1980 J Clin Invest 67 (1) Jan 77-85 Wa
Trypanosoma brucei gambiense, humans, circula-
ing immune complexes (IC) and C3, circu-
lying 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
Lindsey HH et al
1981 Infect and Imm 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 pertenue, 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 (Mesococoides
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 immu-
nized animals) is dependent on onsonization
involving C3, no evidence for role of intravas-
cular 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 JK; 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 com-
plement in vitro, comparison of schistosomula pre-
pared mechanically or by skin penetration

Complement
Mackenzie CD et al
Trichinella spiralis, Nippostrongylus brasili-
ensis, 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
Onaga H; Ishii T
1980 J Vet Sci 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
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 59 (2) Feb 249-254 Wa
Schistosoma mansoni, mice, effect of T-cell deprivation on formation of hepatic granulomas and serum levels of acute phase proteins (C3 and serum amyloid P-component).

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Perricone RD et al
1980 N Engl 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
Trypanosoma 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 MJ; 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), immunoglobulin, 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 relatively high number of patients.

Complement
Rodriguez AM et al
1981 Infect and Immum 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.

Complement
Rowan-Reilly E; 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 Immum 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 Microsoc 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 J Immunol 124 (6) June 2886-2891 Wm
Schistosoma mansoni, interaction with complement system: binding of Clq 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 IK 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 IK; Mittal KR; Nielsen K
1980 Research Vet Sc 28 (2) Mar 203-206 Wa
Trypanosoma congolense, calves (exper.), no rise in immunoglobulins (IgK) levels, trypanosome infection inhibited IgK response to Brucella abortus strain 19, possible reasons

Complement
Van Egmon JD; Deelder AM; Daha MR
1981 Exp 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
Trypanosoma gambiensis, 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 Parasit 51 (2) Apr 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
Trypanosoma brucei brucei, mice vaccinated with purified variable antigen, detection of immunoglobulin, C3 fraction of complement, and trypanosomal 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
COMPONENT
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

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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

COMPONENT 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

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

COMPONENT 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
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
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
Inserer 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 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

Crowding
Kliton 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

Crowding
Lumley AM; Lee DL
1981 Expier Parasitol 52 (2) Oct 183-190 Wa
Nippostrongylus brasiliensis, rats, Nematomirius 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
caryophyllacoid 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; Twasljhoven 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

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 MM
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
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 Parasit 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 (1978)

Culture, Cestoda
Kumaratilake LM; Thompson RCA
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Dermatitis [See also Skin]

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Desiccation [See also Humidity; Water]

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Wharton DA
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Desiccation
Desoxyribonucleic acid
[See Nucleic acids]

Development
[See also Embryology; Growth; Life cycle]

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Development, Acanthocephala
Helle E; Valtonen ET
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Uzanski RL; Nickol RB
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Development, Arthropoda
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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

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Development, Arthropoda
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Development, Cestoda
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Development, Cestoda
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1980 Internat J Parasitol 11 (4) Aug 261-266 Wa
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population size, host sex, and host
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diet, host sex, and multiple parasitism on
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microscopy

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Eysker M
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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
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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
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Onchocerca volvulus, microfilaria, sausage-, 2nd-, and 3rd-stage larvae in vector, scanning electron microscopy of anterior region

Development, Nematoda
Fusco AC
Spirococballanus cricotus, larval development in Tigrippus californicus (hemocoel) (exper.), description of first-, second-, and third-stage larvae; experimental infection of Panus setiferus but not Mesochra sp.

Development, Nematoda
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Development, Nematoda
Griffin L
1980 Vet Parasitol 7 (2) Sept 123-131 Wa
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1980 Canad J Zool 58 (2) Feb 215-220 Wa
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1981 J Helminth 55 (3) Sept 189-196 Wa
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Development, Nematoda
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Development, Nematoda
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Development, Nematoda
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Development, Nematoda
McClelland G
1980 Exper Parasitol 49 (2) Apr 175-187 Wa
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Development, Nematoda
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Gongylonema murcounatum, life cycle, morphology of developmental stages

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Quentin, JC; Seguignes M
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Development, Nematoda
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Development, Nematoda
Renz AJ; Wenk P 1981 Tr Roy Soc Trop Med and Hyg 75 (1) 166-168 Wa
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Development, Nematoda
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Development, Nematoda
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Development, Nematoda
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Development, Nematoda
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Development, Nematoda
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Development, Nematoda
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Mansonella ozardi in Simulium amazonicum and Simulium n. sp. (both nat. and exper.), development, larval dimensions, differentiation from Onchocerca volvulus: Brazilian Amazon

Development, Nematoda
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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
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Development, Nematoda
Sneller VP; Dadd RH 1981 Exper Parasitol 51 (2) Apr 169-174 Wa
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Development, Nematoda
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Ostertagia ostertagi, calvies (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

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Ascaris suum, rate of egg development, environmental temperature: Great Britain

Development, Nematoda
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Neosceptera carpocapae, 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
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Romanonermis communensis, embryonic development at different temperatures

Development, Nematoda
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Development, Nematoda
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Plasmodium cynomolgi bastianelli, 48-hour exoerythrocytic stage, detection and specific identification by means of indirect immunofluorescence technique

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Babesia canis, developmental stages within gut of Dermacentor reticulatus, light and electron microscopy; proposed hypothetical life cycle of Babesia species

Development, Protozoa
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Development, Protozoa
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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
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Plasmodium, life cycle, biochemical determinants of parasite specificity for host cells, morphology and growth of blood stages, metabolic 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
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Eimeria mieschulzi, mature macrogononts, zygotes and oocyst wall formation, mature oocysts, fine structure

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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 momensin or by feeding TetraMin fish food
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Herpetomonas samuelpessoaai, interaction of concanavalin A with cell surface induces cell differentiation leading to formation of parasitigotes and opisthomastigotes

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Ichthyosporidium giganteum in Leiostomus xanthurus (subcutaneous connective tissue of anterior abdominal region), host response to parasite invasion (syncitial xenoma), development of parasite: Chesapeake Bay, Maryland

Development, Protozoa

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Theileria parva, method for separation and concentration of large numbers of sporozoites from Rhipicephalus appendiculatus, course of initial infection of cattle leukocytes with sporozoites in vitro

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Herpetomonas samuelpessoaai, lidocaine induces changes in cell shape and motility, induces formation of membrane-bound cytoplasmic vacuoles, and induces differentiation of promastigote into opisthomastigote via parasitigote

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Development, Protozoa

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Sarcocystis hirsuta, dog, cats (both exper.), development cycle, prepatent period, patency

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Pfeifferinella gugleri sp. n., formation of oocyst wall, sporogony in Triodopsis albolaris (alveolar cells of digestive gland (liver), feces): Ledges State Park, Boone Co., Iowa

Development, Protozoa

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Theileria velifera, development in gut and haemolymph of Amblyomma variegatum

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1980 J Parasitol 66 (2) Apr 356-359 Wa
Theileria spp., probable relationship between parasite development (transformation of zygotes into kinyetes) and ecdisis of their tick hosts, could be controlled directly by temperature or by ecdisis process which is itself controlled by temperature

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Rhipicephalus appendiculatus 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

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Development, Trematoda

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Schistosoma mansoni, in vitro cultivation, establishment of cultures from cercariae, development until pairing

Development, Trematoda

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Schistosoma mansoni, in vitro cultivation, production of infertile eggs by worm pairs cultured from cercariae

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Schistosoma mansoni, in vitro cultivation, implantation of cultured worms into mouse mesenteric veins to assess potential for full development and oviposition
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Schistosoma mansoni, ultrastructure of early transformation of skin- vs. shears-pressure-derived schistosomules

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Leucochloridiomorpha constantiae, scanning electron microscopy during development from metacercaria to adult

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162-166 Issued Aug 30 Wa
Cotylyurus strigoideum, growth and development in domestic chicks (fed isolated cysts vs. infected whole Physa heterostropha), on chorioallantoic membranes of chick embryos, and in vitro: infectivity to chicks

Development, Trematoda
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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

Development, Trematoda
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1980 Parasitology 81 (1) Aug 41-45 Wa
Leucochloridiomorpha constantiae, growth, development, and pairing of metacercariae on chorioallantoic membranes 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
Amblosoma suwannee, cultivation in chick embryos from free metacercaria to ovigerous adult, development, growth

Development, Trematoda
Fried B; Holmes WS
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., Cryptoconium spinovum sp. n., Textrema hopkinsi, description, developmental stages, parasitic castration of snail hosts: Louisiana

Development, Trematoda
Greer GJ; Corkum KC
Caecincola latostoma, Cryptoconium 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 development in mice, morphological features

Development, Trematoda
Higgins JC
1980 Parasitology 81 (1) Aug 47-59 Wa
Bucephalus haimanus, attachment and penetration 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 circunoval precipitates

Development, Trematoda
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1980 J Parasitology 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
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Schistosoma japonicum, ultrastructural changes in tegument during transformation from cercaria to schistosomulum

Development, Trematoda
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1980 Exp Parasitology 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

Development, Trematoda
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1980 Acta Trop 37 (2) June 177-182 Wa
Schistosoma mansoni, demonstration of several generations of sporocysts as normal pattern of reproduction

Development, Trematoda
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1977 Marathwada Univ J Sc (Nat Sc) 10 (9) 95-98 Wa
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Development, Trematoda
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Schistosoma haematobium, existence of replicating sporocysts in development cycle

Development, Trematoda
Lambert A
1980 Ann Parasitology 55 (2) Mar-Apr 165-198 Wa
Oncomiracidia and phylogenesis of Monogenea, review and synthesis of published work: experimental techniques; Dactylorygidea, 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
Parorchis acanthus, 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.), behavioral changes of host

Development, Trematoda
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1980 Trop Med Research Studies Ser (1) 229 pp Wa
Schistosoma mansoni, parasite surface in relation to host immunity, monograph

Development, Trematoda
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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, scanning electron microscopy

Development, Trematoda
Matthews BF
1981 Parasitology 83 (3) Dec 575-586 Wa
Cercaria veulegeardi, development and ultrastructure

Development, Trematoda
Meuleman, EA; Holzmann PJ; Peet RC
1980 Ztschr Parasitenk 61 (3) 201-212 Wa
Schistosoma mansoni in Biomphalaria pfeifperi (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
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 JR; Mason AR
1980 Internat J Parasitology 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
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
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 hemodynamic 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 temperature, 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 Wm
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.

Development, Trematoda

Samuelson JC; Caulfield JP; David JR
1980 Exper Parasitol 50 (3) Dec 369-383 Wm
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.

Development, Trematoda

Samuelson JC; Sher A; Caulfield JP
1980 Internat J Parasitol 10 (5-6) Nov-Dec 391-395 Wa
Amblosoma suwaense, in vitro cultivation from metacercaria to ovigerous adult.

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 bilharziass as probable cause.

Development, Trematoda

Shaw JR; Erasmus DA
1981 Parasitology 82 (1) Feb 121-124 Wm
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 Wm
Bunodosoma lucioperca, seasonal dynamics in abundance, development, recruitment, and frequency distribution in Perca fluviatilis: lake in vicinity of Oslo, Norway.

Development, Trematoda

Sluiters JP
1981 Ztschr Parasitenk 64 (3) 305-319 Wa
Trichobilharzia ocellata, development in Lymnaea stagnalis (exper.), effects of infection on host reproductive system.
Diagnosis, Cestoda
Bursey 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
Wa
Echinococcus granulosus, human abdominal hy-
datid disease, ultrasonic diagnosis: Kenya

Diagnosis, Cestoda
Calderon С et al
1975 Rev Med Chile 103 (3) Mar
Wm
hydatid disease, humans, involvement of long
bones, clinical and radiological aspects

Diagnosis, Cestoda
Catalani С 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
Wm
hydatid hepatic cysts, humans, review of cur-
rent diagnostic methods, surgical recommenda-
tions

Diagnosis, Cestoda
Chipail GG et al
July-Sept 451-455
Wm
hydatic 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
Wm
echinococcosis, 33-year-old Welsh stock farmer,
presentation of tension pneumothorax, diagnosed
after surgical treatment of complicating empy-
ema, stresses importance of diagnostic aware-
ness

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
Wm
parasites and other causes of hepatic calcifi-
cations, humans, diagnosis using abdominal ul-
trasonography, fluoroscopy, or conventional
contrast radiography

Diagnosis, Cestoda
DeCock KM; Calder JF
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 radiolodine scan: Sardinia

Diagnosis, Cestoda
Dublin AB; French BN
Wa
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
1797-1804
Wm
hydatic 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 meta-
cestodes, 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 re-
ports, cerebral infections, diagnosis by com-
puterized axial tomography: Italy

Diagnosis, Cestoda
Fitzgerald MD; Jones AW; Tan BD
1970 Tr Am Micr Soc 89 (2) Apr 300-304
Issued Aug 19
Wm
Hymenolepis nana, H. microstoma, difference in
cocospheral hook orientation, taxonomic and
diagnostic significance

Diagnosis, Cestoda
Fringes N; Boreyseck G; Foerster R
1980 Chirurg 51 (4) Apr 245-246
Wm
Echinococcus granulosus (E. cysticus), male,
case report, primary retroperitoneal localiza-
tion of cyst, associated pleural effusion,
diagnosis by ultrasonography and radiography

Diagnosis, Cestoda
Garfagna 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
Jain AN; Ramanathan P; Ganatra RD
hydatid cysts of liver, humans, diagnosis, liver scans, analysis of 55 cases, comparisons
with results using Casoni's skin test: India

Diagnosis, Cestoda
Kadlick 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 EL; Vavilov SB; Metelkina LP
1980 Zhurnal Voprosy Neirokhir (6) Nov-Dec 48-50
Taenia solium causing cerebral cysticercosis, humans, 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-Blae 95 (5) May 256-260 Wm
computer 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, cases report, clinical aspects

Diagnosis, Cestoda
Mameddov G et al
1980 J Urol 126 (1) July 99-100 Wa
ter diagnostic method, 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
1980 J Urol 126 (1) July 99-100 Wa
giant echinococcal cyst of kidney associated
with hypertension, man, case report, definitive
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 (11) 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 M et al
1981 No Shinkei Geka (Neurol Surg) 9 (2) Feb
173-178 Wm
Sparganum mansoni, Korean woman, live in-
tracranial worm surgically removed from brain,
granulomatous lesions seen by brain scan and
computed tomography

Diagnosis, Cestoda
Morrison FS
1980 Australas Radiol 24 (3) Nov 284-288 Wm
Ultrasoundography 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, clinic-anatomical
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
Echinococcus granulosus, human hepatic in-
fecions, 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, diagnosis
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
Parkh MML; Gaur SNS
1981 Vet Parasitol 8 (1) Feb 95-97 Wm 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 Wm cerebral cysticercosis, 9 children, case evaluations, usefulness of computer tomography in diagnosis, incidence in exposed children apparently higher than previously estimated: United States

Diagnosis, Cestoda
Permanetter W; Bassermann R; Dennce 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
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
Polianker ZN
1980 Vestnik Rentg Radiol (2) Mar-Apr 64-67 Wm diagnosis of human brain abscesses and cysts using myodil, includes information on echinococcosis

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
Rausch RI; D'Alessandro A; Rausch VR

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 VN 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 Wm Hepatic cysts: Diagnosis and therapy by sonographic needle aspiration, includes differential diagnosis of echinococcal cysts

Diagnosis, Cestoda
Salva Verd A et al
1980 Acta Urol Espan 4 (6) 335-338 Wm retrovesicular hydatid disease, humans, 4 case reports, radiographic diagnosis

Diagnosis, Cestoda
Santiago AM et al

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 Ophth 58 (1) 144-147 Wm Cysticercus cellulosae, humans, case reports, cysts in the lacrimal gland, orbit, and eye lid, histopathology, diagnosis

Diagnosis, Cestoda
Shibata Ж 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 etiological diagnosis made only after craniotomy
**Diagnosis, Cestoda**


**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 iodine 131 used for radioimmunotherapy with good results

**Diagnosis, Cestoda**

Stevens J; Tulassay 1980 Radiologe 20 (1) Jan 28-30 Wm cysticercosis of human central nervous system, diagnosis, specific radioimmunoscans

**Diagnosis, Cestoda**

Sleijis J; Vanek M 1980 Ang Parasitol 21 (1) Feb 16-20 Wm Echinococcus granulosus, hydatid cysts, pigs, differential diagnosis from Taenia hydatigena cysticerci, macroscopic and histological examination, abattoir survey: Warsaw, Poland

**Diagnosis, Cestoda**

Smolianko-Winnicka M; Stawarczuk W; Sprogis W 1981 Wedom 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 Sympoisa Brit Soc Parasitol 17 75-101 Wm possible application of in vitro culture techniques to (a) identification of trematode metacercariae, (b) identification of taenial eggs, and (c) determination of strain differences in Echinococcus spp.

**Diagnosis, Cestoda**

Steinbrich W; Oswald 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**

Szefrey 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 Radiologic 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, Nematoda**

Walther M; Roske JK 1980 Vet Rec 100 (18-20) May 3 10 17 401-402 Wm 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, Nematoda**


**Diagnosis, Nematoda**

Zee C et al 1980 Radiology 137 (2) Nov 397-407 Wm cysticercosis, humans, intracranial infections, unusual neuroradiological features, case reports

**Diagnosis, Nematoda**


**Diagnosis, Nematoda**

Zancaira Bergera JJ; et al 1981 Am J Urol Paris 86 (7) 519-526 Wm hydatid cysts, humans, kidney, multiple case reviews, ultrasonic diagnosis, surgical management

**Diagnosis, Nematoda**

Acevedo RA et al 1981 Am J Vet Research 42 (3) Mar 573-574 Wm Dirofilaria immitis and Dipetalonema reconditum in dogs, combination of filtration and histochemical stain for detection and differentiation

**Diagnosis, Nematoda**

Avagayav MA et al 1980 Acta Cytol 24 (1) Jan-Feb 36-39 Wm Strongylodes stercoralis, fatal hyperinfection of immunosuppressed man, cytologic examination of ascetic fluid: Formosa, Argentina

**Diagnosis, Nematoda**

Awadzi K; Roulet H; Bell DR 1980 Ann Trop Med and Parasitol 74 (3) June 363-366 Wm 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
Wm
Angiostrongylus costaricensis, 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, human, diagnosis, comparisons of incubation media and incubation times for skin snips although they had been submerged in saline for 24 hours: Southern Togo

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: Greater Sao Paulo, Brazil

Diagnosis, Nematoda
Brositus TA et al
1980 Am J Gastroenterol 73 (1) Jan 65-69 Wm
Strongyloides stercoralis, man, invasive parasitic infection 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
Brujinig CFA
1981 Trop and Geogr Med 33 (3) Sept 295-305 Wa
Dirofilariasis 'conjunctivae' (European sp. which may be D. repens), woman, ocular infection, differential diagnostic pathology, case report: Netherlands, had vacationed in Spain

Diagnosis, Nematoda
Cabrer A; Suazo AT
1980 Bol Med Hosp Inf Mexico 37 (2) Mar-Apr 195-201 Wm
Toxocara canis, Ascarids, children, diagnosis of visceral larva migrans, immunological tests compared with other methods

Diagnosis, Nematoda
Cabrera MA; Suazo AT
1980 Wm 195-201 Wm

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
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

Diagnosis, Nematoda
Colaert J; Vandepitte J; Lokombe B
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
Correas 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
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 module in humans, diagnostic problems, increasing incidence in humans because of expanding geographical range of canine infections; case report, clinical aspects, man: Massachusetts

Diagnosis, Nematoda
Drozdz J
1979 Wiadom Parazytol 17 (2) 171-183 Wa
nematodes, genetic isolation as a criterion defining species
Diagnosis, Nematoda
eGweng TC; Slocombo JD
1981 Canad J Comp Med 45 (3) July 243-248 Wa
nematode eggs, recovery from bovine faces, evaluation of efficiency and sensitivity of several techniques using known numbers of Haemonchus contortus eggs added to helminthologically sterile bovine faces

Diagnosis, Nematoda
Eisenschner A; Sauget Y
1980 J Radiol 61 (5) May 319-322 Wm
ascariasis, distomiasi, human biliary tract, diagnosis, sonographic patterns

Diagnosis, Nematoda
Eisenscher
1977 Arch
Feldmeier
1981 Tr Roy Soc Trop Med and Hyg 31 (1) Mar 31-33 Wa
N. ozzardi, microfilariae found in human skin biopsies, could lead to confusion with early onchocercal or streptocercal dermatitis

Diagnosis, Nematoda
Ewert A; Smith JR; Corredor A
manosonella ozzardi, microfilariae found in peripheral blood, combination with early onchocercal or streptocercal dermatitis

Diagnosis, Nematoda
Feldmeier H; Bienzle U; Schub 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; Ribas 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 Tropened u Parasit 31 (1) Mar 31-33 Wm
larvae of Travassosia sp., 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
ascariasis, adult parasites, horse, Setaria sn. found in cervical spinal cord in association with lesions, history and clinical observations, necropsy and histopathologic findings, diagnosis

Diagnosis, Nematoda
Fredericksson DW; Specian RD
1981 J Parasitol 67 (5) Oct 647-655 Wm
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, cytoplogic 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 162-165 Issued Mar 14 Wa
Filaroides birthi, valid species, differentiation from F. milkii

Diagnosis, Nematoda
Grove DI
1980 Brit Med J (6214) 280 Mar 1 598-601 Wm
Strongyloides stercoralis, prevalence in Allied ex-prisoners of war in south-east Asia, efficacy of various diagnostic methods, clinical manifestations, possible problems associated with immunocompromised subjects: Australia

Diagnosis, Nematoda
Gustavsson-Moringlane IL; Bengtsson E
1980 Ann Trop Med and Parasitol 75 (6) Dec 615-621 Wm
microfilariae, patients having or suspected of having onchocerciasis or diapetalonemiasis and 2 patients with tropical eosinophilia, level of eosinophilia following provocation with diethylcarbamazine

Diagnosis, Nematoda
Hall A
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 stercoralis, human, 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
Thekwaba 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; Jorgensen RJ
1980 Acta Vet Scand 21 (3) 330-335 Wm
Dictyocaulus viviparus infective larvae isolated by bile-agar technique, identification

Diagnosis, Nematoda
Ito S
nematode eggs in bovine faeces, 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
Hexamerms 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
Hexamerms sp., H. lineata, Mermis nigrescens, Phormerms sp., disc electrophoresis of proteins, reactions in gel diffusion tests with antiserum against Hexamerms sp., correlation of these characters with morphologic and biologic characters, implications for taxonomy and phylogeny of Mermithidae

Diagnosis, Nematoda
Kale 00
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 00
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
1980 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 Wa
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 Wa
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
Dioctophyma renale 3rd and 5th (adult) stages, Eustrongylides spp. 4th and 5th stages, cephalic papillae described and compared, electron microscopy

Diagnosis, Nematoda
Lloyd D
1981 Brit J Surg 68 (7) July 468-473 Wa
Ascaris lumbricoides, children, massive hepatobiliary infestations, problems in radiologic 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) 4042 Wa
Dipetalonema perstans, microfilaraemia, diagnosis in field using miniature anion-exchange/centrifugation technique, prevalence by locality groups, sex, and age: The Gambia

Diagnosis, Nematoda
Luxenber MN
1979 Tr Am Ophth Soc 77 542-602 Wa
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 serologic tests including the ELISA test, literature review

Diagnosis, Nematoda
Mikhailo VA; Olinskaia FM
1980 Vestnik Oftal Moskva (6) Nov-Dec 757-762 Wa
strongyloides stercoralis, humans, diagnosis by detection of parasites in the skin and eyes

Diagnosis, Nematoda
Molina Pasquel C
1979 Rev 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 (1-6) 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: Mafill, 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
A尼斯akis 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 viviparum, 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 Tropened 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
Pilitt PA; Lichtenfels JR; Madden PA
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
Dirofilaria immitis, Dipetalonema reconditum, prevalence in dogs, evaluation of criteria used to speculate microfilariae: Missouri

Diagnosis, Nematoda
Rajamanickam C et al
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; Beechar PC
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-Royes 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
Hymenitrhysis, Europeans returning from tropical areas, evaluation of hyper eosinophilia as diagnostic indicator for parasitic diagnostic workup

Diagnosis, Nematoda
Schulman A
1977 Am J Gastroenterol 62 (8) Aug 167-170 Wm
Ascaris lumbricoides, Korean woman, case report, clinical and radiological diagnostic aspects of bile duct infestation: California

Diagnosis, Nematoda
Sekasuban Pr; 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
Skromme-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 Wm
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 Wm
6 filarial species, use of aceto-orcein-stained squash preparations for enumeration of nuclei in microfilariae

Diagnosis, Nematoda
Tanaka H; Shibuya T
Microfilaraemia, diagnosis, modification of nucleopore filtration technique
Diagnosis, Nematoda

Teuber J; Brede M; Stumpf J
1979 Immunity Infect 7 (6) Dec 215-221 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

Whitaker D; Reed WD; Shilkin KB
1980 Pathology 12 (3) July 483-486 Wm
Loa loa, 47-year-old male, diagnosis in endemic area, case report, diagnosis, numerous microfilariae found in gastric lavage specimen

Diagnosis, Nematoda

Wachtel G
1980 Acta Cytol 24 (1) Jan-Feb 40-43 Wm
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
1980 Acta Cytol 24 (6) Nov-Dec 539-544 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
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
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 Wm
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 male who had worked in Enfettah, Texas, and was 30 days old, diagnosis 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 Wm
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 culture of eggs or 1st-stage larvae to 3rd stage for identification

Diagnosis, Nematoda

Wojcik K et al
1980 Wiadom Parazitol 25 (3) May-Jun 259-262 Wm
Strongyloides stercoralis, 79-year-old; 2-year-old child, differential diagnosis, pathology: Mexico

Diagnosis, Nematoda

Yassin SMA; Garret M
1980 Vet Parasitol 7 (3) Nov 215-232 Wm
Trypanosoma cruzi, diagnosis, exper. study comparing various culture methods and xenodiagnosis

Diagnosis, Nematoda

Abramo Orrego L et al
1980 Medicina Buenos Aires 40 Suppl (1) 56-62 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, Nematoda

Al-Abdul-Khair MH et al
1981 Ann Surg 193 (2) Feb 221-226 Wm
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 viscosa of rat caught in Baghdad on basis of electrophoretic isoenzyme pattern

Diagnosis, Nematoda

Al-Jaboori TI; Evans DA
1980 Tr Roy Soc Trop Med and Hyg 74 (2) 169-177 Wm
Leishmaniasis; Donovan body found in human cutaneous leishmaniasis on basis of electrophoretic isoenzyme patterns

Diagnosis, Nematoda

Al-Abdul-Khair MH et al
1980 Tr Roy Soc Trop Med and Hyg 74 (2) 178-184 Wm
Leishmania tropica and L. major both found in human cutaneous leishmaniasis on basis of electrophoretic isoenzyme patterns: Iraq

Diagnosis, Nematoda

Anderson BC
Cryptosporidium-like organisms, diarrheic dairy calves, evaluation of fecal flotation, diagnosis; pattern of shedding oocysts in feces: Idaho
Diagnosis, Protozoa

Anzor N;


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 2 173 Wa
cryptosporidium oocysts and yeasts, cattle, differential diagnosis using Grocott-Gomori methanamine silver stained faecal smears taken during field outbreaks of diarrhoea

Diagnosis, Protozoa

Arasujo FG; Remington JS

1981 J Protozool 27 (4) Nov 1980 397-400 Wm

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

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, covariant binding of KDNA electrophoretic separations on disso- benzylxoyethyl 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 Infec- tivity Test: Zambia

Diagnosis, Protozoa

Bader O et al

1979 Wiadom Lekar 32 (6) Mar 15 385-387 Wm

Lambia intestinalis, humans, diagnosis of clinical forms and of pathology important to surgeons, surgical conditions cured after therapy for recognized giardiasis

Diagnosis, Protozoa

Balasegaram M


Entamoeba histolytica, human hepatic abscess, extensive clinical review (etiolo- gy, 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 Wm

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 Wm

Trypanosoma cruzi, 30 strains isolated from Didelphis marsupialis aurita and D. a. azarate, diagnosis, characteristics and infection patterns studied in laboratory animals and tria- tonines: 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; Salemberq 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


Cryptosporidium [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 Wm

Eimeria clapareddoi in Meleagris galloppavo (liver), IKI-solution used for flotation of oocysts and precipitation of oil from fish liver: Faeroe (N-Atlant.) fishing grounds
Diagnosis, Protozoa
Borch J
1980 Berl u Munchen Tierarztl Wehnschr 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 Anim Health 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. murius 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 malarials introduced into Germany, differential diagnosis, diagnostic problems

Diagnosis, Protozoa
Bueno-H; Parrish L
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 59 (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

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 (EGK, 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 F[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 65-73 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
Bruchac D et al
1979 Bratsil Khar Listy 72 (4) Oct 420-424 Wm
trichomatisis, 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
1980 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
Diagnosis, Protozoa
Charet P et al
1980 Comp Biochem and Physiol 65B (3) 519-524
Wm
Plasmodium yoelii nigeriensis, P. chabaudi, amipopeptidases, physicochemical properties; inhibition by chloroquine, quinacrine, and primaquine, but less so by quinine; species differences in isoenzyme profile

Diagnosis, Protozoa
Chaves FJZC et al
1981 Am J Trop Med Hyg 30 (2) Apr 681-685 Wm
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
Chrozynski Z; Dworniak C et al
1980 Bull Acad Vet France 132 n s 52 (4) Nov-Dec 483-489 Wm
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
Chevrier L et al
1979 Wiadom Med 38 (4) Aug 227-231 Wm
Toxoplasmosis, human generalized lymphonodular form, case report, diagnostic and therapeutic problems: France

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
Cintado Bueno C et al
1980 An Esp Med Pediat 13 (2) Feb 119-126 Wm
Leishmaniasis donovani, children under 6 years of age, etiologic, clinical, evolutive, and therapeutic aspects, importance of visualizing leishmaniasis 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) S1-57 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 Wm
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 trinidad was identified as Endotrypanum sp.

Diagnosis, Protozoa
Cruz I; Borges A; Nata JCB
1979 Acta Med Portugal 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
Issued Mar 11 Wm
Method for coding data on protozoan strains for computers

Diagnosis, Protozoa
Darlak JJ; Moskowitz M; Kattan KP
Parasites and other causes of hepatic calcifications, humans, diagnosis using abdominal ultrasonography, fluoroscopy, or conventional contrast radiography

Diagnosis, Protozoa
De Cock KM; Calder JF
1981 Tr Roy Soc Trop Med and Hyg 75 (5) 632-636 Wm
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 Wm
Acanthamoeba, 36 strains belonging to 19 different species, Comandonia opulenta, 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
De Jocourt 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 Nedertl Tijdschr Geneeskr 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 Wochenchr 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
1980 Brit J Radiol (636) 53 Dec 1160-1165 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 TÉ; 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 KG 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
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 trichomoniiasis and scabies

Diagnosis, Protozoa
Fistein BJ; Chowbury MH
1980 Ann Trop Med and Parasitol 74 (2) Apr 231-233 Wa
Trypanosoma cruzi, detection of flagellates in fluid obtained by puncturing Rhodinus 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 Wm
Trichomonas vaginalis, 400 women, evaluation of clinical observations, Donne's wet-mount preparation, and 2 culture systems for diagnosis: DeKalb County, Georgia

Diagnosis, Protozoa
Fouts AC; Kraus SJ
1980 J Infect Dis 141 (2) Feb 137-143 Wm
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
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
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 Wm
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
Diagnostic clinical parasitology. II. Identification of the intestinal protozoa

Diagnosis, Protozoa
Garcia LS; Voge M
Protozoa, humans (blood), recovery and identification

Diagnosis, Protozoa
Garcia Fernandez P
1979 Rev Iber Parasitol 39 (1-4) Jan-Dec 341-351 Wm
Babesia spp., bovine, comparison of morphological differences, good criteria for clinical diagnosis

Diagnosis, Protozoa
Gaupp RJ; Schreiber M
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 Mi; 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
Plasmodium vivax, exflagellation of microgametocytes in human peripheral blood, diagnostic implications

Diagnosis, Protozoa
Gilman R et al
1980 Gastroenterology 78 (3) Mar 435-439 Wm
Entamoeba histolytica, detection in rectal biopsies, comparison of direct and indirect fluorescent antibody techniques with 4 conventional stains

Diagnosis, Protozoa
Gibson WC; Marshall TFC; Godfrey DG
1980 Advances Parasitol 18 175-246 Wm
Trypanosoma brucei, isoenzyme electrophoretic characterization of Etat and Antat serodemes

Diagnosis, Protozoa
Gibson WC; Marshall TFC; Godfrey DG
1980 Advances Parasitol 18 175-246 Wm
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 Wm
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 Wm
Trypanosoma, significance of zymodemes (enzymatically different groupings), review

Diagnosis, Protozoa
Gregory MW et al
1980 Vet Rec 106 (22) May 31 461-462 Wm
Eimeria spp., lambs, analysis of cases from England and Wales 1978-1979, criteria used in diagnosis

Diagnosis, Protozoa
Grines С et al
1981 Arch Int Med Chicago 141 (7) June 935 Wm
Toxoplasma gondii, 2 patients with Hodgkin's disease, Toxoplasma meningocerebralitis with hypoglycemia, 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
Wm
Trypanosoma brucei gambiense, acutely infected
mice, quantitation of aromatic amino acid car-
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

Diagnosis, Protozoa
Harry OC
1979 J Invert Path 34 (2) Sept 203-205 Wa
Trichodina [sp.], recognition technique, immor-
invertebrate host in suspension of
killed yeast cells stained with Congo red

Diagnosis, Protozoa
Hasleton PS; Curry AJ; Rankin EM
Pneumocystis carinii pneumonia, 18-year-old
male with diffuse lymphocytic lymphoma, case
review; light and electron microscopic fea-
tures, 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 histological-
ly proven pneumonia, pathology as manifested
radiologically

Diagnosis, Protozoa
Healy GR; Ruebush TK II
1980 Am J Clin Path 73 (1) Jan 107-109 Wm
Babesia microti, description of morphologic
characteristics seen in Giemsa-stained human
blood smears, differentiated from Plasmodium
spp. by presence of pigment deposits in
erthrocytes 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 trypano-
somes, morphometric differentiations, possible
applications to study of cell biology, physi-
ology, and pathologic effects, general review

Diagnosis, Protozoa
Heine J
1981 Berl u Munchen Tierarztl Wchnschr 94 (6)
Mar 15 103-104 Wm
Cystoisospora spp., mice (exper.), diagnosis of
dormozoites in organs using trypsin diges-
tion method

Diagnosis, Protozoa
Henry NC et al
Wm
Trypanosoma brucei gambiense, humans, evalua-
tion of various field techniques used in diag-
nosis: Zaire

Diagnosis, Protozoa
Hermier M et al
1981 Pediatrie Lyon 36 (3) Apr-May 211-216 Wm
Isospora hominis, child, extended severe in-
festation, case review; differential diagnosis,
diagnostic alert for physicians, pathology,
therapy with fansidar: France

Diagnosis, Protozoa
Herrera A; Christensen HA
Wm
Leishmania braziliensis in Choleopus 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
Hinner JP; Jones TW
473-474 Wm
Babesia rodhaini, B. microti, B. muratovi
(= Nuttallia musculi), serological differen-
tiation with fluorescent antibody staining

techneque

Diagnosis, Protozoa
Hinaiy H
1980 Wien Tierarztl Monatsschr 67 (2) Feb 54-55
Wm
Sarcosporidia, detection in slaughtered cattle
using simplified homogenization method

Diagnosis, Protozoa
Hinaiy H
1981 Zentralbl Vet-Med Reihe B 28 (2) 146-160
Wm
Babesia divergens, identification in 26 splen-
ec tomized cattle experimentally infected with
blood from chronic natural cases in Austria,
morphometric and morphological studies, iden-
tification confirmed through demonstration of
Ixodes ricinus as sole vector in Austria and
absence of plugging of cerebral cortex capil-
laries with parasitized erythrocytes

Diagnosis, Protozoa
Hipp SS et al
1979 Sex Transm 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 (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 CC
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
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
Kremer M; Chaker E; Molet B
1979 Bull Soc Path Exot 72 (4) Mar-Apr 178-182 Wm
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 RA
Leishmania spp., characterization of species and strains by isozyme patterns on cellulose acetate electrophoresis

Diagnosis, Protozoa
Kreutzer RD; Sousa GE
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
Kunsty I; Naumann S
1981 Tzsch Versuchstierk 23 (4) 255-257 Wa
Eimeria caviae, guinea pigs, symptoms, emphasis on diagnosis

Diagnosis, Protozoa
Kunstyr I; Sousa OE et al
1981 Ann Med and Hyg 29 (2) Mar 199-208 Wm
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
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
Landham 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
Landham 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, isozyme characterization, comparison of cellulose acetate electrophoresis, starch-gel electrophoresis, and iso-electric focusing
Diagnosis, Protozoa
Lasserre R
1978 Yonsei Rep Trop Med 9 (1) Nov 42-47 Wm
[Giardial] lamblia, humans, diagnosis, associated malnutrition, ornidazole therapy, review

Diagnosis, Protozoa
Lawrence JA
1979 J South African Vet Ass 50 (4) Dec 311-313 Wm
Theileria spp., cattle, differential diagnosis based on serological, morphological, and epidemiological grounds, review: southern Africa

Diagnosis, Protozoa
Leen W et al
1980 Biochim et Biophys Acta 607 (2) Apr 30 221-231 Wm
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
Levet PN
1980 Med Lab Sc 37 (1) Jan 85-88 Wm
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 Wm
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
Lon J
1969 Folia Parasitol 16 (2) 97-103 Issued June
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 Wm
Trypanosoma cruzi, humans, assessment of neutral and hormonal system by rectal biopsy may be useful in diagnosis

Diagnosis, Protozoa
Losos GJ
1980 Vet Research Commun 4 (3) Nov 165-181 Wm
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 Wm
Sleeping sickness, human, field diagnosis, miniature anion-exchange/centrifugation technique, comparison with microhaematocrituffy-coat microscopy method and thick blood film: Ivory Coast

Diagnosis, Protozoa
Luther DG; Cox BU; Nelson WO
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
Mahnoun R et al
1981 Ann Parasitol 56 (2) 131-146 Wm
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 amebic 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 Wm
Plasmodium falciparum, humans, diagnosis, detection of antigens using a solid-phase radioimmunoassay, highly significant degree of correlation with comparative results of microscopy

Diagnosis, Protozoa
Mandal AK; Thadepalli H
1978 Am Surg 44 (9) Sept 564-570 Wm
Entamoeba histolytica, surgical aspects, diagnostic clues

Diagnosis, Protozoa
Marinkelle GJ
1981 Tr Roy Soc Trop Med and Hyg 75 (4) 609-610 Wm
Leishmania donovani, L. tropica, and L. major, diagnostic clues, 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 Wm
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 amebic 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; Delockheere JP
1981 Bull Inst Pasteur Paris 79 (2) 171-205 Wa

Naegleria fowleri, Acanthamoeba spp., humans, comparative review (morphology, pathology, diagnosis, geographic distribution, mobility and mortality, symptoms, treatment, pathogenicity)

Diagnosis, Protozoa
Martinucci G; Crespi P
1979 Boll Zool 46 (1-2) 23-39 Wa

Aplocystis sp. trophozoite in Otocardinia transpadanum, light and transmission electron microscopy, life cycle, locomotion, endocytosis; role of ultrastructure in monocystic 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
Miles MA et al
1980 Tr Roy Soc Trop Med and Hyg 74 (2) 221-237 Wa

Trypanosoma cruzi, further enzymic characters, possible use of acridine orange for diagnostic purposes (successful trial using positive culture material)

Diagnosis, Protozoa
Medley TR; Walker AR; Brown CGD
1981 Trop Animal Health and Prod 13 (2) May 70-78 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
Mierazejewska I et al
1980 Wiadom Med and Hyg 74 (2) 221-237 Wa

Toxoplasma, humans, histological diagnosis and differential diagnosis between lymph node toxoplasmosis and other benign lymph node hyperplasias

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 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
Mialdono 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

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 dis-
similar enzymic strains (zymodemes 21, 22, 23)
from endemic and non-endemic areas of Venezuela
and Brazil, findings suggest that these zymo-
demes may represent subspecific groups of
fundamental epidemiological and medical impor-
tance

Diagnosis, Protozoa
Monga NK et al
1976 Am J Gastroenterol 66 (4) Oct 366-373 Wm
Entamoeba histolytica, humans, amoebic peri-
tonitis, case studies, diagnosis, pathology, surgical
therapy

Diagnosis, Protozoa
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infection, 10-year-old boy, clinical course, importance of dif-
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Valdivia, Chile

Diagnosis, Protozoa
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1980 Proc National Acad Sc Biol Sc 77 (11) Nov
6810-6814 Wa
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and clones by pattern of restriction endonu-
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proposal of new terminology to classify hemo-
flagellates into 'schizodemes'; procedure may
also be useful for classification of pathogenic
Leishmania

Diagnosis, Protozoa
Moiri T et al
1981 Internat J Parasitol 11 (3) June 187-190
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Leucocytozoon caulleryi, chickens, evaluation
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surveys, comparison with parasitological di-
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Japan; Taiwan; Philippines; Singapore; Malay-
sia; Thailand

Diagnosis, Protozoa
Mora PR; Villagrap L; Risco J
1979 Rev Fac Cien Med Univ Nac Cordoba 37 (1-4)
Jan-Dec 21-27 Wm
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diagnostic anatomicopathological findings in the
placenta and umbilical cord

Diagnosis, Protozoa
Muehlkofordt E
1981 Ztschr Parasitenk 65 (1) 95-101 Wa
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bats or Chagasic patients, kinetoplasts, com-
parative ultrastructure, typical configuration of
kDNA makes it possible to distinguish be-
 tween trypanosomes of Schizotrypanum subgenus
and other trypanosomes, but it is not suffi-
cient for characterizing species of that sub-
genus

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
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lata-infected bovine lymphoblastoid cell
lines, isoenzyme variants, promising method of
distinguishing species or subspecies of Thei-
eria but there are difficulties in identifying
host and theilerian enzymes with certainty

Diagnosis, Protozoa
Nicholls JC
Wa
Entamoeba histolytica, humans, pathology and
diagnosis of local pattern of this disease
process: Seychelles

Diagnosis, Protozoa
Nikulina LS et al
1979 Vrach 19 (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, differen-
tiation on basis of cross-immunity studies and
pathogenicity (changes in body weight and
oocyst output, distribution in intestine, den-
sity 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 de-
velop in chicken embryo

Diagnosis, Protozoa
Nwaofo DC; Egbue MO
1981 Ann Roy Coll Surg England 63 (2) Mar 126-
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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 diagno-
s tic cultivation, comparison of 2 methods
Diagnosis, Protozoa
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Diagnosis, Protozoa
Pedro RJ et al 1979 Rev Inst Med Trop S Paulo 21 (3) May-June 130-136 Wa Toxoplasma gondii, humans with acquired lymphophasmatocytic involvement, liver biopsy as measure of hepatic injury

Diagnosis, Protozoa
Poelzl J 1980 Ann Trop Med and Parasitol 74 (2) Apr 257-258 Wa Leishmania donovani-infected B10.LP-s 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
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Diagnosis, Protozoa
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Diagnosis, Protozoa
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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 electrophoretic variation of enzymes, 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 electrophoretic variation of enzymes: Iraq

Diagnosis, Protozoa

Diagnosis, Protozoa

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, 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
Diagnosis, Protozoa
Rinaldi I; Murphy D
1979 Neurosurgery 5 (3) Nov 607-610 Wm
primary amebic meningoencephalitis with cerebro- 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
Leishmanina 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 gambiensis, 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
Trypanosoma vaginalis, metronidazole highly effective in treating this infection

Diagnosis, Protozoa
Rohde R
1980 Hautarzt 31 (10) Oct 560-561 Wm
Leishmania tropica, human cutaneous infections, diagnosis, serological and microscopic examination with confirmation by culture

Diagnosis, Protozoa
Rosen PP
Pneumocystis carinii pneumonia, humans, management of frozen section lung biopsy taken for diagnostic purposes

Diagnosis, Protozoa
Ross SM; Hoosen AA; Sheik AI
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
Rosen Pf; 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
Crithidia brasilensis sp. n. from Zelus sp. (alimentary tract contents), isolation and cloning, growth pattern, morphology, biochemical analysis (isoenzyme patterns, histone patterns, 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, PW 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 60-76 Wm
Plasmodium falciparum, enzyme typing of freeze-dried and freshly cultured isolates from African and some other Old World countries

Diagnosis, Protozoa
Sargeaunt PG et al
1980 Tr Roy Soc Trop Med and Hyg 74 (5) 653-656 Wm
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
Sargeaunt PG; Williams JE; Neal RA
1980 Tr Roy Soc Trop Med and Hyg 74 (4) 469-474 Wm
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
Schorr LF et al
1981 Ann Trop Med and Parasitol 75 (2) Apr 131-144 Wa
Leishmanina 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
Leishmanina brasiliensis 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
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diagnosis of Giardia using bowel biopsy or new
relate method called Enterotest

Diagnosis, Protozoa
Shirley MW; Rollinson D
1979 Symposia Brit Soc Parasitol 17 7-30 Wa
Entamoeba histolytica, Caucasian male, case
report, hepatic abscess, nonreactive to immuno-
 logical tests preoperatively, motile hemato-
globin trophozoites seen microscopically in
scrapings from wall of abscess, postoperative
serologic tests were positive

Diagnosis, Protozoa
Siemes H et al
1980 Klin Paeidiait 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
proportion of 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-
yical aspects, metronidazole and
tetracycline treatment: Romania

Diagnosis, Protozoa
Simmons J; Passon TJ jr
55-56 Wm
Giardia canis, dogs, diagnosis, fecal exami-
nation, direct smear method, and trichrome
stain

Diagnosis, Protozoa
Skrone-Ladubik 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
Solovev MM
1975 Parazitolgiea Leningrad 9 (5) Sept-Oct
449-456 Wa
Lambia spp. of mammals, measurements of mature
 trophozoites with medial bodies, biometrical
indices specific for each species studied, tax-
onomy of Lambia discussed

Diagnosis, Protozoa
Spence MR et al
1980 Sex Transmit 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
Entamoeba histolytica, human, serologic and
parasitologic studies to examine reliability
of diagnosis and confirm estimates of morbid-
ity and mortality: El Salvador

Diagnosis, Protozoa
Stagnoli S et al
1980 Pediatrics Am Acad Pediat 66 (1) July
56-62 Wm
Pneumocystis carinii pneumonia, immunoop-
 competent 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
Entamoeba histolytica, Caucasian male, case
report, hepatic abscess, nonreactive to immuno-
 logical tests preoperatively, motile hemato-
globin 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 Wm
shigellosis, human, outbreak of diarreal ill-
ness originally attributed to Entamoeba his-
tolytica because fecal leukocytes were being
misinterpreted as ameboes: 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 gynecolo-
gical and obstetrical colpocytology

Diagnosis, Protozoa
Stratigos JD
1980 Dermatosen Beruf u Umwel 28 (5) 139-148 Wm
Leishmania tropica, human cutaneous infections,
general clinical review, author's diagnostic
classification based on histological findings

Diagnosis, Protozoa
Strebel H et al
1981 European J Pediat 137 (1) Sept 5-10 Wm
determination of aldolase activity in intes-
tinal biopsy material offers diagnostic altern-
native to liver biopsy in cases of hereditary
fructose intolerance and malabsorption states
(includes children with Giardia lamblia)

Diagnosis, Protozoa
Sun T
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 Wm
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 Wm
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) 266-270 Wm
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, toxoplasmosis demonstrated in lesions by means of conventional stains, and by immunofluorescence

Diagnosis, Protozoa
Toro M; Leon R; Lopez R
1981 Vet Parasitol 8 (1) Feb 23-29 Wm
Trypanosoma vivax, cattle (nat. and exper.), diagnosis, haemocrit centrifugation technique compared with wet film, thin and thick stained smears, and lymph node aspirate examination techniques

Diagnosis, Protozoa
Toro M et al
1979 Acta Cien Venezolana 30 (3) 502-506 Wm
Trypanosoma, direct and indirect cattle (exper.), diagnosis, haemocrit centrifugation technique

Diagnosis, Protozoa
Tortuella M et al
1981 Comp Biochem and Physiol 70B (3) 463-468 Wm
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
Tysgi 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
Tazgori S et al
Cryptosporidium [sp.], man (faeces), cause of vomiting and diarrhea, diagnosis by Giemsa-stained fecal smear

Diagnosis, Protozoa
Veressa B; Abdalla HE; El Hassan AM
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 Wm
Naegleria fowleri, N. gruberi, differences in disc electrophoretic patterns of esterase isoenzymes

Diagnosis, Protozoa
Wachtel EG; Hudson EA
usefulness of cytology in diagnosing human infections, includes information on amoebiasis, microfilaria, Toxoplasma, schistosomiasis, and Trichomonas vaginalis

Diagnosis, Protozoa
Wahal PK et al
1979 J Indian Med Ass 75 (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 Wm
Theileria parva in Rhipicephalus appendiculatus collected from two field sites and two experimental sources, diagnosis using salivary gland staining, microscopic examination of whole tick suspensions, and infectivity tests in cattle, feasibility of assessing field infection rate in ticks using combination of diagnostic methods: Kenya

Diagnosis, Protozoa
William DC
1981 Curtis 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, Trematoda
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, Trematoda
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

Diagnosis, Trematoda
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 Radiol 61 (5) May 319-322 Wm
Schistosoma haematobium, human biliary tract scrotal masses, diagnosis using sonography

Diagnosis, Trematoda
Agatsuma T; Suzuki N
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, 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

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 fassarum, G. nereicolae, segregation 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 argentophilic structures of miracidium, chaetotaxy of daughter redia and cercaria, comparison with F. gigantica

Diagnosis, Trematoda
Bundy DAF
1981 Internat J Parasitol 11 (4) Aug 319-322 Wa
Transversotrema patialense, egg capsule morphology, age-dependency and population frequency distribution, implications for use as taxonomic criterion in Transversotreminae

Diagnosis, Trematoda
Buzzoni HB; 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

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 EP
Parasites and other causes of hepatic calcifications, humans, diagnosis using abdominal ultrasonography, fluoroscopy, or conventional contrast radiography

Diagnosis, Trematoda
Dominiques L et al
S[chistosoma] mansoni, humans, diagnosis, factors that may alter results of Kato-Katz fecal examination

Diagnosis, Trematoda
Dubois C
1979 Rev Iber Parasitol 59 (1-4) Jan-Dec 529-536 Wm
Importance of post-cercarial larval phases in differential diagnosis in order to subdivide into genera and subgenera of Strigeoida

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 Wm
Gyrodactylus luciopercae, G. longiradix, morphological 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 Esp 4 (2) Mar-Apr 111-114 Wm
S[chistosoma] haematobium, human urinary infections, 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; Torgerson RD; Dietrich M
1980 J Parasitol 66 (4) Aug 809-814 Wm
Schistosoma haematobium, human, filtration trypan blue-staining-technique is superior to Puelleborn 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
Opisthorchis viverrini, human, diagnosis, technique which permits filtration of duodenal fluid and counting of excreted eggs

Diagnosis, Trematoda
Fletcher M; LoVerde PT; Kunka RE
1981 J Parasitol 67 (4) Aug 593-595 Wm
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 С et al
1979 Ann Fac Med Vet Torino 26 428-442 Wm
Fasciola hepatica, outbreak in goats, epizootiological aspects, clinical signs, pathology, diagnosis, therapeutic value of niclofloran verified: provincia di Torino

Diagnosis, Trematoda
Goff WL; Ronald NC
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 westermanni, 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
Guerlud 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
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
Kibara S et al
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
1979 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 WM; Hillyer GV; Flores SI
Fasciola hepatica, mice and rabbits given and not given chemotherapy, diagnosis, comparison of counterelectrophoresis (CEP), enzyme-linked immunosorbent assay (ELISA), and Kato thick-shear stool examinations, ELISA was most sensitive in detecting early infection but CEP was best indicator of chemotherapeutic success
Diagnosis, Trematoda
L’Ebpaff F et al
1980 Bordeaux Med 13 (4) Feb 10 59-62 Wm
Fasciola hepatica, man, hepatobiliary distoma-
tosis 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
Dictyophora 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
Megalhaes A
1980 Rev Hosp Clin S Paulo 35 (3) June 94-98 Wm
Polystoma, amphibians, larval posterior hooks

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 oxamnique: Brasil

Diagnosis, Trematoda
Moreto M; Barron J
1990 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) Sept 681-698 Wm
Polystoma, amphibians, larval posterior books

Diagnosis, Trematoda
Nozais JP et al
Wm
Paragonimus uterobilateralis, P. africanaus,
Poikilocercus congolensis, humans, differential
diagnosis (keys to adults and eggs), distribu-
tion in West Africa, probable first and second
intermediate hosts, reservoir hosts, pathologic
forms, review

Diagnosis, Trematoda
Omar A; Sherif MA; Chehata O
bilharziasis, human ureter, pathology, radio-
logic diagnostic findings

Diagnosis, Trematoda
Owczarek L; Zwozdziak 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 appli-
cation to diagnosis of human tropical diseases
and parasitic diseases including echinococe-
sis and schistosomiasis

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 immunofluo-
rescence 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, diag-
nostic value of different signs: Sahel vol-
taïque

Diagnosis, Trematoda
Saif El-Din S et al
Wm
Schistosomiasis patients with viral hepatitis vs.
non-schistosomal patients with viral hepatitis,
diagnostic clinical picture, changes in immuno-
globulin levels and Australian antigen levels

Diagnosis, Trematoda
Sakamoto H et al
1980 Bull Fac Agric Kagoshima Univ (30) Mar
117-122 Wm
Eurytrema coelomaticum, cattle, clinico-
pathologic findings, diagnosis, nitroxylin treat-
ment: Kagoshima Prefecture

Diagnosis, Trematoda
Sammalev P et al
1981 Ann Parasitol 56 (2) 155-166 Wm
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
Wm
Helminthiasis, Europeans returning from tropi-
cal 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 Sympoisms 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, small 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; Cooper 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 aid.

Diagnosis, Trematoda
Tacla M; Bonafe E; Pimentel ERR
1980 Arq Gastroenterol 21-25 Wa
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
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
Differential diagnosis of causes of human gross ascites, includes cases of schistosomal portal 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
Zahran MM; Badr MM
Schistosoma haematobium, patients with bilharzial uro-obstructive lesions, assessment of renal, ureteral, and bladder functional status by means of Hippuran 131 extended renography technique.

Diagnosis, Trematoda
Zillmann U; Voelker J
1980 Tropenmed und Parasitolog 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
Dipetalogoaster maximus (vectors of Trypanosoma cruzi), biology, large scale cultivation, possibly most suitable triatomid for xenodiagnosis.

Diagnosis, Xenodiagnosis
Christensen HA; Herrera A
Trypanosomatidae from Choloepus hoffmanni, xenodiagnostic feeding trials with Lutzomyia spp., comparison with biopsy-culture technique.

Diagnosis, Xenodiagnosis
Corsini AC; Oliveira OL; Costa MG
1980 Ztschr Parasitenk 64 (1) 28 (1) Jan-Mar 48-27 Wm
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.
Diarrhea
Costa CBN 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
Hepatozoon 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

Diaphragm: See Life cycle

Diarrhea
Anderson RC
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 Crocott-Gomori methanamine silver stained faecal smears taken during field outbreaks of diarrhoea

Diarrhea
Bergeland ME; Johnson DD; Shave H
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 diarrheas, 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 LG et al
1980 Gastroenterology 78 (6) June 1626-1614 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
Ljungstroem I et al 1980 Infect and Immum 30 (3) Dec 734-740 Wm
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 Wm
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 1980 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 M et al 1980 Arch Dis Childhood 55 (5) Sept 715-716 Wm
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 Wm
Intestinal coccidiosis as cause of baby pig diarrhea

Diarrhea
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
Poevoorde J; Berghen P 1981 Research Vet Sc 31 (1) July 10-13 Wm
Oesophagostomum dentatum, repeated daily mass infection in pigs fed limited ration, severe diarrhea 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 Wm
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 Wm
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 DK et al 1980 Vet Rec 106 (22) May 31 458-460 Wm
Cryptosporidium, 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 Wm
Coccidia as cause of scour, baby pigs, pathology, amprol, mixed infections with Strongyloides ransomi and other enteropathogens: swine farms, South Georgia

Diarrhea
Tzipori S et al 1980 Infect and Immum 30 (3) Dec 884-886 Wm
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
Cryptosporidium [sp.], man (fecoal), cause of vomiting and diarrhea, diagnosis by Giemsa-stained fecal smear

Diarrhea
Cryptosporidium [sp.], suckling calves (nat. and exper.), outbreak of diarrhea

Diarrhea
Tzipori S et al 1981 J Clin Microbiol 14 (1) July 100-105 Wm
Cryptosporidium sp. as cause of diarrhea in artificially-reared lambs (nat.) and specific-pathogen-free lambs (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 Wm
Cryptosporidium sp. as cause of diarrhea in specific-pathogen-free mice and rats (both exper.) (small intestine and feces of both)

Diarrhea
Tzipori S et al 1981 Infect and Immum 33 (2) Aug 401-406 Wm
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,
erosional relationship established (by indi-
rect immunofluorescence) between Cryptospor-
idium isolated from the deer and bovine Crypto-
sporidium associated with earlier outbreak in
suckled beef calves raised at the same re-
search 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) 444-466 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

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 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

Diet and nutrition, Host
Attia MES; Fathy IM; Attia AMN
1979 Vet Med Kairo 26 (26) 1978 65-74 Is-
sued Aug 8 Wa
Eimeria tenella, chickens, increased host re-
sistance 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
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

Diet and nutrition, Host
Butorina TE
1975 Parazitologija Leningrad 9 (3) May-June
237-246 Wa
parasite fauna of different intraspecific
forms of Salvelinus alpinus, dynamics in rela-
tion to host age and feeding habits; some ob-
servations on life cycle, development, and
maturaton 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 vivi, calves with artificially
induced infestations, effects of host nutrition
and self-grooming on development and pathoge-
nicity

Diet and nutrition, Host
Carroll 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
Nippostrongylus 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

Diet and nutrition, Host
Crompton DWT; Hall A
1981 Parasitology 82 (4) July 31-48 Wa
parasitic infection and host nutrition, Work-
shop Proceedings, 3. European Multicolloquium
of Parasitology

Diet and nutrition, Host
Crompton DWT; Walters BR; 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 distribu-
tion, worm recovery rates, prepatent periods,
and egg production in immunized vs. nonimmun-
ized deer exposed to challenge suggested a
naturally-acquired immunity: Georgia; South
Carolina; Florida

Diet and nutrition, Host
DeMoyer RM
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
Oroithyosaurus sylvirum. Menacanthus stramineus, 30 strains of egg-type hens, dispersal patterns in poultry house, no indications of host resistance, dietary regimen 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
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
Plasmadium 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
Plasmadium 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 37-45 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
Forsyth 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 infection, vitamin A deficiency, route and site of infestation

Diet and nutrition, Host
Haller L; Lauber E
Parasites in school children, influence on growth: Ivory Coast

Diet and nutrition, Host
Haller L; Lauber E
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
Culcicermis 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
Ornithonyssus sylviarum, Menacanthus strami neus, 30 strains of egg-type hens, dispersal patterns in poultry house, no indications of host resistance, dietary regimen had no effect on parasites in school children, relationship to 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
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

Diet and nutrition, Host
Kaya HK; Moon KD
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 RR; Pye WE; Schnitz 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 WJ
1981 Ztschr Versuchstierk 23 (4) 226-230 Wa
Influence of composition of host diet on gastro-intestinal colonization resistance against bacteria and Aspiculuris tetrapertata in mice
Diet and nutrition, Host
Krishna Das KV
1980 J Am Physicians India 28 (12) Dec 521-533 Wa
nutritional anaemia, includes helminths as a major cause in children (survey by age groups): India

Diet and nutrition, Host
Lankester MW; Snider JH; Jerrard RE
1979 Canad J Zool 57 (12) Dec 2355-2357 Wa
Paramephistomonas cervi, annual maturation in Alices albes, possible influence of host diet

Diet and nutrition, Host
Martin J
1980 Parasitology 80 (1) Feb 39-47 Wa
Nippostronglyus brasiliensis-infected rats maintained on low protein diet, scanning electron microscopy of small intestinal pathology

Diet and nutrition, Host
Mascaro-Lazcano MC; Guavar-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
Meikins RH; Harland PSKG; Carswell F
1981 Tr Roy Soc Trop Med and Hyg 75 (5) 731-735 Wa
helminthiasis and malnutrition among schoolchildren, preliminary survey; immediate skin hypersensitivity tests for Ascaris and Schistosoma proved unreliable: Tanzania

Diet and nutrition, Host
Misra A; Katiyar JC; Sen AR
1980 Indian J Exper Biol 18 (4) 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 Hymenoepistus nana did not)

Diet and nutrition, Host
Murray MJ; Murray AB; Murray NJ
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
Pues RAB; Chief 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
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
Oxystrongylus muspratti, infectivity for Culex pipiens over range of salinities and dilutions of organically rich tree-hole water (comparison with Romanormerus culicivorus), effect of host diet, host density, and worm burden on parasite male-female sex ratios, longevity of laboratory cultures subjected to continuous intermittent flooding, advantages of O. muspratti over R. culicivorus 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
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
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school children, a case-finding and epidemi-
ological survey, includes importance of hookworm
in etiology: Gilbert Islands

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feeding behavior and food sources exploited; site preference, variation with water tempera-
ture and host length: Blind Brook, West-
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Diet and nutrition, Host
Rondelaud D; Barthe D
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Fasciola hepatica-infected Lymnaea truncatula (exper.), amebocytic reaction, relationship to
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and food supply

Diet and nutrition, Host
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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

Diet and nutrition, Host
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1980 Internat Arch Allergy and Applied Immunol
61 (3) 271-277
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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
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terrelarship of feeding regimen (ad libitum vs. restricted), anticoccidial drug effi-
cacy, and development of coccidial immunity

Diet and nutrition, Host
Schom CI; Novak M; Evans WJ
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Hymenolepis cistelli 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
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Typhlocoelium cucumerinum cymbium, T. c. cu-
cumerinum, prevalence, abundance, and intensity of infection, seasonal, age, and sex differences in wild ducks; positive correla-
tion between infections and occurrence of snails in diet

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Sharp PT; Harvey P
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Plasmodium falciparum and P. vivax, contribut-
ing factor to stunting of growth (expression of malnutrition) in young children, suggested prophylactic and/or control measures: High-
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Diet and nutrition, Host
Sherif SM et al
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panied by intestinal malabsorption resulting in cachexia and malnutrition, pathology com-
pared with patients with schistosomal liver fibrosis and with normal controls

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Skorping A
1980 J Fish Biol 16 (5) May 483-492
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incidence and intensity, site preference (gut) in host, host diet, sex, and size factors: Lake Lille Aklungen, vicinity of Oslo, Norway

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1980 Vet Quart 2 (2) Apr 90-94
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reared axenically on defined synthetic diet
vs. in conventionally reared A. aegypti

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Brugia pahangi, growth and development im-
provement with lecithin in diet of axenically reared hosts, Aedes aegypti

Diet and nutrition, Host
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Yogyakarta

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tis, A. ginginianus, intensity of infection
in relation to host sex, diet, and season

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tion in children, review with recommendations for further research and for control of asca-
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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
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
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Diet and nutrition, Host
Symons LRA; 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
Microphthalmus salminis in Coenosynus larvarum, 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 Immum 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 visceral, 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 Wm
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 8124-131 Wa
Cochliomyia hominivorax females, olfactometer bioassay for study of screwworm attractants, physical and physiological conditions that influence attraction, effect of diet on attractiveness

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1981 Exper Parasitol 51 (3) June 318-324 Wm
Trypanosoma cruzi, nucleotide and vitamin requirements of growing epimastigotes assessed using defined culture medium

Diet and nutrition, Parasite
Barrett J

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Bienen EJ; Hammadi K; Hill GC
1981 Exper Parasitol 51 (3) June 408-417 Wa
Trypanosoma brucei, reproducible in vitro system for study of transformation of bloodstream- to procyclic-trypomastigotes, morphological changes, nutritional requirements, respiration

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Binnington KC; Lane NJ
1980 J Neurocytol 9 (3) June 343-362 Wa
Boophilus microplus, changes in glycogen levels in perinuclear cells during feeding, suggests that major function of these cells is trophic, ultrastructural study of perinuclear and glial cells
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Diet and nutrition, Parasite
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Schistosoma mansoni, in vitro effects of actinomycin-D on gast roderms of schistosomes, treated schistosomes were incapable of ingesting red blood cells

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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
1979 J Parasitol 65 (4) July 485-488 Wa
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Diet and nutrition, Parasite
Crompton DWT; Hall A
1981 Exper Parasitol 51 (2) Apr 296-306 Wa
Schistosomatium douthitti, transintestinal uptake of male and female worms, possible implications for male-female nutritional relationships

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1981 Exper Parasitol 51 (2) Apr 296-306 Wa
Schistosomatium douthitti, transintestinal uptake of male and female worms, possible implications for male-female nutritional relationships

Diet and nutrition, Parasite
Lavoipierre MMJ; Radovsky FJ; Budwiser PD
Tungma 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
1981 J Parasitol 67 (1) Feb 124-126 Issued June 18 Wa
Leptomonas lactosovorans n. sp. from Zelurus martini (midgut), growth in defined medium, nutritional requirements, utilization of lactose as carbon source is unique among trypanosomes: Goiana, state of Goias, Brazil

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1981 Exper Parasitol 51 (2) Apr 296-306 Wa
Vicia faba, sugar uptake in male and female worms, possible implications for male-female nutritional relationships

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Manga AC; et al
1981 J Protozool 28 (1) Feb 124-126 Issued June 18 Wa
Leptomonas lactosovorans n. sp. from Zelurus martini (midgut), growth in defined medium, nutritional requirements, utilization of lactose as carbon source is unique among trypanosomes: Goiana, state of Goias, Brazil

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

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Ngiambi N2 et al
Plasmodium berghei, sporozoites used for laboratory studies, survival and infectivity dependent on such factors as culture medium, temperature in culture or in vector saliva glands, route of inoculation into laboratory animals

Diet and nutrition, Parasite
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1980 Trop Dis Research Ser (3) 247-248 Wa
Trypanosoma cruzi, nutritional requirements in vitro, workshop presentation
Digestion, Host
Steel JW; Symons LEA; Jones WO
1980 Austral J Agric Research 31 (4) July 821-830 Wa
Trichostrongyulus 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
Schistosoma mansoni, in vitro effects of ac-tinomycin-D on gastrodermis of schistosomules, treated schistosomules were incapable of ingesting red blood cells

Digestion, Parasite
Pappas PW
1980 Ohio State Univ Res Colloq (5) 145-172 Wa
enzyme interactions at host-parasite interface, review

Digestion, Parasite
Steiger RF; Opperoedes 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

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 associated with megaesophagus in man, evidence of stomach dilatation and delay in intestinal transit time

Digestive system, Host
Stringfellow F; Madden PA
Ostertagia ostertagi, calves (exper.), effects on chief cell pepsinogen granules from calf abomasum, correlation with selected plasma and abomasal proteins; horseradish peroxidase as tracer for vascular leakage, results imply that chief cell pepsinogen was released directly into the circulation (giving abnormally high plasma values) rather than taken up from the gastric contents through a damaged vasculature
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
Disease models, Animal
See Technique, Experimental hosts

Disease transmission
Domenicano 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, salon shampoo and malathion treatment,
transmission of mites to pigs maintained in
same yard non-specific, possibly through in-
direct sources: Ranchi, India

Disease transmission, Acarina
See Vectors, Acarina

Disease transmission, Animal to animal
[Disease transmission, Venereal]

Disease transmission, Animal to animal
Dipeolu O; Akinboade OA; Adetunji A
1980 Vet Parasitol 8 (4) Sept 337-339 Wa
Anaplasma marginale, experimental transmission
from naturally infected Cricetomys gambianus to
spleenectomized calf, possible significance of
C. gambianus as reservoir host: Nigeria

Disease transmission, Animal to animal
Dubey JP; Williams CSP
1980 Parasitology 81 (1) Aug 123-127 Wa
Hammondia heydorni, isolation of oocysts from
dogs fed skeletal muscle from naturally in-
fected moose and goat, cross-transmission in
goats, sheep, dogs, and coyotes

Disease transmission, Animal to animal
Dubey JP; Williams CSP; Akinboade OA; Adetunji A
1980 Vet Parasitol 8 (4) Sept 337-339 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
Fisher WF; Miller RK; 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

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 trans-
mision 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
Gajanan A; Naseem M
1980 Indian J Med Research 72 Oct 492-496 Wa
Plasmodium relictum and species resembling
P. hexamerum in Ploceus philippinus, labora-
tory 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
Hutchison WM; Aitken PP; Wells BWP
1980 Ann Trop Med and Parasitol 74 (2) Apr
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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
Hutchison WM; Aitken PP; Wells BWP
1980 Ann Trop Med and Parasitol 74 (2) Apr
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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
Kotrla B; Kotriyl A
1980 Ang Parasitol 21 (2) May 79-82 Wa helminths, transmission among native and imported game, 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; Estea SA; Arlian LG
1980 J Am Vet Med Ass 177 (9) Nov 1 903-908 Wa Trichacarus 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
McChee 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; Korval 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 transfer 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 cats 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 RFT; Demel WA

Disease transmission, Animal to animal
Mitchell GB; Linklater KA
1980 Vet Rec 107 (5) 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 sarcocysts, subsequent transmission to cats, infected rabbit muscle did not infect other rabbits, cat confirmed as definitive host; morphologic 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 JW 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
Rees S; Varon EA; Magonigle JA; Vaughan SW
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, transfer of larvae and cysts to spleenectomized 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 pipерazine; 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 Sarcocystis 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
Sasaki Y et al
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
Noesma sp. in Antheraea assamensis, transovarian transmission, prevalence in infected progeny.

Disease transmission, Animal to man
Wolters E; Heydorn AO; Laudahn C
1980 Berl u München Tierarztl Wchnschr 93 (11) June 1 207-210 Wa
Cystoisospora felis oocysts and Sarcocystis bovifeiels sporocysts in feces of cats fed raw bovine diaphragm muscle, no oocysts or sporocytes excreted when cats were fed raw 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-Karni 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 (etiological agents, geographic occurrence, principal food source), general review.

Disease transmission, Animal to man
Bettini P; Canestri-Trotti G
1978 Parasitologia 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
Broadent EJ; Rose 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 resi-dent animals: California.

Disease transmission, Animal 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, Animal to man
Ghoshabarti A et al
1981 Ann Trop Med and Parassitolog 75 (3) June 353-357 Wa
Sarcoptes scabei 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 JG; 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
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 J Am Epidemiol 111 (2) Feb 236-246 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 Gesundtsv 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
1980 Ann Coll Med Mosul 10 (1) Jan 19-22 Wm
Dermanyssus gallinae, outbreak in humans caus- ing 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
Thermicapsifer madagascariensis, Schistosoma spp., spiruroid ova, fecal survey, helmintho- zoonic 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 Wm
Ctenocephalides felis, human infestation from suburban Procyon lotor, case report: Takoma Park, Maryland

Disease transmission, Animal to man
Ivashkin VM; Leikina ZG; Shikhobalova NP
1978 Trudy Gel'mintol Lab Akad Nauk SSSR 28 77-80 Wm
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Disease transmission, Animal to man
Levine SE; Mossier 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
Claria labialis, clinical, epidemiological, and laboratory aspects of communitywide out- break of gastrointestinal illness; water im- plicated 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 Wm
Brugia and Dirofilaria spp., dogs, cats, zoo- notic implications and their impact on the hu- man 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
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, Animal to man
Kummel BA; Enests SA; Arlian LG
1980 J Am Vet Med Ass 177 (9) Nov 1 903-908 Wa
Toxoplasma canis 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 com- parison of T. caviae and Sarcoptes scabiei; re- ported successful treatments; possible model for study of scabies in man and other animals

Disease transmission, Animal to man
Overstreet BM; Meyer GW
1981 J Parasitol 67 (2) Apr 226-235 Wm
Hysterothylacium type MB larvae from Paralich- thyis lethostigma as cause of hemorrhagic les- ions in stomach of Nassa muhla (exper.), implications for human consumption of raw seafood

Disease transmission, Animal to man
Koful H; Muncuguoli Y
1981 Praxis Bern 70 (10) Mar 3 414-429 Wm
Sarcoptes scabiei var. hominis, humans, in- creasing 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 WK
1981 J Wildlife Dis 17 (3) July 343-347 Wm
Sarcoptes scabiei from Canis Iatrans, Vulpes vulpes, and Canis lupus, attempted experimental transmission to coyotes, dogs, and coyote-dog hybrids, four suspected human cases resulted from handling infected coyotes
Disease transmission, Animal to man
Schantz PM et al
1980 Am J Pub Health 70 (12) Dec 1269-1272 Wm
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 Wm
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 N
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
Tsipori S et al
1980 Infect and Immun 30 (3) Dec 884-886 Wm
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
Pilaroides birtli, dog, fatal hyperinfection suggestive of autoinfection

Disease transmission, Autoinfection
de Gaetani CF; Sansicuro Betricellii 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 DJ; Dawkins HJS
1981 Parasitology 83 (2) Oct 461-469 Wm
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
Moqbel R; McLaren DJ; Wakelin D
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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
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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
Baruffa G
1979 Rev Inst Med Trop S Paulo 21 (1) Jan-Feb 37-41 Wm
Chagas disease by blood transfusion, report of two acute cases treated with nifurtimox: Londrina, Parana State, Brasil

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 Wm
Plasmodium falciparum, laboratory worker, accidental self-inoculation with infected blood: London

Disease transmission, Blood
Bourree P; Fouquet E
1978 Bull Soc Path Exot 71 (3) May-June 297-301 Wm
Plasmodium falciparum infection transmitted from infected patient to nurse who had drawn blood sample, case report: Cameroun

Disease transmission, Blood
Chouriet 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 malarialis: France
Disease transmission, Blood
Conrad ME
1981 Seminars Hematol 18 (2) Apr 122-146 Wa
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humans, review article, includes human blood
parasites

Disease transmission, Blood
Cruz FS; Marr J3; 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 poten-
tial blood donors using the complement fixation
test and antigen stabilized against
enzymatic hydrolytic denaturation and bacterial
contamination, potentially more efficient and
accurate test

Disease transmission, Blood
Fayer R; Leek RG
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 malariae, 4-month-old child after
exchange transfusions for ABO incompatibility,
case report: Turkey

Disease transmission, Blood
Gogus S; Sellioglu B; Yiilgor 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
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of action of 3-allyl-8-lapachone in vitro,
might be useful in preventing transmission of
Chagas' disease during blood transfusion and but
is not active against infections in mice

Disease transmission, Blood
Hernandez Sanchez JM
1980 Sangre Barcelona 25 (58) 848-855 Wm
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transmitted by blood and its derivatives

Disease transmission, Blood
Hira PR; Huselín SF
1979 J Hyg Epidemiol Microbiol and Immunol 23
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induced: Zambia

Disease transmission, Blood
Jacoby GA et al
Wa
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treatment of transfusion-transmitted
babesiosis by exchange transfusion: Massachusett

Disease transmission, Blood
Joishy SK; Lopez CG
1980 Am J Hematol 8 (2) 221-229 Wm
Plasmodium falciparum, transfusion-induced in-
fecion 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 Ruggenini 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
was 6 days old); Finland (apparently healthy
donor had travelled in southern Europe)

Disease transmission, Blood
Peltola H; Rapola J; Jokipiili 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 Sciavo 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

Anderson N et al
1980 Research Vet Sc 29 (3) Nov 333-341 Wa

nematodes, sheep, oxendazole in controlled
release intramuscular capsules, pen and field
experiments, potential for prevention of hel-
minthosis in sheep

Disease transmission, Control

Anderson RM
1980 Lecture Notes Biomath 39 278-322 Wa

mathematical framework to describe dynamics of
direct life cycle helmint control, 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 Nectar-
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

Disease transmission, Control

Apted PIC
1980 Pharmacol & Therap 11 (2) 391-413 Wa

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humans, present status of chemotherapy and
chemoprophylaxis, extensive review

Disease transmission, Control

Arlian LG et al

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

Schistosoma mansoni, human, long-term control
project in which mollusccide 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
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 Biomp-
halaria glabrata, costs: Cul de Sac Valley,
Saint Lucia

Disease transmission, Control

Bastin R; Charmot G
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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, Control

Bell D
1980 J Antimicrob Chemother 6 (1) Jan 7-9 Wm
malaria chemoprophylaxis, development of resis-
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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, sug-
gested prophylaxis includes chloroquine fol-
lowed 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 pro-
phylaxis 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, Man-
son 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

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Control: Then and Now, 3. AMCA Memorial
Lecture

Disease transmission, Control

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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

Disease transmission, Control

Catar C
1979 Bratial Lekar Listy 72 (5) Nov 524-529 Wm

toxoplasmosis, humans, possible occupational
disease (employees in meat industry, labora-
atory workers in contact with infected animals,
health service personnel etc.), recommenda-
tions for control

Disease transmission, Control

Chapin G; Wasserstrom R
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185 Wa

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dia, relationship to intensified agricultural
production and associated increased use of
pesticides which has led to pesticide resis-
tance in many vectors

Disease transmission, Control

Cheesmond AK; Fenwick A
1981 J Trop Med and Hyg 84 (3) Jan 101-107 Wa

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tory behaviour of resident and migrant labour-
ners 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
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Chlebowski HO; Zielke E
1980 Tropenmed u Parasitol 31 (2) June 181-193
Wm
Wuchereria bancrofti, rural population, efﬁciency 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
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Wm
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Disease transmission, Control
Crosskey RW
1981 Tropenmed u Parasitol 32 (1) Mar 1-16
Wm
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Disease transmission, Control
Curtis CF; Feachem RG
1980 Indian J Med Research 72 Oct 500-507
Wm
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 Indian J Med Research 72 Oct 500-507
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
Wm
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 17-25
Wm
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
Wm
Plasmodium spp., Europeans who had been living in endemic areas of Africa, analysis of fluorescent antibodies in serum, useful in evaluating success of chemotherapy, detecting infections in potential blood donors, and in evaluating febrile illnesses

Disease transmission, Control
Dubey JP
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, Control
Dunn PL
1979 Bull World Health Organ 57 (6) 887-902
Wm
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
Feliman YM
1981 Bull NY Acad Med 2 s 57 (3) Apr 201-206
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Entamoeba histolytica, Giardia lamblia, human, sexual transmission, approaches to control, symposium presentation

Disease transmission, Control
Ferrucci M
Wm
Toxoplasma gondii and measles, humans, plan for control of congenital infections: Provincia di Ferrara, Italy

Disease transmission, Control
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Wm
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Disease transmission, Control
Gibson TE
1980 Vet Parasitol 6 (1-3) Jan 241-254
Wm
Factors influencing application of anthelmintics for control of parasites, review

Disease transmission, Control
Gillet J; Jacques PJ; Herman F
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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
Wm
Model for parasitic disease control by permanent time-continuous mixed program of vector reduction and drug application

Disease transmission, Control
Grossklau D
1979 Oeffentl Gsundhtsw 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
Cruvel J
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tweeze fly vectors of animal trypanosomiasis; possible control measures, economic importance: West Africa

Disease transmission, Control
Hall AP
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Disease transmission, Control
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1980 J Hyg Cambridge 84 (3) June 389-404 Wm
Echinococcus granulosus, Taenia hydatigena, T. ovis, deterministic model to compare various control strategies for parasites having 2 hosts

Disease transmission, Control
Henry FJ
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children studied with regard to anthropometry, intestinal helminths (Ascaris and Trichuris), diarrhoeas 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, Control
Hiatt RA et al
1980 AM J Trop Med and Hyg 29 (6) Nov 1228-1240 Wm
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 Wm
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
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Disease transmission, Control
Jacobson RA; Hurst GA
1979 J Wildlife Dis 15 (1) Jan 43-47 Wm
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Disease transmission, Control
Jancloes M; Jancloes-Diepart M
parasitism, humans, evaluation of mass therapy and sanitation as control measures in rural areas, concluded that long-term success against intestinal infections depends on quantity of water available: Lower Zaire

Disease transmission, Control
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impeded sanitation has decreased the incidence of human malaria but intestinal parasites are controlled only by continued mass anthelmintic therapy: Zaire

Disease transmission, Control
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Disease transmission, Control
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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, Control
Jobin WR
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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

Disease transmission, Control
Jolisy 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

Disease transmission, Control
Jones RM
1981 Vet Parasitol 8 (3) July 237-251 Wm
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

Disease transmission, Control
Jordan P; et al
1980 Tr Roy Soc Trop Med and Hyg 74 (4) 493-500 Wm
Schistosoma mansoni, human, control, chemotherapy as supplement to focal molluscidiciding 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 Wm
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Disease transmission, Control
Jummer B et al
1981 Med Trop 41 (2) Mar-Apr 135-146 Wm

Disease transmission, Control
Katz N; Rocha RS; Pereira JP
[Schistosoma] mansoni, control in a small endemic area by treating population yearly with oral ozaminiquine and using niclosamide in bodies of water containing small vectors: Peri-Peri, Minas Gerais, Brazil

Disease transmission, Control
Kimura S; Shimizu A; Kawano J
1980 J Parasitol 66 (4) Aug 699-700 Wm
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 Wm
Haematobia irritans, cattle, control with fenvalerate ear tags even when 1/3 of herd was not tagged

Disease transmission, Control
Kolstrup N et al
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 PN
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 larval 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: Blaige area, Iraq

Disease transmission, Control
Kutsumi H et al
1980 Hokkaido Igaku Zasshi (Hokkaido J Med Sc) 41 (2) July-Aug 121-124 Wm
[Schistosoma] japonica, diagnosis, inhabitants of 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
Kvass L
1979 Bratil Lekar Listy 72 (5) Nov 397-400 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
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Disease transmission, Control
McCleery CH
1981 Lancet London (8250) 2 Oct 813 Wm
Plasmodium falciparum and other malarias, prophylaxis particularly with chloroquine, admonitions on use and abuse

Disease transmission, Control
Magalhaes PA et al
kala-azar, humans, domestic animals, review of results of 14-year control campaign in endemic area of Rio Doce, Minas Gerais, Brazil

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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 Wm
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 57-61 Wm
Trichomonas vaginalis, humans, role of sexual contact and extragender routes in the spread of infections

Disease transmission, Man to man
Palicka P; Malis I; Zitek K
1980 Ceskoslov Epidemiol Mikrobiol Imunol 29 (1) Jan 52-59 Wm
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
Onchocerca ochengi, presence of large numbers of third stage larvae in soil on apparently safe afterbirth pastures

Disease transmission, Man to man
Listy 72 (5) Nov 524-529 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 Disease transmission, Feces

Disease transmission, Soil
Armour J et al
1980 Vet Rec 106 (8) Feb 23 184-185 Wm
Ostertagia ostertagi, presence of large numbers of third stage larvae in soil on apparently safe afterbirth pastures

Disease transmission, Soil
Brook I et al
1981 1C 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
Nonstands of cattle (feces), vertical migration of larvae through soil after burial of eggs at varying depths, laboratory studies; swine pasture 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 L et al
1980 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, Soil
Lawande RV
1980 Ztschr Parasitenk 63 (3) 251-259 Wa
Naegleria fowleri identified in Muslim farmer feces, unusual and severe clinical manifestations, 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

Disease transmission, Transplacental
See Prenatal infection

Disease transmission, Transport hosts
See Vectors, Mechanical

Disease transmission, Travel and migration
See also Disease transmission, Imported and exported hosts

Disease transmission, Travel and migration
Anderson JF et al
1981 Am J Trop Med and Hyg 30 (4) Julv 897-899 Wa
Rhinocerous simus, importation into United States from Africa on boutonneuse fever patient: 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 Wa
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 Wa
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 Wa
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, Travel and migration
Vinayak VK; Chatterji NL; Chuttani 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, Travel and migration

Bella H et al
1980 Tr Roy Soc Trop Med and Hyg 74 (1) 36-39 Wm
Schistosoma mansoni, migrant workers, prevalence (by age, sex, ethnic group, and area), morbidity: Gezira, Sudan

Disease transmission, Travel and migration

Bengtson 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 Gsundhtsw 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; Anguita P
1980 Rev Med Chile 106 (1) Jan 66 Wm
helminths, humans, coprological survey of inhabitants and workers in rural municipality of Rostock district, GDR, comparisons with incidence in animal workers of other municipalities, soamen going to the tropics, and immigrants from the tropics

Disease transmission, Travel and migration

Böttiger M et al
1980 Nord Med Stockholm 95 (4) Apr 125-127 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 Belg Med Trop 58 (2) June 77-88 Wm
mass travel and imported diseases, including several parasitic infections, humans, advice for travellers, brief review

Disease transmission, Travel and migration

Brunner G; Reisner T; Schnabberth 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

Bulsoni 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 Wm
Schistosoma mansoni, migrant workers, sociologically distinct groups, water contact behavior patterns in relation to risk of infection: Gezira, Sudan

Disease transmission, Travel and migration

Cookie RA; Shannon J
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

Coulaud JP et al
1979 Ann Int Med Paris 150 (12) Dec 670-673 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 Wm
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 Offentl Gsundhtsw 42 (11) 865-869 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 Wm
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 Wm
visitors' diarrhoea, 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 Wm
trypanosomiasis, human, epidemiology, influence of population changes and movements including migrants and refugees, review: Central Africa

Disease transmission, Travel and migration
Fleury P et al
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
1980 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 diagnostic techniques: France

Disease transmission, Travel and migration
Garns R; Walsh JP; Davies JB
1979 Tropenned u Parasitol 30 (3) Sept 345-362 Wm
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, Travel and migration
Gentilini M et al
1981 Tr Roy Soc Trop Med and Hyg 75 (3) 455-460 Wm
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
Disease transmission, Travel and migration
Hill IR; Turk EP 1980 Aviqiation Space and Environ Med 51 (9 pt 2) Sept 1069-1070 Wm
Schistosomiasis, case reports, incidental finding 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
Keen RL; 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 fishing 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, localizations on forehead and lumbar regions of skin: Germany (after travel to endemic areas)

Disease transmission, Travel and migration
Intestinal parasites in Indo-Chinese immigrants, Cambodians and Laotians had higher rate of multiple parasites than Vietnamese, Giardia lamblia was more prevalent in children: clinics in San Diego, California

Disease transmission, Travel and migration
Horstmann P 1980 Ugeskr Laeger 142 (4) Jan 21 243-246 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
Trypanosoma rhodesiense, tourists and sportsmen returning from east, central, or southern Africa, clinical features, serological and cerebro-spinal fluid observations, recommended treatment regimen

Disease transmission, Travel and migration
Jaremik 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 JW; Stewart JB; Roberts RM 1980 Postgrad Med J London (661) 56 Nov 802-803 Wm
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
Junier B et al 1981 Med Trop 41 (2) Mar-Apr 135-146 Wm

Disease transmission, Travel and migration
Kaiser NN; Hoogstraal H; Watson GB 1974 Bull Entom Research 64 (1) Aug 97-110 Wm
ticks, migrating birds, epidemiological potential of birds and their tick passengers: Cyprus

Disease transmission, Travel and migration
Kau SKP; Chong EL 1980 Ann Trop Med and Parasitol 74 (2) Apr 267-269 Wm
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) Jul 1217-1219 Wm
Intestinal infestation by parasites in business executives involved in foreign travel, incidence survey, comparison with similar survey done 10 years previously: personnel returning from abroad to the United States

Disease transmission, Travel and migration
Khulil 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 discussed in light of snail prevalence, water sources, and community development: New Nuba, Egypt

Disease transmission, Travel and migration
Intestinal parasitism, incidence survey, migrant farm labor populations in irrigation schemes in the Awash Valley, and in major labor source areas: Ethiopia

Disease transmission, Travel and migration
Krampritz HK 1981 Hautarzt 32 (5) May 221-227 Wm
Elba triad (cutaneous or visceral leishmaniasis, kalaazar, light dermatoses), humans, epidemiologic investigation of this pathologic condition in tourists after travel to the Tuscany archipelago, probable Phlebotomus vectors, 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 65 (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

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
Rowe RS
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
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
Soel KJ; van der Kaay WJ
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 Amoebic 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
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
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 TW
1980 Am J Trop Med and Hyg 29 (6) Nov 1223-1227 Wm
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 RF
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 (5) 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 RJ
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
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; Nemesskeri M
1981 Orvosi Hetilap 122 (2) Jan 11 99-100
Plasmodium vivax, man, case report, infected while in Nigeria, problems of prophylactic control, antimarial recommendations: Hungary

Disease transmission, Venereal
Chapel TA et al
1979 Sex Transm Dis 6 (4) Oct-Dec 257-260
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
Cryptobia sp., 2 populations (attached and free swimming) within spermatotheca of Triodopsis multilineata, fine structure of attached flagellates and their mode of attachment to spermatotheca, venereal mode of transmission suggested: Platte River near Louisville, Sarpy Co., Nebraska

Disease transmission, Venereal
Dubey JP; Sharma SP
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 57 (3) Apr 201-206
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
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
Heller M
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
Hurlwitz AL; Owen RL
1978 West J Med San Francisco 128 (1) Jan 89-91
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
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
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
Sexually transmitted diseases in adolescents, includes Trichomonas vaginalis

Disease transmission, Venereal
McCormack WM et al
Sexually transmitted conditions among women college students, survey, includes Trichomonas vaginalis; scabies and pediculosis pubis were not encountered

Disease transmission, Venereal
McMillan A
Intestinal parasites, homosexual men, incidence survey at sexually-transmitted disease clinic in Glasgow, Scotland

Disease transmission, Venereal
Malyzsko E; Zajac W
1980 Przegl Dermat 67 (1) Jan-Feb 53-61
Trichomonas vaginalis, humans, role of sexual contact and extragenital routes in the spread of infections

Disease transmission, Venereal
Marr JS
1981 Bull N York Acad Med 2 57 (3) Apr 188-200
Anemiasis, human, changing pattern of transmission in New York City, current epidemic among homosexual men in West Village, symposium presentation

Disease transmission, Venereal
Mason PR
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
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
Medical treatment of sexually transmitted diseases in developing countries, humans, trichomoniasis briefly discussed
Disease transmission, Venereal
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

Disease transmission, Water
Alharet JL et al
Passiola gigantea, Senegalese strain, ciliated cells and argentophilic structures of miracidium, emission and chaetotaxy of cercariae, 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
Bonney 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

Disease transmission, Water
Bunnag T et al
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

Disease transmission, Water
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, Water
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, Water
De Jonckheere JF
1979 Ann Microbiol 130 (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 Protosool 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
Disease transmission, Water
Edungbola LD
1980 Acta Trop 37 (1) Mar 73-81 Wa
patterns of water utilisation 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 (Ascariosis and Trichuriasis), 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; Uhran 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 Ethioj 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
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
Lemna A et al
1979 Ethioj 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 Wm
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

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against parasite intestinal cells

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trypanosomiasis

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by polyamines, implications

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against parasite intestinal cells

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bial action of metronidazole

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Drugs, Mode of action
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Pasciola hepatica, fine structure of tegument
after in vitro treatment with praziquantel,
scanning and transmission electron microscopy

Drugs, Mode of action
Becker B et al
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changes of tegument after in vitro exposure to
and in vivo treatment with praziquantel,
scanning and transmission electron microscopy

Drugs, Mode of action
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1980 Antimicrob Agents and Chemotherapy 18 (2) Aug 317-322 Wa
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mechanism of action

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activity limited to single gonotrophic cycle

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1978 Acta Trop 35 (3) Sept 221-228 Wa
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Drugs, Mode of action
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nitroimidazole drugs, mode of action

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Drugs, Mode of action
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glycerol: monomorphic Trypanoson completely
cured; pleomorphic Trypanoson initially clear-
ed but later recrudesced; Trypanosoma vivax
radically cured; T. congolense and T. musculi
never cured

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Drugs, Mode of action
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Drugs, Mode of action
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1981 Biochem Parasites (Slutzky) 85-96 Wa
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Drugs, Mode of action
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Drugs, Mode of action
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Drugs, Mode of action
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Drugs, Mode of action
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Drugs, Mode of action
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Drugs, Mode of action
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Drugs, Mode of action
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Drugs, Mode of action
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Drugs, Mode of action
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Drugs, Mode of action
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Drugs, Mode of action
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1981 J Helminth 55 (2) June 115-122 Wa
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Drugs, Mode of action
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Drugs, Mode of action
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Drugs, Mode of action
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Drugs, Mode of action
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Amin OM; Burns LA; Redlin MJ
37-46 Issued Feb 15 Wa
Acanthocephalus parksidei in Canceridae 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

Ecology, Populations
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

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 breakpoints, methods of predicting trends in prevalence and intensity of infection within age-structured populations, dynamics of Neocotyloides 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

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, small host ecology, human and stock contact with different types of waterbodies: Natal, South Africa

Ecology, Populations
Balundo KW; Wilhelm WJ; Kennedy ML
1980 J Parasitol 66 (1) Feb 154-159 Wa
helminth parasites of Procyon lotor (digestive tract), statistical analysis of geographic variation: Tennessee
Ecology, Populations

Barnard DR
Amblyomma americanum, classification into 3
growth classes of female ticks feeding on bovines; density of nymphs, larvae, and adults of
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: Okla-
husa

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, segrega-
tion between the 2 sympatric sibling species
by life cycle, host specificity, and endemio-
tope

Ecology, Populations

Beckett R; Pike AW
1980 Am Midland Naturalist 104 (1) July 135-154
Wa
Probopyrus pandalica on Palaemonetes paludo-
sus, breeding season, brood size (annual and
seasonal variation, relationship to host
length, independent of host sex), attachment
and size development of male and female para-
sites, host and parasite population structure
and longevity: Wakulla Co., Florida

Ecology, Populations

Beck JT
1980 Am Midland Naturalist 104 (1) July 135-154
Wa
Nematospiroides dubius mating activity and sex
ratio in infections of laboratory mice in rela-
tion 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 para-
site community structure (where site specifici-
ty 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.,

Ecology, Populations

Bull CM; Sharrad RD
1980 J Austral Entom Soc 19 (1) 47-52 Issued May
28 Wa
Aponomma hydrosauri reared on Trachydosaurus
rusosus in experimental enclosures, seasonal
changes in tick population: Adelaide, South
Australia

Ecology, Populations

Burn PR
1980 J Parasitol 66 (1) Feb 173-174 Wa
Dorferrema [sp.] in Anomalops katoptron (gall
bladder), infections consisted of single pair of
trematodes, evidence for density-dependent
regulation of fish trematode population: New
York Aquarium, recently shipped from Philip-
pines

Ecology, Populations

Burns EC; Melancon DG
1977 J Mod Entom 14 (2) Nov 247-249 Wa
effect of Solenopsis invicta control on
population size of Amblyomma americanum, field
study, results indicate that fire ant is ef-
fective predator of lone star tick: north-
western Louisiana

Ecology, Populations

Cantrell MA
1979 Canad J Zool 57 (10) Oct 1950-1959 Wa
Nematospiroides dubius mating activity and sex
ratio in infections of laboratory mice in rela-
tion to host age and feeding habits; some ob-
servations on life cycle, development, and
maturation periods of parasites: Azabache
lake basin, Kamchatka

Ecology, Populations

Camp JW jr; Huizinga HW
1980 J Helminth 54 (2) June 87-91 Wa
Probopyrus pandalica on Palaemonetes paludo-
sus, breeding season, brood size (annual and
seasonal variation, relationship to host
length, independent of host sex), attachment
and size development of male and female para-
sites, host and parasite population structure
and longevity: Wakulla Co., Florida

Ecology, Populations

Coadwell WJ; Ward PPF
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

Carey AB; McLean RG; Maupin GO
1980 Ecol Monogr 50 (2) June 131-151 Wa
changes in distribution and abundance of popu-
lations in relation to lake level fluctuations
and other changes in physico-chemical environ-
ment, field data; effect of different levels of
dissolved oxygen on small distribution and rate
of movement, laboratory experiments: Malawi

Ecology, Populations

Campbell A; MacKay PR
1975 System Zool 24 (2) May-June
237-246 Wa
parasite fauna of different intraspecific
forms of Salvelinus alpinus, dynamics in rela-
tion to host age and feeding habits; some ob-
servations on life cycle, development, and
maturation periods of parasites: Azabache
lake basin, Kamchatka

Ecology, Populations

Campbell A; MacKay PR
1979 Parasitology 82 (2) Apr 257-261 Wa
Acanthocephalus dirus in Semotilus atromacu-
latus and Asellus intermedius, seasonal popula-
tion interactions, prevalence and density, host
size, parasite localization in intestine, para-
site 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
Coffman CC
1972 Diss (South Dakota State Univ) 107 pp Ann Arbor Michigan Wa (DISS 72-33,332)

Geomycticus geomydis n. sp. from Geomyx b. bur- saris, rates of infestation by season, sex of host, age of host, statistical analysis and comparison with 4 other major ectoparasite populations (parasite age 6 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; Fence DB
1981 J Parasitol 67 (3) June 289-307 Wa
helminths of wild canids (Canis rufus, C. la- trans, and their hybrids), prevalence, densi- ty, 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
Danilarov MR
1975 Parazitologija Leningrad 9 (4) July-Aug 512-514 Wa
parasite fauna of fish from spring with con- stant high water temperature, differences in summer and autumn: Chilu-Chor Chashma, Tadj- zhikistan

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 birth, advantage of using a moder- ately tick resistant breed: Nouvelle-Caledonie

Ecology, Populations
Deunff J; Beaucaournu JC
1981 Ann Parasitol 56 (2) 203-224 Wa
Spinturniciidae (5 spp.) of bats, host specifi- city, host population structure, parasite localization, parasite sex ratio, seasonal prevalence and intensity of infection; presence of Spinturnix myoti in guano: France

Ecology, Populations
DeVaney JA et al
1980 Poultry Science 59 (8) Aug 1745-1749 Wa
Oribatominous styliarum, Menacanthus strami- neus, 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
chigger vectors of scrub typhus, variation in populations in developing oil palm areas of different ages: Peninsular Malaysia

Ecology, Populations
Evans NA; Whiffeld PJ; Dobson AP
1981 Parasitology 83 (1) Aug 1-12 Wa
Echinoparyphium recurvatum metacercarial cysts in 7 species of mollusc, prevalence and inten- sity, frequency distributions within host pop-ulations, different host size classes, rela- tive 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 15 (4) Dec 299-313 Wa
Triatoma sordida and Panstrongylus megistus, exper. colonization and growth of population, development, annual cycles, dispersal, applica- tions for surveillance of natural popula- tions

Ecology, Populations
Gabaldon A; Ulio G
1980 Tr Roy Soc Trop Med and Hyg 74 (4) 501-507 Wa
avian malaria, high parasite rates in nest- lings, low rates in adult birds, high densi- ties and sporozoite rates of local vector Aedoeomyia squamipennis in nestlings with age suggest great intensity of transmission, situation is regarded as form of holoendemicity which is probably cause of population control, possibil- ity of parasite hybridization: Venezuela

Ecology, Populations
Graf JF; Mermod C; Aeschlimann A
1979 Bull Soc Neuchatel Sc Nat 5 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 distribu- tion in sheep and on pastures, influence of me- terological 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 affect host sex wherever it exists, 2 models (one-locus diploid selection and two-locus haploid selection)

Ecology, Populations
Helle ET; Valtonen ET
1981 Parasitology 82 (2) Apr 287-296 Wa
Corynosoma stroumoum and C. semeerm in Pusa hispida, comparison between spring and autumn, intensity of infection, parasite sex ratio and body length, distribution of worms in intestines: Bothnian Bay of Baltic Sea
Ecology, Populations

Hirsch BP
1980 Internat J Parasitol 10 (4) Aug 243-248 Wa

Polymorphus minutus, patterns of distribution in Gammarus pulex, statistical analysis of Hynes & Nicholais' (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


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 Macrocyclops ater, suprapopulation dynamics, life cycle strategy, model: Ritchie Co., West Virginia

Ecology, Populations

Jobin WR

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

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, 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 parasitisation, 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 Biol 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 EE
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

Kotron UD
1980 Parasitology 81 (2) Oct 235-249 Wa

Gammardacarus 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 kanse 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
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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
caryophyllaoid 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; Wolf A
1978 J Wildlife Dis 14 (2) Apr 263-268 Wa
Paralachostrongylus 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 SE; 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 Gen Hydrobiol 64 (2) 193-206 Wa
hemirid 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 populations, 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
helmints of Taxidea taxus, intensity, Simpson's index, trellis diagram of similarity indices, female-male ratio for Ancylostoma taillaeae correlated with intensity of infection: Kansas; Texas

Ecology, Populations
Pence DB; Eason S
1980 J Parasitol 66 (1) Feb 115-120 Wa
comparison of helmint 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 crypteoleucus, 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
ixodid ticks, distribution in relation to type of vegetation: Latina province and environs of Rome

Ecology, Populations
Rodhain F
Loa loa, human and simian infections, hypothesis concerning dynamics of ecology of Loa system

Ecology, Populations
Rumiantsev EA
1975 Parazitologiia 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 GC; 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 RA
1981 J Parasitol 67 (1) Feb 77-84 Wa
Rhizophagus 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
Canallanus 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 16 (5) Apr 401-410 Wa
Bunoderus 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 GC
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
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 small hosts: Cumbria; Wales.

Ecology, Populations
Takauoka 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
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 Parazitologiia Leningrad 9 (5) Sept-Oct 398-403 Wa
fleas of Cellellus fulvus subsp., rate of occurrence, abundance index in homogeneous host colonies vs. in populations mixed with Rhipicephalus opimus, infection rate with plague agent: Kazakhstan and Central Asia.

Ecology, Populations
Udonsi JK; Nwosu ABC; Anya AO
1980 Tzsch Parasitenk 65 (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, biometrics of intermediate snail host Bulinus abyssinicus, seasonal rainfall and snail size among factors: Somali Democratic Republic.

Ecology, Populations
Upatham ES; Sukhapanth N
Opisthorchis viverrini, biometrics 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 Parasit 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.
Economic importance of parasitism
Boch J; Hennings R; Erber M
1980 Berl u Munchen Tierarztl Wchnschr 93 (21) Nov 1 420-423 W
Sarcocystis suicanus, pigs under fattening conditions, economic importance

Economic importance of parasitism
Daddow KW
1979 Austral Vet J 55 (9) Sept 433-434 W
Eperythrozoon ovis, lambs (exper.), anemia, reduced wool production and weight gains, decreased exercise tolerance

Economic importance of parasitism
Druilhe P et al
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 W
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 W
Schistosoma 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 So and Comp Med 24 121-143 W
Coccidiosis, domestic animals, economic impact, treatment, review

Economic importance of parasitism
Ilemobade AA; Balogun TF
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 W
Field application of Morantel Sustained Release Bolus orally administered to first season grazed 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 W
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
subclinical nematode parasitism, cattle, economic value and course of infection after treatment with thiabendazole, levamisole, crufomate, or coumaphos; Kansas pens or lots (from southern states)

Economic importance of parasitism
Mantovani A
1977 Parasitologia 19 (3) Dec 145-152 Wa
economic losses from parasitism, with particular reference to vectors, review: Italia

Economic importance of parasitism
Michel JF et al
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 BT
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 leukocyte 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

Economic importance of parasitism
Proll H et al
1980 Wien Tierarztl Monatschr 67 (1) Jan 14-19 W
nematodes, pigs, single and mixed infections, infection rates by breed and sex of host, influence of infection on slaughtering and fattening performance: Wien

Economic importance of parasitism
Randall KW; Gibbs RC
Ostertagia ostertagi, Cooperia oncophora, calves (exper.), effects of clinical and subclinical disease on digestion and energy metabolism, results indicate that low levels of parasitism could result in appreciable production losses in young animals under grazing conditions in Maine

Economic importance of parasitism
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1980 Parasitology 80 (3) 321-327 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
Gothe R; Burkhardt E
1979 Ztschr Parasitenk 60 (3) 221-227 Wa
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Endocytosis
Jones TC
1981 Am J Path 102 (1) Jan 127-132 Wa
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1979 Bull Zool 46 (1-2) 23-39 Wa
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Endocytosis
Steiger RF; Opperdoes FR; Bontemps J
1980 European J Biochem 105 (1) Mar 17 163-175 Wa
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Enteritis [See also Intestine]

Enteritis
Cornschan M; Oomen HAPC; Sutorius FJM
1980 Tr Roy Soc Trop Med and Hyg 75 (3) 385-388 Wa
parasitic duodenitis, human, clinical signs, radiology, parasitology, histopathology

Enteritis
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coccidia and their interaction with other pathogens, nursing piglets, enteritis, diarrhoea

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Poelvoorde J; Berghen P
1981 Research Vet Sci 31 (1) July 10-13 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

Enteritis
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

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1980 Magy Allat Lapja 102 35 (8) Aug 548-549 Wa
Ligula intestinalis, trypsin and chymotrypsin inhibiting activity demonstrated

Enzyme inhibitors
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Nippostrongylus brasiliensis, somatic extracts contain protease inhibitor(s) capable of inhibiting activity of trypsin and chymotrypsin, partial purification and characterization

Enzyme inhibitors
Juhasz S; Kassai T
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
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602-603 Wa
Ascaris suum, in vitro release of trypsin and chymotrypsin inhibitors through tegument

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Matskasi I; Nemeth I
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Ligula intestinalis plerocercoids, characterization of proteolytic and protease inhibitor activities

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Taenia pisiformis, trypsin and chymotrypsin inhibitor from metacestodes

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Hymenolepis diminuta, trypsin was adsorbed by intact worms but process of adsorption apparently did not play any role in trypsin inactivation

Enzyme inhibitors
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Hymenolepis diminuta, trypsin inactivation by intact worms, some characteristics of inactivated enzyme

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1980 Biochem J 189 (2) Aug 1 295-303 Wa
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 Sci 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)

Enzymes
Senft AW; Goldberg MW; Byram JE
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
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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
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Enzymes, Host
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Anemia in children, prevalence, causal factors including malaria, effect of hemoglobin genotype and glucose-6-phosphate dehydrogenase deficiency: Ilela, Nigeria

Enzymes, Host
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1979 Indian J Med Research 70 Oct 598-608 Wa
Kala-azar, patients, activity of lactate dehydrogenase and other serum enzymes, kinetic study: Iraq

Enzymes, Host
Areekul S et al
Plasmodium falciparum, patients with acute infection had significantly lower serum cholinesterase activity than normal persons, suggests impairment of hepatic activities

Enzymes, Host
Aureaull C et al
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Enzymes, Host
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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
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Enzymes, Host
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Enzymes, Host
Boczon K et al
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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 Wm
Trypanosoma evansi, camels (exper.), changes in serum enzyme levels

Enzymes, Host
Cha YN et al
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
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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
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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 DJ 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
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1981 J Comp Path 91 (2) Apr 219-226 Wm
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Datta DV et al
1978 Indian J Med Research 68 Sept 485-488 Wm
amoebic hepatic abscess, humans with and without jaundice, no significant alterations of bilirubin UDP-glucuronyl transferase

Enzymes, Host
Doenhoff MJ et al
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Schistosoma mansoni, immunological control of hepatotoxicity and parasite egg excretion, stage specificity and 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

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1980 Exp Parasitol 49 (2) Apr 167-174 Wm
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1977 Uzbek Biol Zhurnal (6) 31-32 Wm
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 Wm
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
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Schistosoma mansoni-infected mice, malate dehydrogenase isoenzymes of liver and plasma

Enzymes, Host
Forsyth WJ; Todd AC 1979 J Wildlife DIS 15 (1) Jan 83-89 Wa
Fascioloides magna in Odocoleus virginianus (exper.), hematoletic 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
Plasmodium berghei, comparison of dihydroorotate dehydrogenase from parasite vs. from mouse reticuloocyte, differences could provide rational basis for development of chemotherapeutic agents active against parasite

Enzymes, Host
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
Plasmodium berghei, resistance of fetal mice to congenital infections is not due to decreased levels of adenosine triphosphate in their erythrocytes

Enzymes, Host
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Relations between G-6-PD deficiency, thalassemia, and malaria: Sardinia; Po Valley

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Goldstein SM; Izaki S; Epstein WL 1979 Thromb Research 16 (5-6) 727-735 Wm
Ascaris suum, young pigs receiving diets low in carbohydrates, possible effects on host growth and development, golden hamster used as exper.

Enzymes, Host
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 bone marrow eosinophilia and phospholipase B elevations is similar to that reported for other parasite models

Enzymes, Host
Goveen 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
Gugenmoos-Holzmann I; Binslev 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 hemoglobin 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

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Gupta S; Chandra S; Saxena KC 1980 Molec and Biochem Parasitol 1 (6) Oct 357-362 Wm
Plasmodium berghei, changes in lyosomal enzymes of peritoneal exudate cells in 2 experimental hosts, increased activities in albinorats (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 Wm
Ascaris suum, young pigs receiving diets low in carbohydrates, possible effects on host growth and development, golden hamster used as exper.

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
Hars 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 MWH
1980 Research Vet Sc 28 (3) May 377-379 Wa
Fasciola hepatica, immature and mature infec-
tions stimulating resistance in rats but not
rabbits, host differences (fluke numbers fol-
lowing 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
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erythrocytes which have been treated with phy-
sostigmine (an acetylcholinesterase inhibitor)

Enzymes, Host
Hempelmann E; Wilson RJM
1980 Parasitology 80 (2) Apr 323-330 Wa
Plasmodium knowlesi, rhesus monkeys, demonstra-
tion and differentiation of electrophoretically-
ly-separated host cell and parasite acid endo-
peptidase activities with imprint-digest method

Enzymes, Host
Hempelmann E; Wilson RJM
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ogenase, 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 JM; Mohan Rao VK
1979 Indian J Exp Biol 17 (8) Aug 779-781 Wm
Hartmannella cubertsoni, mice, experimental
denomination, effect on amniontransferase
levels in brain, effect of amoebicidal drug
responses on these levels

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

Enzymes, Host
Jong EC; Mahmond AAf; Fleheonoff SJ
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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
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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
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Plasmodium falciparum, P. vivax, treatment in
glucose-6-phosphate dehydrogenase deficient
patients, with chloroquine, chloroquine and
primaquine, or sulfadoxine-pyrimethamine, he-
mosis occurred in primaquine group, chloro-
quione resistance common in P. falciparum in-
fections: 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 floxazocine with
particular reference to inhibition of ornithine
decarboxylase activity

Enzymes, Host
Koudela J; 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
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1981 Exper Parasitol 51 (3) June 430-443 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
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Hartmanella cubertsoni, meningoencephalitic
mice, lactate dehydrogenase isoenzyme profile
in brain

Enzymes, Host
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Plasmodium berghei-infected albino mice,
changes in transaminase activity in plasma and
liver

Enzymes, Host
Lemperere C; Capron M; Capron A
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S[chistosoma] mansoni, identification and mea-
surement of rat eosinophil phospholipase B,
its activity on schistosomula phospholipids

Enzymes, Host
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1980 J Fish Biol 17 (1) July 23-30 Wa
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(exper.), changes in size, glycogen content of
certain vital organs and blood lactic acid and
dehydrogenase levels

Enzymes, Host
Mahoney DF; Wright IG; Goeder BV
1980 Ztschr Parasitenk 62 (1) 39-45 Wa
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of serum complement during acute infection of
susceptible and immunized Bos taurus
(exper.), activity of alternative pathways,
effect of kinin inhibition
Enzymes, Host
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Schistosoma mansoni-infected mice, hepatic bume biosynthesis and degradation, hepatic hemoprotein content and mixed-function oxidase activities, mechanism of bume degradation, hemoprotein content of heart, serum and urinary iron levels

Enzymes, Host
Melrose TR; Walker AR; Brown GCD
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Thelileria, 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 and strains

Enzymes, Host
Mohr G; Philipp EM
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Syphacia muris, effects of infection and of fenbendazole on microsomal monoxygenase 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; Venkateswararao P
1981 J Parasitol 67 (1) Feb 31-34 Wa
Prosthogonimus sp. xiphiocercariae, effect of infection on activities of glycolytic and oxidative enzymes in Lymnaea luteola

Enzymes, Host
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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 Exp 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 Schistosa 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 Immn 29 (2) Aug 790-807 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 Wa
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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 J Parasitol 74 (2) Apr 257-258 Wa
Leishmania donovani-infected Balb/3T3-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 Sci Cl II s Sc Biol 28 (1-2) 71-74 Wa
Trichinella spiralis, lysosome activity in course of experimental infection in germfree and conventional mice treated with cyclophosphamide

Enzymes, Host
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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 carboxykinases from rat-liver and from tapeworm, comparison with respect to metal-ion activation, nucleotide specificity, kinetic parameters, and inhibition

Enzymes, Host
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1979 Tr Roy Soc Trop Med and Hyg 73 (6) 667-672 Wa
enzyme analyses of Bulinus africanus 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 31-58 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 Wm
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 egg and in surrounding medium, comparison of amount of precipitate formed with levels of liver and bile duct enzymes 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 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

Enzymes, Host
Schmidt SP; Platzer EG
1980 J Invert Path 36 (2) Sept 149-158 Wa
Romanomermis culicivorax, 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
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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 199-205 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 impaired capacity to metabolize foreign compounds

Enzymes, Host
Singh US; Mohan Rao VK
1981 Indian J Exp 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

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 development, abomasal lesions, host immunological response 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 stagnalis, 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 abomasae, correlation with selected plasma and abomasal proteins; horseradish peroxidase as tracer for vascular leakage, results imply that chief cell pepsinogen was released directly into 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
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Fasciola hepatica sheep (exper.), chronic subclinical infection, plasma concentrations of some liver enzymes, significance as diagnostic aids

Enzymes, Host
Takahashi S; Dunn MA; Siefter 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 acetyltransferase 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
Plasmidium berghei-infected mice, liver xanthine oxidase increase, possible nonspecific defense mechanism

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Ngwenya NL
1980 Parasitology 81 (1) Aug 17-26 Wa
Nippostrongylus brasiliensis- or Trichinella spiralis-infected lactating vs. nulliparous mice, depressed lysophospholipase A levels in intestine, reduced numbers of bone-marrow eosinophils, relation to worm expulsion

Eosinophils
Ogilvie BM; Askenase PW; Rose ME
1980 J Clin Invest 66 (6) Dec 1191-1199 Wa
Eosinophils; Ogilvie BM; Askenase PW; Rose ME
1980 J Clin Invest 66 (6) Dec 1191-1199 Wa
Schistosoma mansoni, mice, eosinophil-mediated destruction of schistosomula eggs within host granulomatous response

Eosinophils
Oormâzdi 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 Immum 29 (2) Aug 799-807 Wa
Angiostrongylus cantonensis, nonsensitized and sensitized rats, phospholipase A in brains and meninges after challenge, association with eosinophils

Eosinophils
Philipp J et al
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 Wa
Schistosoma mansoni, antibody-dependent eosinophil-mediated damage to schistosomula, lack of requirement for oxidative metabolism

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 microvessel chambers in vivo, correlation between degree of adherence and degree of microfilarial damage, contribution of different cell types to destruction process

Eosinophils
Ruitenbergen 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
Ruitenbergen EJ; Buys J
1980 Vet Immunol and Immunopath 90 (3) July 447-455 Wa
Ascaris suum, athymic nude (nu/nu) rats, primary and secondary infections, development of eosinophilia

Eosinophils
Salman SK; Brown PJ
1980 J Comp Path 90 (3) July 447-455 Wa
Nippostrongyulus 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
Wm
Helminthiasis. Europeans returning from tropical areas. Evaluation of hypereosinophilia as diagnostic indicator for parasitic diagnostic workup.

Eosinophils
Savage AM; Collee DG
1980 Am J trop Med and Hyg 29 (6) Nov 1268-1278
Wa
Schistosoma mansoni, eosinophils in inflammatory response to cercarial challenge of sensitized vs. chronically infected CBA/J mice.

Eosinophils
Schlieger 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
Strells AK; Baisuova ZA; Zhivotiagin VN
1979 Vrach Delo 69 (1) Jan 80-81
Wm
Opisthorchiosis, 18-year-old girl, case report, recurring eosinophilia.

Eosinophils
Sugane K; Oshima T
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
Elseophora 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
Urech 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, eosinophils proved useful in detecting lungworm infections in donkeys.

Eosinophils
Vadas MA et al
Wa
Schistosoma mansoni, unpurified peripheral blood leukocytes 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
Wa
Schistosoma mansoni, stable and irreversible antibody-dependent adherence of eosinophils to schistosomula, adherence of neutrophils is less extensive and is readily reversible.

Eosinophils
Weller PP; Ottesen EA; Goetzl EJ
1981 Clin Immunol and Immunopath 18 (1) Jan
Wm
Wuchereria bancrofti, humans, alterations in blood eosinophilia and activities of eosinophil enzymes in relation to diethylcarbamazine chemotherapy (changes in arylsulfatase A 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 sex 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
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 Symposium 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-
rence, 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
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-
gy, and integrated control

Epidemiology

Sharpilo VP
1979 Vestnik Zool Akad Nauk Ukrain SSR Inst
Zool (1), Jan-Feb 3-15 Wa
paratenic hosts in helminth life cycles, sig-
ificance 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 parasitic
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; Ejuezie GC
471-472 Wm
Tunga penetrans in school children, prevalence
by age and sex: Oto-Ijanikin village, Badagry,
Lagos State, Nigeria

Epidemiology, Arthropoda

Buckie 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) 305-306 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; Schab RÖ
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 Wm
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
Krafsur ES; Hightower BG; Leira L
1979 J Med Entom 16 (6) Dec 470-481 Wm
Cheloniomyia hominivorax, seasonal population dynamics May 1974 to Sept 1975: northern Veracruz, Mexico

Epidemiology, Arthropoda
Norval RAJ
1979 J South African Vet Ass 50 (4) Dec 289-292 Wm
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 Wm
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; Ilis L; Zitnik K
1980 Ceskoslov Epidemiol Mikrobiol Imunol 29 (1) Jan 52-59 Wm
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 B; Elkhalfane A
1980 Vet Parasitol 7 (4) Dec 347-356 Wm
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
Pediculhus 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 Wm
Pediculhus 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
Turun 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 Wm
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 BJ
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

Epidemiology, Cestoda
Dada BJ
1980 J Helminth 54 (4) Dec 293-297 Wm
Echinococcus granulosus, prevalence in stray dogs; species and prevalence of other gastrointestinal helminths recovered: Nigeria

Epidemiology, Cestoda
Dada BJ
1980 J Helminth 54 (4) Dec 299-301 Wm
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
Dade BJ;
1980 J Helminth 54 (4) Dec 303-305 Wm
Echinococcus multilocularis, epidemiology of wide-spread infestation, highest incidence in females in primary school: Rome, Italy

Epidemiology, Cestoda
Dajani YF; Khalaif FH
1981 Ann Trop Med and Parasitol 75 (2) Apr 175-179 Wm
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 ER et al 1976 Arch Invest Med 7 (3) 107-113 Wm
Taenia solium, seroepidemiological survey of human cysticercosis in predominantly indigenous rural Indian population, positive sera varied inversely with number of inhabitants in a community: estido de Chiapas

Epidemiology, Cestoda
Fuller GE; 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 AWNS 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 Wm
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 Wm
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
Larbouai D; Alloula R 1979 Tunisie Med 57 (6) Nov-Dec 318-326 Wm
Echinococcus, humans, results of 2 retrospective epidemiological surveys conducted over a 10-year period, incidence by age and sex: Algeria

Epidemiology, Cestoda
Muntinga MJ; Mael G 1981 Insect Sci and Its Applic 1 (4) 379-382 Wm
Taenia saginata, experimental feeding of proglottids 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 Wm
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 EK; Kuznetsov MI; Nikitin VF 1963 Trudy Vsesoiuz Inst Gel*mint 10 82-97 Wa
Coenurus, echinococcosis, cysticercosis, epizootiology, dogs and wild animals as source of infection: lower and middle reaches of the Volga

Epidemiology, Nematoda
Abuar A et al 1980 Acta Trop 37 (1) Mar 63-71 Wm
Wuchereria bancrofti, human, prevalence and density of microfilariae, clinical manifestations, host age, length of residence in endemic area, correlations: Tanzania

Epidemiology, Nematoda
Abolarin MO 1980 Trop and Geogr Med 33 (1) Mar 83-88 Wm
Guinea worm infection in Nigerian villagers, epidemiological survey indicates source of infection is in a cyclops-infested, man-made cattle pond near their village, pond water used for drinking and various domestic purposes: Wawa village, Kwa State, Nigeria

Epidemiology, Nematoda
Albizie EJ; Ganley JP; Buettnar DW 1981 Tropened u Parasitol 32 (1) Mar 25-28 Wm
Onchocerca volvulus, human, clinical, parasitological, and ophthalmological data, host age and sex: hyperendemic village in rain forest of Liberia

Epidemiology, Nematoda
Anderson RM et al 1978 Epidemiol and Control Gastrointest Parasites Sheep Australia 23-51 Wm
Nematodes, sheep, epidemiology, control, seasonal distribution in various rainfall zones, review: Australia

Epidemiology, Nematoda
Anderson RM 1980 Lecture Notes Biomath 39 278-322 Wm
Mathematical framework to describe dynamics of direct life cycle helminth parasites, general properties of model with attention focused on transmission threshold and unstable breakpoints, 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
Asaibhi 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 New 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 Wm
intestinal nematodes of man, distribution, prevalence and intensity by host age, effect of environmental influences, special reference to Strongyloides cf. fuellebornii: Papua New Guinea

Epidemiology, Nematoda
Ashford RW; Hall AJ; Babona D
1981 Tropenmed u Parasitol 32 (3) Sept 181-183 Wa
Onchocerca volvulus, human, relationships between microfilariae, 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 Wm
Haemonchus contortus, sheep, role of inhibited larvae in epidemiology

Epidemiology, Nematoda
Bartlett CM; Anderson RC
1980 System Parasitol 2 (1) Dec 77-102 Wm
Filaroid nematodes of crows, avian filariasis epizootiology considered

Epidemiology, Nematoda
Beck MJ; Cardina TM; Alicata JE
Angiostrongylus cantonensis, human eosinophilic meningoencephalitis, 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 Wm
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 Wm
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
Bonnefoy X; Isautier H
1978 Bull Soc Path Exot 71 (1) Jan-Feb 70-72 Wm
Helminthiasis, human, prevalence in 1972 vs. 1976, influence of sanitation, precipitation, urban vs. rural habitat, water quality: Reunion Island

Epidemiology, Nematoda
Brinkmann UK
1980 Tropenmed u Parasitol 31 (1) Mar 67-74 Wm
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 Wm
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
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 Wm
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 Wm
Gerstaeeria, Cooperia, cartlins, relationship 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 Wm
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

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 1979 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
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
Strongyloidesis, 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 RM 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
Wuchereria bancrofti, human, indirect immuno-fluorescent 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 (1) Mar 369-379 Wa
Chabertia ovina, Oesophagostomum venulosum, sheep, significance of inhibited development in epidemiology: Utrecht State University, The Netherlands

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 Wa
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
Gruener 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
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
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Epidemiology, Nematoda

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Epidemiology, Nematoda

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Epidemiology, Nematoda

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Epidemiology, Nematoda

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Epidemiology, Nematoda

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Epidemiology, Nematoda

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Epidemiology, Nematoda

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Epidemiology, Nematoda

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1979 J Egypt Pub Health Ass 54 (3) 126-137 Wm
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Epidemiology, Nematoda

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Epidemiology, Nematoda

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Epidemiology, Nematoda

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Epidemiology, Nematoda

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Epidemiology, Nematoda

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Epidemiology, Nematoda

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Epidemiology, Nematoda

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Epidemiology, Nematoda
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Epidemiology, Nematoda
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Epidemiology, Nematoda
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Epidemiology, Nematoda
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Epidemiology, Nematoda
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Epidemiology, Nematoda
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Epidemiology, Nematoda
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1981 Tr Roy Soc Trop Med and Hyg 75 (5) 721-730 Wa
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Epidemiology, Nematoda
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1980 Ann Trop Med and Parasitol 75 (2) Apr 197-203 Wa
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Epidemiology, Nematoda
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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
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1981 Research Vet Sc 30 (2) Mar 255-256 Wa
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Epidemiology, Nematoda
Pampiglione S et al
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Epidemiology, Nematoda
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Epidemiology, Nematoda
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Epidemiology, Nematoda
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Epidemiology, Nematoda
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Epidemiology, Nematoda
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1980 Tropenmed u Parasitol 31 (2) June 165-180 Wa
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Epidemiology, Nematoda
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Epidemiology, Nematoda  
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Epidemiology, Nematoda  
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Epidemiology, Nematoda  
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Epidemiology, Nematoda  
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Epidemiology, Nematoda  
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Epidemiology, Nematoda  
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1980 Am J Trop Med and Hyg 29 (5 pt 1) Sept 803-808 Wm  
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Epidemiology, Nematoda  
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1980 Indian J Med Research 71 May 712-720 Wm  
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Epidemiology, Nematoda  
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Epidemiology, Nematoda  
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Epidemiology, Nematoda  
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Epidemiology, Nematoda  
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Epidemiology, Nematoda  
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Epidemiology, Nematoda  
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Epidemiology, Nematoda  
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1980 Tropenmed u Parasitol 31 (1) Mar 87-93 Wm  
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Epidemiology, Nematoda  
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Epidemiology, Nematoda  
Thurston DR; Strout RG  
1978 J Wildlife Dis 14 (1) Jan 89-96 Wm  
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Epidemiology, Nematoda

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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 filariosis in Polynesian region of South Pacific, possibility of using these mosquito species as intermediate hosts for laboratory models of Brugian filariosis

Epidemiology, Nematoda

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metastrongylosis, pigs, seasonal distribution, role of Eisenia fetida in epizootiology: Kiev oblast

Epidemiology, Nematoda


filarisis, human, review with some new findings, Wuchereria bancrofti is endemic, Mansonella ozzardi is probably also endemic, onchocerciasis has been reported: Dominican Republic

Epidemiology, Nematoda

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Trichostrongylus spp., arrested development in grazing sheep, seasonal changes in relative abundance of T. colubriformis and T. vitrinus: Canberra, Australia

Epidemiology, Nematoda

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Trichostrongylus axei, intestinal Trichostrongyulus spp., 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


Wuchereria bancrofti, human, prevalence of microfilaraemia and clinical manifestations by age, survey methodology: Tanzania

Epidemiology, Nematoda

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Epidemiology, Nematoda


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Epidemiology, Nematoda


Toxocara ova in soil and antibodies in human serum, public health implications: Sudan

Epidemiology, Nematoda

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Onchocerca volvulus, humans, suburban focus, antibody distribution 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

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Toxoplasma gondii in Meriones crassus, potential source of human (Bedouin) infection: Kuwait

Epidemiology, Protozoa

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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


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Epidemiology, Protozoa

Anderson JB; 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
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Epidemiology, Protozoa
Apt B, W
1980 Rev Med Chile 108 (3) Mar 203-209 Wm
Chagas disease, epidemiologic and electrocardiographic survey of individuals of 7 villages for evidence of cardiomopathy, comparisons by age and sex; concurrent survey for toxoplasma infections: Elqui Valley, northern Chile

Epidemiology, Protozoa
Arribada A et al
1979 Rev Med Chile 107 (1) Jan 9-15 Wm
Chagas disease, epidemiologic and electrocardiographic survey (including age and sex), clinical and electrocardiographic findings: Limari Valley, Chile

Epidemiology, Protozoa
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1980 Insect Sci and Its Appl 1 (1) 85-93 Wa
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Epidemiology, Protozoa
Barrett TV et al
1979 Tr Roy Soc Trop Med and Hyg 73 (6) 703-709 Wm
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Epidemiology, Protozoa
Barrett TV et al
1980 Tr Roy Soc Trop Med and Hyg 74 (1) 84-90 Wm
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 Wm
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 Wm
Toxoplasma gondii, human, antibody prevalence in relation to host sex, age, and nationality: Kuwait

Epidemiology, Protozoa
Bentata-Pessaye M et al
1978 Bull Soc Path Exot 71 (6) Nov-Dec 417-423 Wm
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 Wm
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
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Epidemiology, Protozoa
Bold R et al
1981 Trop Animal Health and Prod 13 (3) Aug 141-146 Wm
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 Wm
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 Wm
Entamoeba histolytica in 9 populations, seroepidemiology, 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 Wm
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
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
Dubey JP et al
Wa
toxoplasmosis in dairy goats, association with abortion, epidemiologic investigation, isolation from does, placentas, fetuses, kids, cats, and chickens: Montana

Epidemiology, Protozoa
Dubey JP et al
Wa
toxoplasma gondii, in dairy goats, association with abortion, epidemiologic investigation, isolation from isolates from Felis domesticus and Mus musculus compared in experi. mice with isolate from a person infected during outbreak of toxoplasmosis affecting 37 patrons of a riding stable, epidemiologic implications: Atlanta, Georgia

Epidemiology, Protozoa
Duboy et al
1981 Med Trop 41 (2) Mar-Apr 129-134
Wa
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 Lecture Notes on Trop Medicine and Hygiene 287-292
Wa
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
Descamps M et al
1980 Bull Soc Path Exot 73 (2) Feb-Mar 211-220
Wa
Evolution of Trypanosoma cruzi in the Dry Season in Brazil and its impact on its vector population: Anopheles darlingi, importance of domestic vectors (dogs) and wild animal (marmoset, guinea pig, opossum and raccoon)

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 Wal HA; de Waal FC
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Wa
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Epidemiology, Protozoa
Dietz K
1980 Lecture Notes on Trop Medicine and Hygiene 39 264-277
Wa
models for vector-borne parasitic diseases (malaria, schistosomiasis, onchocerciasis), symposium presentation

Epidemiology, Protozoa
Dixon KE; Roberts DR; Llewellyn CH
Wa
malaria, humans, epidemiological and vector survey along the Transamazon highway, Brazil

Epidemiology, Protozoa
Djibrilla Kaus B et al
1979 Bull Soc Path Exot 72 (5-6) Sept-Dec 442-450
Wa
leishmaniasis, human cutaneous infections, epidemiologic aspects (age, sex, seasonal distribution, localization of lesions): Nord Cameroun

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
Chabasse D; et al
1978 Arch Med Ost 10 (8) Oct 697-705
Wa
toxoplasmosis, epidemiological survey, humans and domestic animals, indirect hemagglutination test: Maine-et-Loire

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
Christensen HA; de Vasquez AM
1981 Am Trop Med 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
Cookie RA; Shannon J
Wa
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 Bacteriol 138 (1) 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
Chabasse D; et al
1978 Arch Med Ouest 10 (8) Oct 697-705
Wa
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Epidemiology, Protozoa
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Epidemiology, Protozoa
Chapin G; Wasserstrom R
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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
Chabasse D; et al
1978 Arch Med Ouest 10 (8) Oct 697-705
Wa
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Epidemiology, Protozoa
Challier A; Gouteux JP
1980 Insect Sci 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
Darlow HB; etc
1979 Bull Soc Path Exot 72 (3) May-June 245-253
Wa
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Epidemiology, Protozoa
Dedet JP et al
1979 Bull Soc Path Exot 72 (5-6) Sept-Dec 451-461
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Epidemiology, Protozoa
Dedet JP et al
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**Epizootiology**
See Epidemiology

**Erythrocytes**
[See also Blood]

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Plasmodium knowlesi, metabolic labelling of parasite-specific glycoproteins in membranes of parasitized rhesus monkey erythrocytes

Erythrocytes
Tims 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 and related metabolic activity also for uninfected mice with induced reticulocytosis

Erythrocytes
Wallach DFH; Mikkel森 RB; Schmidt-Ullrich R
1981 Ciba Foundation Symp (80) 220-233 Wm
Plasmodial modifications of erythrocyte surfaces, reviews: changes in host cell surfaces and vascular sequestration; changes in host cell membrane protein; 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 Ethio 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
Almeida J; Patja L; Bennett K
1980 Bull World Health Organ 59 (3) 407-412 Wa
Entamoeba histolytica in 9 populations, seroepidemiology, enzyme-linked immunosorbent assay, precipitin tests, age distribution: Suriname, South America

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
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
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Entamoeba histolytica in 9 populations, seroepidemiology, enzyme-linked immunosorbent assay, precipitin tests, age distribution: Suriname, South America

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
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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; Benzer K
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[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
Wa
Intestinal parasites in Indochinese immigrants, Cambodians and Lao, higher rate of multiple parasites than Vietnamese, Giardia lamblia was more prevalent in children: clinics in San Diego, California

Killion LI; Desowitz RS; Wiebenga NH
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 LI; Desowitz RS; Wiebenga NH
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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

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1979 Bull Soc Path Exot 72 (2) Mar-Apr 148-152
Wa
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Ethnic groups and racial stocks

Mathews HM; Armstrong JC
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 prevalence of 3 other Plasmodium spp.: Ethiopia

Ethnic groups and racial stocks

Murray MJ; Murray AB; Murray NJ
Wa
Ecolological 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 J5
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
Wa
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

Pillay SP et al
1981 Dis Colon and Rectum 24 (2) Mar-Apr 107-113
Wa
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

Sole TD; Croll NA
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

Sinniah B; Sinniah D; Rajeswari В
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

Brooks DR
1980 System Zool 29 (2) June 192-203
Wa
Digeneans of crocodilians, phylogenetic, genealogical, and biogeographical relationships, coevolutionary implications, symposium presentation

Evolution

Bamforth SS
1981 J Protozool 28 (1) Feb 2-9
Wa

Evolution

Brooks DR
1979 Am Zool 19 (4) 1225-1238
Wa
Allopatric speciation and noninteractive parasite community structure (where site specifi-
ty is independent of presence or absence of other parasites)

Evolution

Brooks DR
1980 System Zool 29 (2) June 214-215
Wa
Evolution
Brooks DR
1981 System Zool 30 (2) June 203-207 Wa

Evolution
Brooks DR
1981 System Zool 30 (3) Sept 229-249 Wa
Hennig's parasitological method, proposed solution and implications for studies in coevolution

Evolution
Brugerolle G et al
1980 Ztschr Parasitenk 62 (1) 47-61 Wa
Diplomonadida, taxonomic propositions and possible 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
metamerie segmentation in cestodes and several other animal groups, nature and origin, comparative review

Evolution
Conway Morris S
1981 Parasitology 82 (3) June 489-509 Wa
parasites and the fossil record, review and discussion

Evolution
Cutler R
1980 Experientia 36 (8) Aug 15 953 Wa
arthropod cuticle, synapomorphy 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, seasonal separation themselves 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
Desse S
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
relationships between North American turtles of the Chrysemys complex as indicated by their endoparasitic helminths

Evolution
Euzet L; Swiderski Z; Nakhter-Masmouri F
1981 Ann Parasitol 56 (3) 247-259 Wa
cestodes, spermatogenesis, comparative ultrastructure, evolutionary implications

Evolution
Fain A; Lukoschus FS
1976 Acta Zool et Path Antverpiensia (66) Dec 121-188 Wa
Myiobidae of Insectivora, geographic distribution, host specificity, and phylogeny

Evolution
Fain A; Lukoschus FS
1977 Acta Zool et Path Antverpiensia (69) Dec 11-97 Wa
Myiobidae of rodents, host-parasite specificity and parallel evolution

Evolution
Garnham PCC; Kuttler KL
Plasmodium odocoieli sp. nov. from splenectomized Odocoleus virginianus (blood) (nat. and exper.); phylogeny of P. odocoieli and other malaria parasites of ungulates: Tyler County, east Texas, U.S.A.

Evolution
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1980 Internat J Parasitol 10 (5-6) Nov-Dec 397-407 Wa
Clarithracis castostomi, 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 morphology, C-heterochromatin; possible mechanisms of chromosomal dimorphism in M. temperatus and its significance in evolution of sex-chromosome differentiation in trematodes

Evolution
Gusev AV
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)
Subject headings

Evolution Haub F
1980 Ann Entom Soc Am 73 (1) Jan 15 3-6 Wa

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

Evolution Hugo tJP
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, Pheronermis 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
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 phylogensis 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, CHI Keys Nematode Parasites Vertebrates (7).], symposium presentation

Evolution LoVerde PT; Fredericksen DW
Cotylogaster occidentalis, chromosome number (2n = 12) and morphology, meiotic chromosomes observed for Cotylaspidis insignis (haploid number = 11, 2n = 22); phylogenetic implications of chromosome numbers in the Aspidogastrea

Evolution Mackiewicz JS; Ehrenpris M8

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 1 4911-4917 Wa
Crithidia fasciculata, nucleotide sequence of cytosol 5S ribosomal RNA, evolutionary implications

Evolution Mendez E
1977 Quest Entom 15 (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 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
Harpyrhynchidae, 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 specialization based on study of microfilarial periodicity as function of microfilarial density, relationships, 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 platyhelmints

Evolution
Schen C; Novak M; Evans WS
1981 Parasitology 83 (1) Aug 77-90 Wa
Hymenolepis citelli in Tribolium castaneum, 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
Sharplilo VP
1979 Vestnik Zool Akad Nauk Ukraink SSR Inst Zool (1), Jan-Feb 5-13 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 NJ; Owuliri 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 IU; Raikhel AS
1975 Parazitologiia Leningrad 9 (3) May-June
252-259 Wa
Hyalomma asiaticum, excretory system of unfed females, electron microscopy

Excretory system, Parasite
Jones BR
1980 TRCS 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 platyhelmints

Excretory system, Parasite
Tang Z et al
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
Tennocephala 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

Aouchiche M; Hartani D 1980 J Franc Ophtal 3 (8-9) 457-461 Wm Echinococcosis, human orbital hydatid cysts, pathological aspects, diagnosis, surgical management

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

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

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


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. castellani, 36-year-old man, severe keratitis, case report; another case reported briefly in Addendum: The Netherlands

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

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

Crane TB; Christensen CR 1981 Ann Ophth Chicago 13 (3) Mar 345-348 Wa Toxocara canis, 10-year-old male, presumed subretinal granulomatous inflammation with visual recovery, serological diagnosis confirmed but testing suggested the possibility of toxoplasmosis occurring as a concurrent infection, clinical review: rural Iowa

Dar MS et al 1980 Tr Roy Soc Trop Med and Hyg 74 (3) 303-306 Wm Oestrus ovis, human ophthalmomyiasis, incidence, seasonal variation, host age and sex distribution, typical case history: Benghazi area, Eastern Libya

Francois J 1981 J Franc Ophtal 4 (2) 157-165 Wm Toxoplasmosis, human congenital infections, delayed pathologic developments in eye, differential diagnosis

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

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


Key SN III et al 1980 Arch Ophth Chicago 98 (3) Mar 475-479 Wa Acanthamoeba castellani, 27-year-old man with keratitis, clinico-pathologic case report, organism identified by immunofluorescent staining of material from necrotic cornea of enucleated eye
Eye
Lagracelet J
Wm
onchocercosis, humans, presence of microfi-
lariae in anterior chamber of eye, relation-
ship to severity of ocular lesions

Eye
Lagracelet J
1978 Bull Soc Path Exot 71 (4-5) July-Oct 347-
349 Wm
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 trivi-
gratus, clinical manifestations with empha-
sis on eye infections, various diagnostic
tests, evaluation of systemic and intraocular
responses with various laboratory and serolo-
gical tests including the ELISA test, litera-
ure review

Eye
Maertens K
Wm
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 Wm
Toxoplasma gondii, patients with peripapillary
lesions secondary to toxoplasmosis, visual
field defects corresponding to interruption of
nerve fiber layer of retina

Eye
Mesaric B; Panian Z
Wm
parasitic orbital edema, significance of
immuno-diagnosis; fascioliasis, child, case
report, diagnosed by skin test and gel dif-
fusion

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 con-
genital infection using fluorescent antibody
test, probable role in etiology of blindness: Egypt

Eye
Rebbu WC et al
Wm
Habronema larvae as cause of blepharoconjunc-
itis in horses, case reports

Eye
Rockey JH et al
1981 Arch Ophth Chicago 99 (10) Oct 1831-1840
Wm
Toxocara canis, Ascaris suum, passively sensi-
tized guinea pigs and animals infected intra-
vitreally with ascarrid 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
Wm
ocular onchocerciasis, human, prevalence,
host age and sex, severity of disease, inci-
dence 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
Stilmas JS
1981 Doc Ophth 50 (2) Mar 20 327-335 Wm
onchocerciasis associated with glaucoma hu-
man, ophthalo-pathological aspects of the
limbus and Tenon's capsule: Ghana

Eye
Thylefors B; Duppenthaler JL
1977 Bull World Health Organ 57 (6) 963-969 Wm
onchocerciasis, human eye infections, epidemi-
ology of intraocular pressure in persons living
in endemic areas of West Africa

Eye
Thylefors B; Rolland A
Wm
Onchocerca volvulus-endemic village, evaluation
of 13-year blackfly control program, ophthal-
mo-logical examinations: Farako (region de
Sikasso, Republique du Mali)

Eye
Thylefors B; Tjønnum AM
1980 Bull World Health Organ 58 (1) 107-112 Wm
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
Torrroella 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 Wm
Toxoplasma gondii, patients with central nerv-
ous system infections who were on immunosup-
pressive therapy, oculomotor nerve palsy and
visual loss caused by cerebral involvement,
case reports, clinical aspects

Eye
Wyler DJ; Blackman MJ; Lunde MN
Wm
Toxoplasma gondii, patients with toxoplasmal
retinochoroiditis vs. seropositive and sero-
negative controls, antibody titers, in vitro
lymphoproliferative responses to toxoplasmal
and retinal antigens, observations raise possi-
bility of autoimmune component in pathogenesis
of relapses in toxoplasmal retinochoroiditis
SUBJECT HEADINGS

Fats See Lipids
Fatty acids See Lipids

Feeding
Andrews RH; Bull CM
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
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
Bogilsh BJ
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 arboraeus, ultrastructure of granule secretion in salivary glands during feeding

Feeding
Dickinson RG et al
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 glands, 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 Appl 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
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
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Fine structure See Morphology

Fixation See Technique, Specimen preparation and preservation

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phyton mentagrophytes infection

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invasion

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and nematode cuticles, scanning and transmission
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laris (posterior hindgut); extensive bacterial
flora present: Georgian Bay, Ontario
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esis: Florida; Georgia

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Gametogenesis
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Dec 1 special no 449-457 Wa
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y. epidemiology. clinical signs. diagnosis, control.
chemotherapy, review

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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 sus-
ceptibility and refractoriness of Anopheles
gambiae to infection

Genetics, Host
Bernstein SC et al
1980 Human Hered 30 (4) 251-258 Wa
Plasmodium falciparum, human, malaria appears
to be selective pressure keeping hemoglobin S
frequencies high but may not be major selec-
tive force maintaining glucose-6-phosphate de-
hydrogenase 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
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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

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Bienzle U; Gugenmoos-Holzmann I
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malaria, significance of hereditary red cell traits HbS and G6PD-deficiency in innate resistance

Genetics, Host
Bienzle U; Gugenmoos-Holzmann I; Luzzatto L
1981 Internat J Epidemiol 10 (1) Mar 9-15 Wm
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Blackwell J; Freeman J; Bradley D
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Leishmania donovani, mice, influence of H-2 complex on acquired resistance

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Bloom BR; Tanowitz H; Wittner M
1979 Immunol u Infektp 7 (6) Dec 196-201 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)

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Brindley PJ; Dobson C
1980 Parasitology 83 (1) Aug 51-65 Wm
Nematospioideos 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 Parasitologia 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
primquine, 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
Plasmodium falciparum, humans, congenital and genetic factors of resistance to infection in tropical areas, general review: Africa

Genetics, Host
Chiu JK et al
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

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Class FJH; 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 1-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

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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
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

Gorczynski RM et al 1981 Cellular Immunol 60 (2) May 15 367-375 Wa Leishmanias 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
Gorczynski RM et al 1981 Proc Nat Acad Sci (U.S.A.) 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
Gross WG; Colley DG 1980 Parasitology 77 (3) Sept 337-342 Wa resistance to infectious diseases including Eimeria necatrix and Ornithomyssus sylvilium in 3 pairs of genetically selected lines of chickens

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Genetics, Host
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Fletcher KA et al 1981 Bull World Health Organ 59 (3) 407-412 Wa Schistosoma mansoni, course of infection studied in various inbred strains of mice (according to degree of portal hypertension, granulomas 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
Georgy AF; Rothwell TLW 1981 Parasitology 82 (2) Apr 281-286 Wa Trichostongylus 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 xeroderm pigmentosum phenotype in Japan and Egypt to possible associated resistance to schistosomiasis

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
Leishmania tropica, nature and significance of specific suppression of cell-mediated immunity in highly susceptible mice

Genetics, Host
Howard JG; Hale C; Liew FY
Leishmania tropica, genetically-determined susceptibility to infection is expressed by haematopoietic donor cells in mouse radiation chimaeras

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Howard JG; Hale C; Liew FY
Leishmania tropica, prophylactic effect of sublethal irradiation as result of abrogation of suppressor T cell generation in genetically susceptible BALB/c mice

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Jayasekera N et al
1980 Tropenned 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

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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 immunologic 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

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Jokipiili L; Jokipiili 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
Observe 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

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Khoo KK
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

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Kidson C
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
Lindley 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

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Macario AJL; Stahl W; Miller R
1980 Cellular Immunol 56 (1) Nov 235-239 Wa
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
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 Sci and Its Appl ic 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
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

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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 Molecular Biol 26 (1) 85-88 Wa
Biomphalaria alexandrina and Bulinus truncatus (intermediate hosts of Schistosoma mansoni and S. haematobium respectively), Lymnaea truncatula (non-susceptible to Schistosoma infection), isolation and base composition of RNA

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Nagel IL 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

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Niederkorn JY; Shadduck 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
mice, control of natural resistance to Salmo nella 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: Nauke, Cook Islands group

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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
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1981 Z 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
Nematostephanus 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 TC et al
1979 J Infect Dis 139 (1) May 39-41 Wa
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
Ruitenberg 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 leukocytes, and eosinophils

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

Genetics, Host
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Plasmodium falciparum, red cells containing hemoglobin E do not inhibit malaria parasite development in vitro
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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)

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1975 Parazitologiia Leningrad 9 (5) Sept-Oct 443-448 Wm
toxoplasms, susceptibility of various strains of mice to virulent and little-virulent strains, host genetic peculiarities

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Schom CJ; Novak MJ; Evans WS
1981 Parasitology 83 (1) Aug 77-90 Wm
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 Wm
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

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1980 Exper Parasitol 50 (3) Dec 437-446 Wm
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

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Strong 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 Wm
dirofilaria immitis, genetic basis of susceptibility to infection in Aedes aegypti

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Tabel H; Losos CJ; Maxie MG
1981 Tropenmed u Parasitol 32 (2) June 99-100 Wm
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 Wm
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 E; Sulaiman I; Matthews HA
1981 Tr Roy Soc Trop Med and Hyg 75 (1) 175-176 Wm
dirofilaria immitis, D. repensa, Brugia pahangi, genetio aspects of susceptibility of Aedes aegypti to infection

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Trpis M; Dubrkoop RE; Parker KL
1981 Science (4489) 211 Mar 27 1435-1437 Wm
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

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Tzonova M et al
1980 Bull World Health Organ 58 (4) 659-662 Wm
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 Wm
parasite immunity and the major histocompatibility complex, review

Genetics, Host
Wakelin D
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brugia 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 Wm
brugia spiralis, course of infection in 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 Wm
brugia spiralis, adaptive 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 JP; Shearer AM; Ravitch WM
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
Windon RG; Dineen JK
1981 Internat J Parasitology 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
Windon RG; Dineen JK; Kelly JD
1981 Internat J Parasitology 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
Trypanosoma brucei brucei, development of new serotype, 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 Parasitology 67 (3) June 452-454 Wa
Paragonimus miyazakii, electrophoretic demonstration of genetic polymorphism of glucosephosphate isomerase in natural populations

Genetics, Parasite
Bloom BR; Tanowitz Hg Wittner M
1979 Immun Mech and Dis 69-100 Wm; Wa
Mechanisms for escape of immune surveillance by parasites, review (old-time genetic engineering; antigen 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
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1980 Am J Trop Med and Hyg 29 (5 pt 2) Sept 1033-1036 Wa
Trypanosomes, genes for variant antigens, review

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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

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Castro C; Hernandez R; Castaneda M
1981 Molec and Biochem Parasitol 3 (2) June 117-131 Wa
Trypanosoma cruzi, ribosomal RNA, internal break in large-molecular-mass species, number of genes

Genetics, Parasite
Charlot 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

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De Jong JW; Lobbes PV; Bolland HR
1981 Genetics 55 (3) June 12 187-190 Wa
Hypoaopis aculeifer, Cosmolaelaps miles, karyotypes, sex determination, arrenotokous parthenogenesis underlies haplo-diploidy in these species

Genetics, Parasite
Drozdz J
1979 Wiadom Parazytol 25 (2) 171-183 Wa
Nematodes, genetic isolation as a criterion defining species

Genetics, Parasite
Dzbenkis TM
1979 Wiadom Parazytol 25 (2) 207-220 Wa
Protozoa, genetic aspects of antigenic variation
Genetics, Parasite
Fletcher M; LoVerde PT; Woodruff DS
Wa
Schistosoma mansoni, populations from Africa, Southwest Asia, South America, and West Indies, genetic variability in enzyme polymorphisms (electrophoresis on starch gels), geographic and sexual differences

Genetics, Parasite
Herlich H; Row RS; Colglazier ML
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

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Hoeijmakers JH 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 (2571) 284 Mar 6 78-80 Wa
Trypanosoma brucei, novel expression-linked copies of genes for variant surface antigens

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1981 Plasmid 5 (3) May 329-350 Wa
Trypanosoma brucei brucei, transcription of kinetoplast DNA in bloodstream and culture forms

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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 meleagritis field isolate, turkeys, experimental development of monensin resistance, degree of cross-resistance to lasalocid and narasin, suggestion of reduced pathogenicity of selected strain

Genetics, Parasite
Khalil GM; Abu BM
1979 J Med Entom 16 (4) Nov 7 339-342 Wa
Argas arboresus, 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 arboresus, A. robustus, experimental cross-breeding, results suggest both genetic and cytoplasmic incompatibility between the 2 species

Genetics, Parasite
Knowles G; Sanderson AJ; 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

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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
Haemonchus contortus from Louisiada, 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

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1980 Genetics 95 (4) Aug 905-928 Wa
Caenorhabditis elegans, genetics of levamisole resistance

Genetics, Parasite
Lourens JHM
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Rhipicephalus appendiculatus, genetics of organochlorine resistance in 3 East African strains (Entebbe, Katoma, Kericho)

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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

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Chinery WA
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secretion

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organization, detailed fine structure

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endocrine system and amounts of secretory
substances during feeding

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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-
sation)

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non-enzymatic and enzymatic histochemistry,
physiological implications

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ture

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role of various structures and enzymes during
feeding

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Gregory MW; Nolan A
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cosal mast cell populations in small intestine
(excluding lymphoid areas), globole leucocyte
and mucosal mast cell populations in mucosa
overlying Peyer's patches and in adjacent areas
of same section, T distribution of globole
leucocytes in mucosa of sections which showed
large numbers of these cells

Globole leukocytes
Knight RA
1980 J Parasitol 66 (5) Oct 848-865 Wa
Pasoila hepatica, sheep infected singly and
repeatedly, globole leucocytes in various
tissues

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kinetics of mast cells and globole leucocytes
at small intestinal sites and in heterotopical-
ly transplanted isografts of intestine

Globole leukocytes
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1980 Internat Arch Allergy and Applied Immunol
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cally selected for high and low antibody pro-
duction, specific antibody response, histo-
 pathological changes in small intestine with
emphasis on macrophages, intestinal mast cells,
globole leucocytes, and eosinophils
Globule leukocytes
Ruitenberge RJ; Elgersma A
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 eosinophils)

Globulin(s) See Immunoglobulins; Proteins

Glycogen See Carbohydrates

Glycolysis See Carbohydrates; Metabolism

Glycoproteins, Host
Howard RJ; Smith PM; Mitchell GF
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Plasmodium berghei-infected intact or hypothy- mic BALB/c mice, characterization of surface proteins and glycoproteins on red blood cells; considerations in radioisotope labelling

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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

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Despommier DD; Laccetti A
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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

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1981 Biochem Parasites (Slutzky) 47-65 Wa
Leishmania braziliensis, cell surface properties, differences between amastigotes and promastigotes and between pathogenic and non-pathogenic strains; 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

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Trypanosoma brucei, glycopeptides from variant surface glycoproteins, amino acid and sugar composition and partial amino acid sequence, C-terminal location of antigenically cross-reacting carbohydrate moieties

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Trypanosoma rhodesiense, use of monoclonal antibodies to probe molecular basis for charge heterogeneity in variant-specific surface coat glycoprotein

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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

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Crithidia fasciculata, pathway of protein glycosylation

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Fasciola hepatica, beef cattle, three levels of infection, effect on growth: New South Wales

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Mobiliformis 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

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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

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Hawaii See United States, Hawaii

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tions, abnormal atrioventricular nodal re-
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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 re-
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treatment, responsiveness of parasite to melar-
soprol in spite of repeated relapses, shift in
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presentation

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function during infection and after treatment

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effects of ouabain on isolated rat atria, data
suggest participation of adrenergic mecha-
nisms, results may explain 'toxic' effects
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correlation with parasitemia and pathology

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system

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Helmints, Parasites of
See Hyperparasitism

Hemagglutination
See Immunity, Agglutination

Hematocrit
See Anemia; Blood

Hematuria
See Urine and urinary tract

Hemocytes
[See also Hemolymph]

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activity, and number of amoebocytes in hemo-
lymph

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and parasite encapsulation in implanted flat
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philaria glabrata in conjunction with hemocytes
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of resistant Biomphalaria glabrata are cyto-
toxic for sporocysts in vitro
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1980 J Invert Path 35 (2) Mar 217-218 Wa
Schistosoma mansoni-infected Biophalalaria glutabara, differential leukocytic response of hemocytes (significant increase of granulocytes, constant level of hyalinocytes)

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1981 Develop and Comp Immunol 5 (2) Spring 229-240 Wa
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Hemoglobin
[See also Anemia; Blood]

Hemoglobin, Host
Afonso AM; Santoro MM; Neves AGA
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Hemoglobin, Host
Akinkugbe FM
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Hemoglobin, Host
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Bernstein SC et al
1980 Human Hered 30 (4) 251-258 Wm
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1981 Ann Genet 24 (2) 100-104 Wa
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cluding those with hookworm: rural area near
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toglobin types (exper.), phenothiazine treatment
shortly after patenty, faecal egg output, hae-
moglobulin levels, actual and in combination with
restared 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
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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-
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infections, possible mechanisms discussed

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supplementation (alone and in combination with
anthelminthic treatment) on hemoglobin levels;
Kafir-Hifna, Egypt

Hemoglobin, Host
Ishihara K et al
dirofilariasis, dogs with hemoglobinuria vs. 
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[See also Morphology]

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[See also Biochemistry; Glands; Metabolism; Pheromones]

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Hormones

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Sluieters JF
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naeas stagnalis (exper.), effects of infection on host reproductive system

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Ancylostoma caninum, Rattus norvegicus (exper.) simultaneously treated with prednisolone tri-
methylacetate and infected with parasite larvae, host natural resistance apparently not affected by hormone therapy as no adult para-
sites were found at necropsy

Host finding
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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

Host-parasite relationships

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tionship, reactions which occur at host-para-
site interface, review

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immunology of digestive parasitoses, recent advances, aspects of immunological mechanisms controlling host-parasite relationships

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ticks of mammals; abundance, seasonality, geo-
graphic distribution, host-tick and tick-tick interactions of Ixodes dammini and Dermacentor variabilis; relationship between I. dammini and public health: south-central Connecticut, USA

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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 host; results can be interpreted to suggest competition for dietary fructose be-
tween parasite and host

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1979 Austral J Ecol 4 (4) Dec 345-360 Wa
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tion, parasite-host interactions, review

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1977 Acta Trop 34 (2) June 127-140 Wa
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immunological aspects of phylogeny of host-
parasite relationships, review

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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 re-

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liculus (ear pinna) wild-caught from 2 locali-
ties, feeding behavior, cell intake, and neo-
somy, histological examination of sequential serial sections, comparison with findings from Mus musculus
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crease in parasite-host systems, mathematical
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review with emphasis on haemocoelic infections,
relevance and importance of trypanosome infec-
tion rates in Glossina, virus-like rods in
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tions

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toid cells, fine structural relationships be-
tween macroschizonts and developing lympho-
blasts, host cell mitosis

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fase, review

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aths, morphological (gigantism) and behavioral
(vertical migration to better-lit habitat) mod-
ifications, 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

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side macrophages from normal or chronically
infected resistant and susceptible strains of
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tion, implies that 'aggregating mechanism'
operates in T. cruzi:macrophage interaction

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of (host cell and parasite) mutants to study
biochemistry of host-parasite relationship,
review

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ior, analysis with respect to (1) dispersal of
parasite propagules to new hosts, (2) modifi-
cation of host's energy budget to provide
energy for parasite's growth and maturation,
and (3) keeping the host alive until the para-
site has completed its life cycle, phenomenon
of host 'suicide' and its possible role in
evolution of complex life cycles

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localization of adult worms within arteries and
their eggs within tissues as basis for dividing
hosts into normal and abnormal hosts

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Host perception by parasites [See also Attract-
ants; Taxis]

Host perception by parasites
Bartoli P
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cal factors favoring parasite recruitment by
Nereis diversicolor (parasite endemiotope, cer-

carial emergence, cerarial behavior (swimming,
phototropism, rheotropism), cerarial access to
and penetration of host, localization of meta-
cercariae in host)

Host perception by parasites
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influence of host- and parasite-related fac-
tors and environmental conditions, review with
special reference to Fasciola and Schistosoma

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radioisotope tracer for assaying miracidial
host-finding capacity

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against predation by various aquatic organisms

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chemical environmental conditions on egg hatch-
ability; micarial host-finding capacity and
level of parasitisation in Biomphalaria gla-
brata, susceptibility of different snails to
infection, cerarial and metacercarial infect-

civity in relation to some first and second
intermediate host-related factors, cerarial
sheding, metacercarial longevity
Host perception by parasites
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thermal gradients, thermoregulation could contrib-
ute to host-finding and penetration.

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miracidium.

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cept that ammonia plays role in directing host-
seeking or other behaviors.

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and without chemical stimulation in light and
in darkness, light and gravity responses in
relation to larval age and their role in host
location.

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Keshavar-Zalacir M; Wollen FM; Maynard G
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cidial species, miracidial behavior was klinon-
kinetic rather than chemotactic.

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infected 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
cystment may be unlikely to contribute much
to population control of these snails in nature.

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nymphal mites, ability of adult mites to re-
colonize hosts: North Carolina; South Carolina

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accumulations on chemical and bacterial
gradients, results may help understand
infection processes and provide tools for
enhancing spread of nematode to targeted pest
insects.

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epithelial muscles in turning behavior of
stimulated miracidia.

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miracidial host-finding, review.

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Ornithodorus concanensis nymphs, host-locating
behavior, effect of various stimuli (carbon
dioxide, host odor and heat, tick odor, con-
tact, gravity, light).

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Yoshida T
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 C02 in air, theory for
host perception.

Host resistance See Resistance, Host
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Host, Transport See Vectors, Mechanical

Humidity [See also Climate and weather; Desi-
cation; Water]

Humidity
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 forma-
tion of post-parasitic larval stages: abattoir of
Bareilly, India

Humidity
Arlian LG et al
Paeropotes cuniculi, off-host survival times for
male and female mites as function of ambient
temperature and relative humidity conditions,
imlications for control of transmission

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Bergler KG; Erber M; Bouch J
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coccidia, survival of sporocysts and oocysts
under artificial and natural climatic condi-
tions.
Humidity
Cook IM; Spain AV
1981 Austral J Zool 29 (1) 7-14 Wa
Haematobia irritans exigus, 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
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1972 Acarologia 13 (3) May 496-501 Issued Apr 28 Wa
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Ornithonyssus sylvianum, 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
Acarurus caryeri, viability of excysted sporozoites in vitro, subsequent infectivity to calves

Humidity
Haq N; Reisen WK; Aalamhkan M
1981 J Med Entom 18 (2) Sept 28 95-103 Wa
Cochliomyia hominivorax, capture in modified time-interval electrocutter grid trap, correlation with temperature and humidity, variation in diurnal pattern and capture rates, comparison with C. macellari

Humidity
Heath ACG
1981 Internat J Parasitol 11 (2) Apr 169-175 Wa
Haemaphysalis longicornis, Isodes holoclycus, 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 Wochenr 93 (14) July 15 267-270 Wa
Sarcopsylla bovis canis, sorozytes, effect of various physical factors on excretation and viability of excreted sorozytes in vitro, subsequent infectivity to calves

Humidity
Holscher KH; Gearhart HL; Barker RW
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
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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 121% relative humidity, conjectured that infection cannot be induced by feeding cattle dried metacercariae sticking to rice plants

Humidity
Koch HG; Dunn JC
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Amblyomma americanum, oviposition, egg hatch, and larval survival at different temperatures and humidities

Humidity
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weather and the ecology of bursect nematodes, review

Humidity
Maske DK; Ruprah NS
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Humidity
Majaro OM; Dipeolu SO
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Humidity
Mishra GS et al
1979 Rev Elevage et Med Vet Pays Trop 32 (4) 353-359 Wa
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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 JB; Small AJ
1980 Parasitology 81 (3) Dec 507-517 Wa
Gastrocyctus 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 Internat J Parasitol 11 (3) June 235-242 Wa
Haemonchus contortus from Louisiana, H. contortus cayugensis, H. placei, hybridization, fertility and percent developing to 3rd stage and 2 different mammalian cell types, production of hybrids that express parasite-specific antigen

Humidity
Subbotin NF; Karelin ST
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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

Humidity
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1975 Parazitologiya Leningrad 9 (4) July-Aug 354-358 Wa
Ctenophthalmus wladimiri, duration of survival under laboratory conditions of various temperatures and humidities

Humidity
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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
Hybridization
Le Jambre LF; Royal WM
1980 Internat J Parasitol 10 (4) Aug 281-286 Wa
Haemonchus contortus, H. placei, melotic abnormalities in backcross lines of hybrid Haemonchus

Hybridization
Tait A
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 CD 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
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Hydrogen ion concentration
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 Biophthalmia 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
Effect of pH on survival rate of adult Ostertagia 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
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1979 Indian J Helminth 29 (1-2) Mar-Sept 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
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Gierdia 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
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1980 Tropened u Parasitol 31 (1) Mar 59-66 Wa
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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
Oshelli H et al
Parasites of horses, distribution in stomach, relationship to inter-specific interactions and to pH: region de Settat (Maroc)

Hydrogen ion concentration
Ramajo Martin W
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
Naegleria fowleri, N. gruberi, effect of inoculum size and pH on growth in vitro
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Hyperparasitism
Canning EU; Olson AC Jr
1980 J Parasitol 66 (1) Feb 154-159 Wa
Nosema lepocreadii sp. n. hyperparasitic in Lepocreadium manteri (vitellogenic line) from Leuresthes tenuis (gut), prevalence and site of infection, development: San Diego Co., California

Hyperparasitism
Costa CAF; Bradley RE
1980 J Invert Path 35 (2) Mar 175-181 Wa
Nosema algerae, a mosquito pathogen, experimental hyperparasitism of Fasciola hepatica in Lymnaea cubensis; results seem to question the host range as a factor in the taxonomy of microsporidia

Hyperparasitism
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1981 J Protozool 28 (2) May 175-182 Wa
Trypanosomatidae with and without endosymbionts, ultrastructural differences (intraflagellar structure, peripheral mitochondrial branching, kinetoplast DNA fibrils)

Hyperparasitism
Fukuda T; Yamamoto S
Stellecthasmus falcatus, neorickettsia-like organism isolated from metacercariae

Hyperparasitism
Goetz P; Roman A; Roman HG
Neoaplectana cariapropasae 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 cariapropasae and its associated bacterium, infectivity to 3 species of lepidopterous pupae

Hyperparasitism
Kritscher E
Acanthocephalus lucii found attached to proglottids 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 cercariae production, histology

Hyperparasitism
Lewis JW; Ball SJ
Trypanosoma cobitis in Hemiclepsis marginata, ultrastructure of epimastigotes, presence of bacteria-like bodies in cytoplasm

Hyperparasitism
Lewis JW; Ball SJ
Trypanosoma cobitis epimastigotes in culture, ultrastructure, occurrence of micro-organisms in cytoplasm

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

Hyperparasitism
Muetzen J; Nielsen K
1975 Vidensk Med Dansk Naturforening 138 Dec 171-199 Wa
Echinoculima spp., sea urchins, mode of attachment, structure of alimentary tract, proboresophageal movements and feeding, reproductive organs, oviposition, possible hermaphroditism, sporozoans found in E. mitrei (mantle and digestive glands)

Hyperparasitism
Olson AC Jr
Lepocreadium manteri sp. n., hyperparasitized by unidentified microsporidan: San Diego Bay, San Diego Co., California

Hyperparasitism
Owczarkat A; Stibbs WH; 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 small resistance to S. mansoni

Hyperparasitism
Payne WL et al
1980 J Parasitol 66 (1) Feb 150-153 Wa
Sulcasarcius sp. and its protozoan hyperparasite Urosporidium sp. surveyed in Spisula solida 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 surveys: 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 parasitism in Porcellio scaber and Armadillidium vulgare, first report of known virus replicating 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 tymenchoi and Hymenolepis scutigera in abdominal 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. annu-
laris (posterior hindgut); extensive bacterial
flora present: Georgian Bay, Ontario

Hypersensitivity, Delayed See Immunity, Cell-
mediated
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
Abouzkham AA; Buttner A
1980 Ann Parasitol 55 (3) 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
Aikat BK et al
1981 Indian J Med Research 70 Oct 583-591 Wm
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
Plasmodium gallinaceum, interaction of monoclonal antibodies with gametes, electron microscopic study
Immunity
Akiyama T et al
1980 J Dermat 8 (1) Feb 43-46 Wm
Oncocerca volvulus, increased levels of IgG and IgE in infected Guatemalan patients, no differences found in IgA and IgM levels, quantitative determinations using laser immunofluorescence or radioimmunosorbent assay

Albers GAA
1981 Mededel Landbouwhogeschool Wageningen 81 (1) 118 pp Wm
Cooperia oncophora, calves (exper.), genetic resistance to infection

Albright JW; Albright JF
1981 Infect and Immum 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

Alexander J; Phillips RS
1980 Exper Parasitol 49 (1) Feb 34-40 Wa
Leishmania mexicana, L. tropica major, mice, adoptive transfer of 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

Ali-Khalidi NW; Weisbrode SK; 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

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

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 MLN cells, 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

Allison AC et al
1979 Trop DIS Research Ser (1) 151-182 Wa
Babesia microti, mice, role of spleen in protection against infection, review

Allison AC; Eugui EM
1980 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

Altenburg J
1981 Parasitology 82 (4) July 153-159 Wa
Immunity to adult cestodes, Workshop Proceedings, 3, European Multicolloquium on Parasitology

Andersen J
1980 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

Andreassen J
1980 Exper Immunol 3 (2) Summer 137-142 Wa
Animals exhibit non-specific suppression that is only as suppressor but as alloreactive cytotoxic cells discussed as possible autoimmune explanation for longevity of parasite within mouse model

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1980 Compt Rend Acad Sc Paris 290 s B 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

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
cutaneous leishmaniasis, human, chronic (lupoid) form, clinical aspects, histology, skin tests with leishmanin and PPD, indirect fluorescent antibody and direct agglutination tests: Iran

Immunity
Aryavardpour 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
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
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
Entamoeba histolytica, fate of antibodies after binding to cell surface

Immunity
Bailenger J et al
1981 Ann Parasitol 56 (3) 317-327 Wa
Strongyloides ratti, rats, repeated infections, parasitemia and corticosteronemia

Immunity
Bailenger J; Chanraud JB; Cabannes A
1981 Ann Parasitol 56 (3) 329-338 Wa
Strongyloides ratti, rats, reinfection after spontaneous recovery, parasitemia and corticosteronemia

Immunity
Bailenger J 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 congoense adhesion to host red blood cells followed by immune response to parasite may damage infected host by 'innocent bystander' mechanisms

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
Barriga GJ
1980 J Trop 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) 770-774 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
Behbehani K; Pan SC; Uzuwae 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 JW; 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 (ILMC), greater protection in mice which received both IS + ILMC
Immunity
Behnke JM; Parish HA; Hagan P
1980 J Helminth 54 (3) Sept 173-182 Wa
Nematodiridae 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 Immum 29 (1) July 186-193 Wa
Trichinella spiralis, parabiologic 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 Immum 29 (1) July 194-199 Wa
Trichinella spiralis, rats, coincident of
rapid expulsion response by using antigenic
extracts of larvae and intestinal stimulation with unrelated parasite (Heligmosomoides poly-
 gyrus)

Immunity
Bender AP et al
1980 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 micro-
 filariae, 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-Pj
allohemagglutinins, automated assay, IgM nature

Immunity
Bennett CE; Hughes DL; Harness E
1980 Parasite Immunol 2 (1) Spring 79-55 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 chal-
genine 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
Bhople MK; Menon S; Xulkarni L
1980 J Helminth 54 (2) June 97-104 Wa
more susceptible BALB/c mouse, primary and
challenge infections, cellular response in lungs
and liver, ultrastructural analysis

Immunity
Bhople MK; 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
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 reinfect-

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 pro-
tectiveness, clinical and serological response
to primary infection, indirect immunofluores-
cent technique using antigens of Plasmodium
falci parum, P. ovale, and P. malariae: Accra,
Ghana

Immunity
Blackwell J; Freeman J; Bradley D
1980 Nature London (574) 283 Jan 3 72-74 Wa
Leishmania donovani, mice, influence of H-2
complex on acquired resistance

Immunity
Bloom BR; Tanowitz H; Wittner M
1979 Immun Mech and Dis 69-100 Wa; Wu
mechanisms for escape of immune surveillance
by parasites, review (old-time genetic en-
gineering; 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
schistosomes artificially introduced into
preinfected mice
Immunity

Bos HJ; Leijendekker Wil; van den Eijk AA
1980 Exp 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 total immunoglobulins and specific antibodies; use of original radio-immunoadsorbent 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

Breniere
1980 Canad J Microbiol 26 (9) Sept 1090-1095
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

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; CM 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

Briand M et al
1980 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

Brown KN; Hills LA
1979 Bull World Health Organ 57 suppl 1 155-158 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
Immunology
Brown KN; Hills LA
1981 Tropenmed u Parasi tol 32 (2) June 67-72 Wa
Plasmodium berghei, protective immunity in
mice and rats is significantly enhanced by
phenylhydrazine treatment, this effect gene-
ratino memory, can be transferred with spleen
cells, and can have both enhancing and sup-
pressive action on protective immune response in
recipients, implications for role of ery-
throcyte destruction in protective immunity to
malaria

Immunology
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

Immunology
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

Immunology
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, col-
or, and survival ability, histological res-
ponses of resistant hosts to tick feeding

Immunology
Bueding EM; Hawkins J; Cha YM
1981 Agents and Actions 11 (4) July 380-383 Wm
Schistosoma mansoni, mice, anti-schistosomal
effects of cyclosporin A (new selective immu-
unosuppressive agent), synergistic antischis-
tosomal effects of cyclosporin A with subcura-
tive dose of amoscanate, evidence suggests
antischistosomal effects are mediated through
stimulation of host mechanisms directed
against parasite

Immunology
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 re-
sistant rats

Immunology
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 immunologi-
cal memory

Immunology
Bushara HO et al
Wa
Schistosoma bovis, cattle, experimental demon-
stration of naturally acquired resistance, gross clinical observations, body weights, hematog-
yeny, pathophysiology, parasitology, histopathology: Kosti, Sudan

Immunology
Butterworth AK; Vadis MA
1979 Pract Tissue Culture Appl 287-307 Wa
Schistosoma mansoni, in vitro culture, appli-
cations in immunological studies, review

Immunology
Buxton D
Toxoplasma gondii, congenitally athymic nude
mice, infection with normally avirulent cyst-
producing strain, much less able to cope with
infection than their hirsute littermates

Immunology
Cacciauotiti B et al
1981 Boll Ist Sieroterap Milanesi 50 (2) May 31,
121-128 Wa
Toxoplasma, prevalence of infection in mothers
in labor and their newborn babies vs. preva-
ience of antitoxoplasma antibodies (indirect
immunofluorescence and modified comple-
ment fixation tests) in the same pairs, hypothesis of
long-lasting passive congenital immunity to
Toxoplasma infection: Bergamo, Italy

Immunology
Callow LL; Kanhai GK; Vandenberghe A
Entamoeba spp., surface redistribution and re-
lease of antibody-induced caps

Immunology
Callan LL; Kanhai GK; Vandenberghe A
1980 J Comp Path 90 (2) Apr 331-338 Wa
Toxoplasma, prevalence of infection in mothers
in labor and their newborn babies vs. preva-
ience of antitoxoplasma antibodies (indirect
immunofluorescence and modified comple-
ment fixation tests) in the same pairs, hypothesis of
long-lasting passive congenital immunity to
Toxoplasma infection: Bergamo, Italy

Immunology
Callan LL; Kanhai GK; Vandenberghe A
1980 J Comp Path 90 (2) Apr 331-338 Wa
Toxoplasma, prevalence of infection in mothers
in labor and their newborn babies vs. preva-
ience of antitoxoplasma antibodies (indirect
immunofluorescence and modified comple-
ment fixation tests) in the same pairs, hypothesis of
long-lasting passive congenital immunity to
Toxoplasma infection: Bergamo, Italy

Immunology
Campbell GH et al
1979 Bull World Health Organ 57 supp1 1 210-225
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

Immunology
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
Carpen A et al
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), Erythrocytes parasitized, 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
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 Nat (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 CAb 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
Cawood L 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 antischistosomular 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
Centurier C; Weiland G; Seubert S
1981 Berl u Munchen Tierarztl Wehrschr 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-lysil residues in agglutinins of mouse erythrocytes by acid phospholipids of parasite membranes, possible role for lysyl-phospholipid interactions in host-parasite relationship

Immunity
Chandranani 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
Chandrsekaran 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 microfiliariae in vitro in presence of immune sera and leukocytes

Immunity
Chang KP
Leishmania donovani, antibody-mediated inhibition of phagocytosis in amastigote-human phagocyte interactions in vitro
Immunity
Chapman CB; Rajasekariah GR; Mitchell GF
Fasciola hepatica, mice and rats dosed with infective metacercariae of different single snail-derived clones and challenged with same or different clones, no better resistance 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
Schistosomes haematobium vector Bulinus truncatus rohlsfi, 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 several different strains of rats, host growth curves, volume, antigenicity, and size of metacestodes

Immunity
Chhabra MB; Mahajan RC; Ganguly NK
1980 Indian Vet J 57 (8) Aug 627-631 Wa
Toxoplasmagondii, 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
Chinchilla M; Guerrero OM; Portilla E
Leishmania mexicana, L. braziliensis, hamsters immunized with dead antigen and challenge with live parasites

Immunity
Christensen BM
1981 Tr Roy Soc Trop Med and Hyg 75 (3) 439-443 Wa
Dicrofilaria immitis, active immune response of Aedes trivittatus against developing larvae, possible role of immune response in limiting parasite burdens of D. immitis in A. trivittatus

Immunity
Christensen NO et al
1981 J Parasitol 67 (2) Apr 164-166 Wa
Echinococcus revolutum-infected mice, homologous immunotolerance, decreased resistance to Schistosoma mansoni

Immunity
Chulay JD et al
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; Digg CS
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

Immunity
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

Immunity
Cioffi 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

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 macrophage-derived mediators (tumor necrosis factor, lymphocyte-activating factor, type I interferon), possible importance in pathogenesis of acute malaria

Immunity
Clarkson AB jr; Mellow GH
1980 Science (4317) 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 non-lactating 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

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
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1980 Vet Parasitol 7 (1) June 3-9 Wa
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1980 J Wildlife Dis 16 (4) Oct 459-508 Wa
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Immunology
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Strongyloides ratti, mice, quantitation of course of primary and secondary infections

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Immunity
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Immunity
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Trypanosoma musculi in CBA mice, initial control of parasitaemia appears to be due to trypanocidal mechanism rather than reproduction-inhibiting factor (ablastin)

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Trichinella spiralis, protection-inducing antigens from muscle larvae, partial purification and characterization by molecular sizing chromatography and preparative flatbed isoelectric focusing

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Immunity
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Immunity
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Immunity
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hematobiasis, patterns in cell-mediated immune
response and humoral immune response before,
immediately after, and 4 months after nirida-
role therapy (measurement of immediate and
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levels, urinary egg counts, lymphocyte-lympho-
blast transformation rate, evidence of eosino-
philia)

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immunity, and loss of immunity, host age dif-
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ical reaction

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Taenia taeniaformis, 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-
ament, results similar whether serum or cells
were obtained from infected or non-infected
donors, predominant cells were eosinophils,
most cells also present

Immunity
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Plasmodium knowlesi, monoclonal antibodies
against specific surface determinant on mero-
zoites block erythrocyte invasion

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Wm
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tween P. chabaudi and P. yoelii in different
mouse strains, changes in spleen at different
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sensitized with larvae produced positive pas-
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calves

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lactation on survival and development of single
dose of larvae which were conditioned for in-
hibited development and of such a primary in-
fec tion on resistance to reinfection

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ciation between direct Coombs antiglobulin
positivity and malaria, antigen specificity of
erthrocyte-bound IgG, mechanism of erythrocyte
sensitization, results add to and confirm major
role of immune complex formation in immuno-
pathology of falciparum malaria

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molecules, association with anemia

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Hypoderma sp., cattle, demonstration of anaphy-
lactic antibodies

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Schistosomiasis, humans with hepatic bilharzial
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port-caval shunt surgery, supports hypothesis
that immunoglobulins increase after establish-
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sis

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mice, accumulation of neutrophils and macro-
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phil-mediated killing of amoeba
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Trypanosoma brucei brucei-infected CBA/K mice (strain with B cell deficiency) vs. conventional B mice, survival and level of parasitemia, non-specific immune responses (polyclonal B cell activation in spleens, circulating immune complexes, immunosuppression)

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Trypanosoma brucei, induction of T lymphocyte-dependent proliferative response specific for parasite

Immunity
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Trypanosoma vivax, absence of host protein on surface coat

Immunity
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Taenia hydatigena, sheep, duration of acquired immunity to embryo, reorganizing larvae, and metacestode in absence of further egg infections, confirmation that original and superimposed cyst populations can coexist

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Leishmanias 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

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Ghose AC et al
Trypanosoma brucei, hamsters, protection against amebic liver abscess by immunization with amebic antigen and some of its fractions, no correlation between anti-amebic antibody titers and gross pathology

Immunity
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Theileria annulata, susceptible calves, immunologic relationships among 5 Indian strains (virulence, protection against homologous and heterologous challenges)

Immunity
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Trichomonas vaginalis activates alternative complement pathway, this reaction is responsible for lysis of this parasite observed in fresh sera

Immunity
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1980 Advances Exper Med and Biol 121A 307-313
Plasmodium berghei, use of yeast particulate glucan for causal prophylaxis of mouse malaria

Immunity
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Goven AJ; Moore GW
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Trypanosoma cruzi, several strains, activity of immune sera on surface antigens

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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 trypanmastigotes, histopathology

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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

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Toxoplasma gondii, rats, indications that immune response is both humoral and cellular

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Trichinella spiralis, congenitally athymic (nude) mice (exper.), absence of increased bone marrow eosinophilia or elevation in intestinal phospholipase B activity

Goven EA; 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

Goven EA; Dawe DL; Gratzek JB
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Ichthyophthirius multifiliis, protective immunity of Ictalurus punctatus against challenge infections by immunization with varying doses of Tetrahymena pyriformis ciliary antigen

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1980 Insect Sc and Its Applic 1 (1) 69-72 Wa
Trypanosoma congolense, 4 stocks, occurrence of local skin reactions in calves, sheep, and rabbits at sites of bites of infected Glossina morsitans, antibody responses of infected rabbits, local skin reaction responses in rabbits on rechallenge with homologous vs. heterologous stock, possible epidemiological importance of differences between parasite stocks

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Trypanosoma congolense, cyclical transmission to rabbits, calves, and sheep by infected Glossina morsitans, local skin reactions, trypanosome distribution in host, and pathological changes during initial stage of infection

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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

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evidence to support hypothesis that leishmanial parasites may utilize system of camouflage or mimicry of host blood group antigens to evade host defense mechanisms

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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

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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 Peyers' patches and in adjacent areas of same section, X distribution of globule leucocytes in mucosa of sections which showed large numbers of these cells
Immunity
Grimaldì GF; Meriearty PL; Hoff R
Leishmania mexicana in CSH mice, NCG 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.

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Leishmania mexicana in CSH mice, histopathology, humoral and cellular immune responses.

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Wuchereria bancrofti, 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.

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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. yoelli or P. berghei.

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Guerra-Caceres JG et al
1980 Parasite Immunol 2 (2) Summer 121-131
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
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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 the presence of these genetic traits offers selective advantage against infections, possible mechanisms discussed.

Immunity
Guhl F et al
166-171
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
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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
Trypanosoma brucei rhodesiense, immune complexes or immune regulation, role of different immune mechanisms in disease progress and in resistance to drug therapy in experimental infections.

Immunity
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1981 Exper Parasitol 52 (1) Aug 147-159
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

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Immunity
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1979 Acta Bioquim Clin Latinoam 13 (4) Dec 421-
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Immunity
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1979 Bull World Health Organ 57 suppl 1 165-173

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Immunity
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Immunity
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1981 J Immunol Methods 43 (2) June 16 193-197

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
Haa B; Wenk P
1981 Tr Roy Soc Trop Med and Hyg 75 (1) 143-144

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
Hadiaris CG et al
1981 Parasite Immunol 3 (2) Summer 149-156

Nematospiroides dubius, stimulation of immunity in mice using larvae attenuated by cobalt 60 irradiation

Immunity
Hagiwara T; Katsube Y; Imaiizumi K
1981 Japan J Vet Sc 43 (3) June 345-349

Toxoplasma, oocyst production in cats surviv- ing after intraperitoneal inoculation of cysts, all developed dye test antibody

Immunity
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1981 Infect and Immn 33 (3) Sept 918-926

Leishmania donovani, tumoricidal macrophages are insufficiently activated to kill ingested amastigotes in vitro unless an activating stim- ulus is maintained for several days

Immunity
Haidar JP; Saha KC; Ghose AC
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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
Hale C; Howard JG
1981 Parasite Immunol 3 (1) Spring 45-55

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
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1981 Austral J Biol Sc 34 (1) 37-46

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Immunity
Hall RD et al
1978 Poultry Science 57 (8) Nov 1728-1732

Ornithonyssus sylviarum, Leghorn roosters (ex- per.), effect of corticosterone and inbred antibody competency on mite population develop- ment, antibody competency alone probably was not responsible for observed differences

Immunity
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1981 Tropenmed u Parasitol 32 (1) Mar 43-47

Schistosoma mansoni, comparison of sera from chronically infected mice vs. sera from mice immunized with soluble worm antigen (antibody titers to unmodified and modified schistosomu- la in indirect fluorescent antibody test; pas- sive protective activity; in vitro cytotoxic antibody activity); induction of antibodies by modified schistosomula, cross-testing of this antiserum against modified and unmodified schistosomula

Immunity
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Immunity
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Immunity
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Toxoplasma gondii, mice infected with strains of different virulence, sequence of antibody response to parasite surface antigens
Immunity
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1980 Exper Parasitol 50 (1) Aug 103-114 Wa
Fasciola hepatica, juvenile flukes acquired
continuous layer of host IgG over surface dur-
ing incubation with antigen, 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 develop-
ment in rat and sheep

Immunity
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1981 J Protozool 28 (1) Feb 27-30 Issued June 18
Wa
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antiprotozoal drugs on host immune response,
possible procedures for enhancing immune res-
ponse 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
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

Immunity
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1980 J Reticuloendothel Soc 27 (6) June 651-637
Wa
Toxoplasma gondii-infected swine vs. normal
swine or Freund's complete adjuvant-infected
swine, presence of IgM, IgG, and complement
receptors on alveolar macrophages and their
role in phagocytosis

Immunity
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1980 Research Vet Sc 28 (3) May 377-379 Wa
Fasciola hepatica, immature and mature infec-
tions stimulating resistance in rats but not
rabbits, host differences (fluke numbers fol-
lowing 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 310-316 Wa
Fasciola hepatica, resistance in rats and rab-
bbits 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 ho-
modegenic or heterologous sera between infected
donors (rats, rabbits, cattle) and naive recip-
ant rats and rabbits

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

Immunity
Hatcher FK et al
1981 J Immunol 127 (3) Sept 1126-1130 Wm
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natural killer cell activity, data not indica-
tive of direct role for host protection by
these cells

Immunity
Hauser WE jr; Remington JS
1981 Infect and Immn 32 (2) May 637-640 Wa
Toxoplasma gondii, monoclonal antibodies en-
harmonic phagocytosis and killing of tachyzoites
by normal mouse peritoneal macrophages

Immunity
Hayes MM; Kierssenbaum F
1981 Infect and Immn 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
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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 SH; Osborne PJ
1980 Research Vet Sc 29 (3) Nov 388-389 Wa
Taenia hydatigena, dogs, immunization by macro-
molecular secretions from cultured worms re-
sulted in high serum antibody titre to antigens
but no immunity was induced to challenge infec-
tion

Immunity
Heller-Haupt A; Varna MRG; Langi AO
Wa
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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 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
Immunity

Herman R
1980 Infect and Immun 28 (2) May 585-593 Wa
Leishmania donovani, mice, cytotoxic and on-sonic antibodies

Immunity

Hillyer GV; Sagrassmo de Ateca L
Schistosoma mansoni or Fasciola hepatica in mice, antibody responses to antigen preparations from both species, Ouchterlony immunodiffusion, circu-moval precipitin test, enzyme-linked immunosorbent assay, indirect hemagglutination

Immunity

Hosaidy HK
1981 Berl u München 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

Hozing E
1979 Tropened 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

Hoofting K; 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, dermoeidermal junction, and papillary dermal vessels, findings support a humoral immune response secondary to scabetic infestation

Immunity

Hood AT; Boros DL
Wa
Schistosoma mansoni, mice, effect of splenectomy on pathophysiology, humoral and cell-mediated granulomatous responses, and liver fibrosis

Immunity

Hopper G A
1980 Bio1 Tapeworm Hymenolepis diminuta 551-614 Wa
Hymenolepis diminuta, immunity, review

Immunity

Hoshiba K et al
1980 Nippon Shokakibyo 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 Exp 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
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 immunophrophylaxis), 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 rables vaccinations

Immunity

Huffman EM et all
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; Toter RS
1980 Exper Parasitol 49 (3) June 381-397 Wa
Chromyoma beziana, Brahman-cross steers (exper.), gross and histopathology, clinical syndrome, hematology and biochemistry, bacteriology, could contribute to development of anemia

Immunity
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

Immunity
Hunter KW jr et al
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 cytoxicity 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 A10
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
Ibeziako PA; Williams A10
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 newborns of mothers on prolonged malarial chemoprophylaxis may have lowered acquired immunity to malaria

Immunity
Ikeeda 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
Ismail AM et al
1976 Ain Shams Med J 27 (1) Jan 57-60 Wm
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

Immunity
Jacqueline E et al
1981 Ann Parasitol 56 (4) 395-400 Wa
Trichinella spiralis, rats (exper.) with biliary secretion diverted from choledoch duct to bladder, increased number of adult worms, increased production of larvae by females, increased 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 hemagglutination and countercurrent immunoelectrophoresis tests) and cell-mediated (macrophage migration inhibition test) immune responses in immunized and unimmunized animals

Immunity
Jain P; Sawhney S; Vinayak VK
Entamoeba histolytica, guinea pigs, effect of specific (amoebic) and non-specific (bacterial) prior sensitization on outcome of amoebic infection
Immun a
James HA; Alger NE
1981 Internat J Parasitol 11 (3) June 217-220
P lasmoidium berghei, mice, treatment with
carrageenan (reported anti-macrophage agent)
conferred partial immunity

Immunity
James SL
1981 Parasitology 83 (1) Aug 147-162
Schistosoma mansoni, in vitro proliferative
response to living schistosomula by T lympho-
cytes from infected mice

Immunity
Jenkins DC; Carrington XS
1981 Parasitology 82 (2) Apr 311-318
Nematodiroses dibus, course of primary, sec-
ondary, 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 at-
tributed solely to non-specific macrophage ac-
tivity or cell-mediated immune reactions

Immunity
Jensen DL; Castro GA
1981 Exper Parasitol 52 (1) Aug 53-61
Trichinella spiralis, migration of rat perito-
eal cells (predominantly eosinophiles) toward
parasite incubates, (normal or immune) rat se-
rum, 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
Biophalaris spp., distribution and variation of
hemagglutinating activity in hemolymph, no
correlation between hemagglutinin titer and in-
nate resistance of Biomphalaria glabrata 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
Echinostoma lindoense in sensitized and resen-
sitized Biomphalaria glabrata, leucocytosis,
significant and more rapid leucocyte increase
in resensitized snails

Immunity
Jepeen S; Axelsen NH
263-270
Plasmodium falciparum, human, antigens and
antibodies studied by immunoelectrophoretic
methods

Immunity
Jørgensen RJ
1980 Vet Parasitol 7 (2) Sept 153-167
Dictyocaulus viviparus, cattle, epidemiology,
infection in pasture monitored by use of tracer
calves and regular pasture sampling, assessment
of correlation between pasture larval contami-
nation and pasture infectivity, influence of
climate and host immunity: Denmark

Immunity
Johnson RP; Chi LW
Trypanosoma brucei, mice, immunization, N-
nitro-N'-nitroso-N-methyl-N'-nitro-N-nitroso-
guanidine tested as attenuating agent

Immunity
Johnson WD jr
1981 Infect and Immун 33 (3) Sept 948-949
Toxoplasma gondii, human, acute infection,
chronological development of cellular immunity,
dichotomy between resolution of clinical ill-
ness and responsiveness of B and T lymphocytes
to toxoplasma antigens, transient period of
antigen-specific immunosuppression

Immunity
Johnstone CJ; Leventhal R; Soulsby EJL
1981 Exper Parasitol 51 (2) Apr 243-256
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
obligate intracellular protozoa, interactions
with murine macrophages, symposium presenta-
tion: protozoal entry mechanisms and phago-
yllosomal system; protozoal intracellular sur-
vival and effects on macrophage function; mac-
rophage antigen processing and genetics of
immune response (includes mention of immuno-
suppression); lymphokine-induced microbicidal
and microbicidal changes

Immunity
Jones TW et al
Trypanosoma brucei gambiense, use of culture-
derived metacyclic trypanosomes in studies on
serological relationships of 5 stocks from 4
African countries

Immunity
Justus DE; Morokote N
1981 J Immunol 126 (2) Feb 468-471
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
Kaiser H; Skofitsch G
1981 Zool Jahrb Abt Syst 108 (1) 70-83
Hexamermis sp., H. lineata, Mermis nigrescens,
Phoroceris sp., disc electrophoresis of pro-
teins, reactions in gel diffusion tests with
antisera against Hexamermis sp., correlation of
these characters with morphologic and bio-
logic 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 IgE antibodies) and on expulsion of Nippostrongylus brasiliensis from rat intestine

Immunity
Kaliraj P; Ghirnikar SN; Harinath BC
Wuchereria bancrofti, rabbits, immune response to microfilarial antigen

Immunity
Karunakaran CS
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 phyllogey 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 infection 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
Kerboeuf D; Jolivet G
1980 Ann Recherches Vet 11 (2) 185-193 Wa
Heligmosomoides polygyrus, (Nematospiroidea 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
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
Knouy 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
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 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
Knight R et al
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
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

Immunity
Kojima S; Kamojo 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

Immunity
Kojima S; Kitamura Y; Takatsu K
1980 Immunol Letters 2 (3) Dec 159-162 Wa
Nippostrongylus brasiliensis, prolonged infection in genetically mast cell-depleted W/WV mice

Immunity
Krahenbihl 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 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; Karyumba 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
Lamont G; Saul A; Kidson C
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Plasmodium falciparum, method for quantitatively assayng merozoite invasion of particular erythrocytes in vitro, technique used to determine effect of serum from infected patient on merozoite invasion of erythrocytes

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Immunity

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Immunity

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Trichinella spiralis, mice, effect of parasite infection on intestinal fluid transport in constant enterotoxic diarrhea (cholera) and on local and systemic antibody formation to cholera toxin immunization.

Immunity

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Immunity

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Immunity

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Immunity

Lindsey H et al
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Immunity

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Immunity

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Immunity
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Immunity
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Immunity
Long PL; Johnson J; Wyatt RD 1980 Poutry 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
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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 re-infection phenomena

Immunity
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adherence reaction between Toxocara canis L2 previously sensitized with immune serum and peritoneal macrophages from normal guinea pigs

Immunity
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Nippostrongylus brasiliensis, rats, Nematode bursa, 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
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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
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Immunity
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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 parasitaemia, 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

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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
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Nippostrongylus brasiliensis-infected rats, kinetics of mast cells and globule leucocytes at small intestinal sites and in heterotopically transplanted isografts of intestine

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Plasmodium chabaudi, adoptive transfer of immunity with different spleen cell populations and development of protective activity in serum of lethally irradiated recipient mice

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Plasmodium chabaudi-immunized mice, lack of correlation between delayed-type hypersensitivity (DTH) and host resistance, DTH depression in immunized challenged mice coincided

Immunity
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primary and secondary responses, Ascaris suum
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culi

Immunity
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tick-borne relapsing and immunological rela-
ationships, selected bibliography

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indirect fluorescent antibody technique used to
determine class of anti-sheath immunoglobulins
and prevalence and titer of each class in differ-
ent age groups, anti-sheath antibodies re-
lated to amicrofilaremia but not to filarial
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receptor on dorsal tegumental surface of adult
male parasites

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inefluence on Hymenolepis diminuta development
in mice, diminished humoral and cellular re-
sponses to H. diminuta, tapeworms not expelled

Immunity
Mackenzie CD et al
1980 Exp Parasi tol 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
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Schistosoma mansoni, parasite surface in rela-
tion to host immunity, monograph

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1980 Cellular Immunol 54 (2) Sept 1 330-350 Wa
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peripheral blood monocytes, monocyte-derived
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on parasites

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1981 Am J Trop Med and Hyg 30 (3) May 609-615 Wa
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but had markedly suppressed IgM and IgG levels

Immunity
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of serum complement during acute infection
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Toxoplasma gondii, cattle, serological survey,
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immune serum-dependent sensitivity and elimi-
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system

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Nippostrongylus brasiliensis, acetylcholines-
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for changes in enzyme production, may be re-
lated to immune response
Immunity
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1980 Parasitology 81 (3) Dec 587-592
Wa
Nematodirus battus, changes in structure of male worm reproductive system during rejection from lambs

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Wm
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Trypanosoma congoense, in vitro response to mitogens of leucocytes from infected cattle

Immunity
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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
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1979 Acta Leidensia 47 37-44
Wa
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Immunity
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Wa
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Immunity
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Immunity
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Toxoplasma gondii, incidence of positive indirect hemagglutination test in Ibo women with recurrent abortions, comparison of high and low socioeconomic groups; Nigeria

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Schistosoma mansoni, previously infected mice, failure to recover larvae from peritoneal cavity in second infection, this Larvae Disappearing Reaction is probably result of immunologic reaction and appears to adhereence of cercariae to peritoneum

Immunity
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1981 Tr Roy Soc Trop Med and Hyg 75 (1) 158-159
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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
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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
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Wa
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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

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1980 Exper Parasitol 50 (2) Oct 212-221
Wa
Schistosoma mansoni, attrition of challenge infection in mice immunized with highly irradiated live cercariae
Immunity
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Immunity
Minami T et al
1980 National Inst Animal Health Quart Tokyo 20 (2) Summer 44-52 Wa
Theileria sergentii, 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

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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
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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

Immunity
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Moniliformis moniliformis, rats, infection and re-infection, worm expulsion, worm growth, worm localization/migration in host intestine, differences between male and female worms

Immunity
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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
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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
Leishmania tropica, resistance and abrogation of resistance to cutaneous leishmaniasis in reconstituted BALB/c nude mice

Immunity
Mitchell GF et al
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
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Immunity
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1980 Am J Trop Med and Hyg 29 (5 pt 1) Sept 725-737 Wa
Trichinella spiralis-infected mice, protection against sarcoma-180 ascites tumors under selected conditions of larval dose and challenge interval

Immunity
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Immunity
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Immunity
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Immunity
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Immunity with mesenteric lymph node cells

Immunity
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Schistosoma mansoni, studies of antibody-dependent killing of schistosomula employing haptenic target antigens, evidence that loss in susceptibility to immune damage undertaken by developing schistosomula involves change unrelated to masking of parasite antigens by host molecules

Immunity
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1981 J Bioloc 3 (1) Mar 77-82 Wa
Ascaris lumbricoides, guinea pigs, immunization, immediate hypersensitivity following challenge, characterization of cytotoxic antibodies, skin tests in ascariasis-positive human subjects, concluded that guinea pig is suitable model for testing human Ascaris allergens

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1980 Lab Animals 14 (2) Apr 127-128 Wa
Spironucleus 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 ovicanis, ewes (exper.), premature parturition, pathological findings; previous infection with S. gigantia did not protect from subsequent challenge with S. oviscanis

Immunity
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1981 Infect and Immum 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
1980 Infect and Immum 53 (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
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1980 Infect and Immum 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
Toxoplasma gondii, macrophage oxygen-dependent antimicrobial activity, enhanced oxidative metabolism as expression of macrophage activation

Immunity
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Toxoplasma gondii, macrophage oxygen-dependent antimicrobial activity, role of endogenous scavengers of oxygen intermediates

Immunity
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1980 Exp 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
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Strongyloides ratti, rats, protective role of IgG

Immunity
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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
1980 Immunology 40 (3) July 343-352 Wa
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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
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Immunity

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Immunity

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Immunity

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cell-mediated (CMI) and humoral immune
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affect CMI response during course of infection
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Immunity

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Immunity

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ment

Immunity

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Immunity

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Immunity

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Immunity

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Immunity
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Immunity
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Immunity
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Immunity
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Immunity
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Immunity
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Immunity
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Immunity
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Immunity
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Immunity
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animals, changes in numbers of mast cells and
eosinophils

Immunity
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Immunity
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Immunity
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precipitate on tegument and in surrounding
medium, comparison of amount of precipitate
formed with levels of liver and bile duct en-
zymes in serum

Immunity
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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 infected with meta-
cercariae cultured in serum from normal and in-
fected sheep or with freshly excysted metacer-
cariae

Immunity
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infections, precipitating antibodies against
excretory/secretory antigens of various develop-
mental stages

Immunity
Sanghvi PK; Vyas M; Johri GN
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quired immunity using singly sensitized perito-
neal exudate cells

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determination of secretory IgA in vaginal
lavage

Immunity
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1980 Clin and Exp Immunol 40 (1) Apr 36-41 Wa
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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

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to membranes of infected and uninfected mamma-
lian cells

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Plasmodium berghei, mice infected by various
doses, interferon production; chloroquine
treatment and splenectomy reduced Plasmodium
development and interferon production

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caudatus (exper.), specific antibody response,
solid phase radioimmunoassay, magnitude of
antibody response correlates both with time
postinfection and type and progression of cut-
aneous lesions

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surface antigens

Immunity
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animals thought to be reservoirs of human vis-
ceral leishmaniasis, biochemical and serologi-
cal taxonomy, Kinetoplast DNA buoy-
ant density, excretory factor serotypes, and
electrophoretic mobility of enzymes), ability of L.
tropica-like organisms to visceralize, non-L.
tropic organisms considered as essen-
tially being single complex that is widely dis-
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Immunity

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Immunity

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Immunity

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1980 Ohio State Univ Biosc Colloq (5) 131-143 Wm
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1980 Tropenmed u Parasitol 31 (4) Dec 435-438 Wa
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Immunity

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Immunity

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Immunity

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Immunity

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1980 Ztschr Parasitenk 62 (1) 1-6 Wa
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Immunity

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Taenia crassiceps, primary and secondary infections in 2 strains of mice, serum immunoglobulin levels, cestode larval surface immunoglobulins
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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

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1980 Parasitology 80 (2) Apr 289-300 Wa
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Immunity
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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-response suggested by lymphoid cell infiltration in mucosa

Immunity
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1981 J Parasitol 57 (4) Aug 591-592 Wa
Mesococestoides 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

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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

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1980 Tr Roy Soc Trop Med and Hyg 74 (1) 104-105 Wa
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Immunity
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Schistosoma mansoni, attrition of challenge worms in irradiation-attenuated cercaria-immunized mice as function of site and time

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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)

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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
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Immunity
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1981 Am J Trop Med and Hyg 30 (4) July 825-835 Wa
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1981 Trop Med and 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 IgG 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
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Trypanosoma vivax organisms purified by DEAE-cellulose chromatography from blood of cattle do not have bovine serum proteins on their surface

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Immunity
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Immunity
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Immunity
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Plasmodium falciparum, cellular and humoral immune responses in Aotus trivirgatus following vaccination

Immunity
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Babesia divergens, cattle, immunization with irradiated infected blood, protection against high level challenge with infected Ixodes ricinus at field trial site: Northern Ireland
Immunity
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Immunity
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1979 Bull World Health Organ 57 (5) 697-710 Wa
Trypanosoma cruzi, humans, immune mechanisms, trends in immunological research, and prospects for immunoprophylaxis, review

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Immunity
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Toxoplasma gondii, human; indirect fluorescent antibody prevalence in relation to age group, sex, and ethnic group, prevalence of specific IgM antibodies: Malaysia

Immunity
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
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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

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Immunity
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Immunity
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uninfected mice treated with chloroquine, quinine, or primaquine have normal immunological responses, implications for malaria chemotherapy

Immunity
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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

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Todorov T; Stoianov G
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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
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Trypanosoma cruzi, dogs treated with irradiated parasites and challenged with virulent parasite strain vs. dogs receiving just challenge infection, serological and cardiac pathology

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Schistosoma mansoni, rats, partial immunity to challenge after injection of S. mansoni antigen + Freund's incomplete adjuvant + muramyldipeptide

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Immunity

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Immunity
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Immunity
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Immunity
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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
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Plasmodium berghei-infected mice immunodepressed with cortisone or whole body irradiation, immunodepression afforded protection against parasite

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Immunity
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Immunity
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Immunity, Agglutination
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Immunity, Agglutination
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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 countercurrentimmunolectrophoresis tests) and cell-mediated (macrophage migration inhibition test) immune responses in immunized and unimmunized animals

Immunity, Agglutination
Janitschke K et al
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 Austrai J Exper Biol and Med Sc 59 (3) June 303-306 Wa
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Immunity, Agglutination
Kagan IG; Norman L
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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; Ghrinikar SN; Marinath BC
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
Kashiwal 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 haemaggulutination 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 Wa
Toxoplasma antigen used to compare indirect haemagglutination test with complement fixation and indirect fluorescent antibody tests, diagnosis of human toxoplasmosis

Immunity, Agglutination
Kumar PS; Kumar R; Mohapatra LN
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Immunity, Agglutination
Labro-Bryskier MT et al.
1981 Ann Biol Clin 39 (4) 175-180 Wm
Toxoplasmosis, human, diagnosis, effect of presence of rheumatoid factors on results for discriminative antibody pattern without cross reaction and enzyme-linked immunosorbent assay 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
Dracunculus medinensis, infected human serum, specific antigen detection, diagnostic utility of human filarial sera, diagnosis, enzyme-linked immunosorbent assay compared with other immunologic diagnostic tests

Immunity, Agglutination
Le Bras J et al.
Toxoplasmosis, human, standardized qualitative enzyme-linked immunosorbent assay for detection of antibodies, comparison with dye test, indirect immunofluorescence test, and passive hemagglutination test as well as with clinical data

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 Wm
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, Agglutination
Lin TM; Halbert SP; O’Connor CR
1980 J Clin Microbiol 11 (6) June 675-681 Wm
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 WE
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; Forath 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, serologic responses (complement fixation and capillary tube agglutination tests) following treatment with gloxazone

Immunity, Agglutination
Magnus E; Vervoort T; Van Neirvenne N
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
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 assessment 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
Matthews 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
Megafo U; Ugwegbula 1
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 Refail 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; Bravenary 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
Mironov OB et al
1979 Khirurgiia (12) Dec 309-304 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
Mitarai 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
Medzilewska I; Modzilewska-Kolas A
1980 Wiadom Lekar 33 (2) Jan 15 97-99 Wm
umbilical cord serum of 154 randomly selected
newborn infants examined using the Rapi-Tex
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 Wm
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 Wm
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 Wm
Entamoeba histolytica, human, thin layer immu-
oassay used to demonstrate antibodies, com-
parison with indirect haemagglutination and
immunodiffusion techniques

Immunity, Agglutination
Nutall PA
1980 Lancet London (8175) 1 May 5 873-874 Wm
Toxoplasma, pregnant women, modified haemag-
glutination test used for routine diagnostic
screening, reliable results at low cost

Immunity, Agglutination
Oniki S; Kurakazu K
Japan) 84 (9) Sept 10 1408-1416 Wm
Toxoplasmosis, serum from humans with eye in-
fec tions, 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
[Toxoplasma] gondii as an etiologic agent of
the mononucleosis syndrome, differential diag-
nosia 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 Wm
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 Wm
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 Wm
Trypanosoma cruzi, human, diagnosis, direct
agglutination test, effect of pre-treatment of
test samples with 2-mercaptoethanol, comparison
with result of indirect haemagglutination and
indirect immunofluorescence tests; Brazil

Immunity, Agglutination
Peters M et al
1979 Tropenmed u Parasitol 30 (4) Dec 409-416 Wm
Entamoeba histolytica, human hepatic ab-
cesses, 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 epidemi-
ological 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 Wm
Trichinella pseudospiralis, germfree and con-
ventional mice, course of infection, hematolog-
ical 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
Redulescu S; Meyer EA
1981 Infect and Immun 32 (2) May 852-856 Wm
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 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, 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 spleenectomized bovine calves; failure to infect elk using frozen blood from known bovine carriers

Immunity, Agglutination
Rickman WJ; Cox HW; Thoongsuwan R
1981 Tropenmed u Parasitol 32 (3) Sept 194-196 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
Pasciula 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; Mannweiler E
1981 Tropenmed u Parasitol 32 (3) Sept 194-196 Wa
Cutaneous leishmaniasis, malaria, Chagas' disease, amebiasis, patient sera examined with 5 antigens (Leishmania donovani, Trypanosoma cruzi, Plasmodium fieldii, P. falciparum, Entamoeba histolytica) in indirect fluorescence 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
Schwartz 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
Schmunis GA et al
Echinococcus granulosus, Tenaia solium, confirmed human cases, indirect hemagglutination tests using both homologous and heterologus antigens, cross-reactions with sera; immunoelectrophoresis or double diffusion tests with E. granulosus antigens, Echinococcus specific recognitzation in 11 of 21 hydatidosis sera and in 1 of 20 cysticercosis sera

Immunity, Agglutination
Schwartz DB et al
1980 Indian J Med Research 68 Sept 423-427 Wa
Entamoeba histolytica antigen, fractionation and chemical analysis, haemagglutinating and precipitating activity

Immunity, Agglutination
Senet JM; Robert R
1979 Arch Med Off Quesit 11 (1) Jan 39-42 Wm
toxoplasmosis, diagnosis using the indirect hemagglutination test

Immunity, Agglutination
Shamsuddin N; Chalicea W; Artavasishtha N
Brugia malayi-infected human sera, diagnosis, prevalence of passive hemagglutination test using adult Dirofilaria immitis antigen, preparation of antigen

Immunity, Agglutination
Sharma P; Prasad BN; 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
ELISA, Echinococcus granulosus, 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, DS et al 1980 J Ass Physicians India 28 (5-6) May-June 119-123 Wa
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
Wuchereria bancrofti, Brugia malayi, human, immunodiagnosis, indirect haemagglutination technique using Brinlia boliati as antigen: Peninsular Malaysia

Immunity, Agglutination
Tello Ρ 1980 Tropenmed u Parasitol 31 (4) Dec 459-466 Wa
filaria, echinococosis, 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 counterimmunoelctrophoresis. ELISA was most sensitive but least specific method

Immunity, Agglutination
Tandon A; 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 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
Tass 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 scolecites

Immunity, Agglutination
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
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
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 Wm
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 Wm
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; Fallacis MG; Rubiolo E
1979 Acta Physiol Latinoam 29 (4-5) 263-270 Wm
Trypanosoma cruzi, humans, detection of humoral immune response, solid-phase micro-radioimmunoassay test, comparison with complement-fixation, indirect haemagglutination, and immunofluorescent 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 München Tierarztl Wchnschr 93 (14) Julv 15 261-264 Wm
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 E; Sharman GAM
1980 Research Vet Sc 29 (1) Julv 36-40 Wm
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
Bacalbaña M; 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 Wm

Ixodes holocyclus, salivary glands, morphology and histochemistry, evidence concerning origin of paralysing 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 Wm

Ascaris suum, respiratory hypersensitivity to parasite extract in guinea pigs sensitized by aerosol

Immunity, Allergy

Schistosoma mansoni, rats, evidence for participation of anaphylactic antibodies in antibody-dependent cell-mediated cytotoxicity to schistosomes (IgG-macrophage interaction and IgG2a-cosinophil 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 Wm

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 mechanisms, 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 hyper eosinophilic 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

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
Chenery WA 1981 J Parasitol 67 (1) Feb 15-19 Wm

Dirofilaria immitis: Oahu, Hawaii, classification according to immuno-sensitivity (enzyme-1 inked immunosorbent assay; no immunity to 2nd nymphal instars developed

Immunity, Allergy
Chenery WA 1981 J Immunol 127 (1) July 166-173 Wm

Nippostrongylus brasiliensis, induction of FeRe receptors for IgE and IgG 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
Centurier C; Weiland G; Seubert S 1981 Berlin Munchen Tierarztl Wchnschr 94 (11-12) June 1 238-241 Wm

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 molting 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
Chenery WA 1981 J Parasitol 67 (1) Feb 15-19 Wm

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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 vitaeae, 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 vitaeae, antibody-dependent adhesion of peritoneal exudate cells to microfilariae in vitro

Immunity, Antibody-dependent cell-mediated
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
Trypanosoma 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, 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
Trypanosoma brucei, nucleotide sequence data which suggest that primary translation product of one variant surface glycoprotein gene contains hydrophobic tail at carboxyl terminus which is not found on isolated mature glycoprotein, data also predict that glycosylated residue is aspartic acid rather than anticipated asparagine

Immunity, Antigenic variation
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 76B (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
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
Dobenski 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 Exp Parazitol 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 SL; 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 NJ; Joshua RA; White RG
1981 Tr Roy Soc Trop Med and Hyg 75 (1) 149 Wa
Trypanosoma brucei in Callus 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 (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 MJ; 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, schizont-infected cell agglutination test, indirect immunofluorescence antibody test, and electron microscopy with ferritin-labeled antibodies

Immunity, Antigenic variation

Hudson EM; Taylor AER; Elce RJ
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 AJE
1981 Clin and Exper Immunol 45 (3) Sept 627-632 Wa
Plasmodium chabaudi-infected normal, T cell-deprived, or nude mice, pattern of parasitemia, 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 Wa
Trypanosoma rhodesiense, use of monoclonal antibodies to probe molecular basis for charge heterogeneity in variant-specific surface coat glycoprotein

Immunity, Antigenic variation

McCorm AA; Trigg PJ
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, radiolmmunoassay of variant surface glycoproteins from organisms grown in vitro and in vivo

Immunity, Antigenic variation
Magnus E; Vervoort T; Van Meirvenne N
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 Parasitology 82 (1) Feb 63-80 Wa
Trypanosoma brucei, two variant surface glycoproteins have conserved C-terminus

Immunity, Antigenic variation
Merritt SC
1980 Molec and Biochem Parasitol 1 (2) Apr 97-105 Wa
Trypanosoma brucei gambiense, mRNA coding for variant specific antigen, purification (from total trypanosomal nolyribosomes 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 congolense, 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 Wa
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; Rissee NJ
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 (3) 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 BITT-negative to BITT-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 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) 210-218
Trypanosoma congolense strain cloned, passaged through tsetse fly, and subsequently cloned, relapsing infection was associated with change of one major glycoprotein spectrotpe to second spectrotpe, these variant surfac glycoproteins may be products of sequeantially expressed genes

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

Immunity, Antigenic variation
Schlaeppi B; Jenni L 1977 Acta Trop 34 (1) 43-51
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 EC 1980 Ohio State Univ Biol Colloq (5) 131-143
Trypanosoma brucei, 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 SE; Young JR 1981 J Biol Chem 256 (4) 1495-1498
Trypanosoma brucei, messenger RNA encoding variable surface antigen, new immunochemical method for purification

Immunity, Antigenic variation
Snary D 1978 Exp Parasitol 49 (1) 68-77
Trypanosoma cruzi, antigenic invariance of cell surface glycoprotein

Immunity, Antigenic variation
Strickler JE; Patton CL 1980 Proc National Acad Sc 77 (3) 1529-1533
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) 583-591
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
Trypanosoma vivax, trypanomastigote 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
new evidence that antigenic variation in trypanosomes is controlled by genetic rearrangement, brief review

Immunity, Antigenic variation
Voorwoert T; Wensink E; Van Meervenne N 1978 Ann Soc Belge Med Trop 58 (3) Sept 177-183
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
Voorhels RP; Martin BR 1980 European J Biochem 113 (1) 215-227
Trypanosoma brucei, 'well 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
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 (presumption) 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
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
Trypanosoma brucei, analyses of variable antigen gene rearrangements
Immunity, Antigens [See also Immunity, Antigenic variation]

Immunity, Antigens
Aboye AA
Wm
Entamoeba histolytica (Ibadan strain), evaluation of the absorption spectra of antigens using ultraviolet absorption spectroscopy

Immunity, Antigens
Abrahamsohn TA; 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 Ζ; Aikawa Ζ
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
Avraham 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
Bronzina AA; B'Alessandro A; Segura EL
1980 Medicina Buenos Aires 40 (4) July-Aug 428-432
Wa
Plasmodium falciparum, in vitro propagation for merozoite antigens with yields sufficient for experimental vaccine studies

Immunity, Antigens
Brown KN et al
1980 Bull World Health Organ 58 (3) 449-457
Wm
Trypanosoma rangeli, T. cruzi, antigenic differentiation; 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, CM1 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; B'Alessandro A; Segura EL
1980 Medicina Buenos Aires 40 Suppl (1) 45-49
Wm
Plasmodium falciparum, in vitro propagation for merozoite antigens with yields sufficient for experimental vaccine studies

Immunity, Antigens
Brown KN et al
1980 Bull World Health Organ 58 (3) 449-457
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
Calderon J; Munoz ML; Acosta HM
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 C1q 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; 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 etiology 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
Carson CE; Colley DG
1981 Molec Immunol 18 (3) Mar 219-225 Wa
Schistosoma japonicum, soluble egg antigens, separation by Coo 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 malaria 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 helminthic 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 Liromosoides 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
Chebushev 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 metacestodes

Immunity, Antigens
Chinery WA
1981 J Parasitol 67 (1) Feb 15-19 Wa
Haemaphysalis longicornis, Rhipicephalus 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
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 Immum 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-
immunoperoxidase 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 precip-
itation 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, im-
munopathological aspects: course of infec-
tion, 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 Parasitology 83 (2) Oct 303-317 Wa
Litemosoides carinii, host or host-like anti-
gens are present on adults and microfilariae
from Sigmodon hispidus and Mastomys natalensis

Immunity, Antigens
Craig PS; Rickard MD
1981 Parasitology 83 (2) Oct 303-317 Wa
Echinococcus granulosus, sheep, murine hybrid-
oma-derived antibodies in processing of anti-
gens for immunodiagnosis

Immunity, Antigens
Craig PS; Rickard MD
1980 Tropmed u Parasitol 32 (3) Sept 161-164 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
Deelder AM; Dozy MH
1980 Acta Leidensia 48 17-22 Wa
Trichinella spiralis, use of peroxidase-
immunoassay: Surinam

Immunity, Antigens
Deelder AM; Dozy MH
Schistosoma mansoni, children vs. adults, ap-
plicability 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 polysaccha-
drides: characterization, immunological
responses in mouse, hamster, and human infec-
tions, involvement in production of specific
antibodies and in circulating antigen-antibody
complexes, fate in body of host

Immunity, Antigens
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Immunity, Antigens
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Immunity, Antigens

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agglutinating antibody response, response in
skin tests)

Immunity, Antigens

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Immunity, Antigens

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Immunity, Antigens

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Immunity, Antigens

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Immunity, Antigens

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Immunity, Antigens

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Immunity, Antigens

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mainly in high molecular weight fraction of
culture supernatant

Immunity, Antigens

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Immunity, Antigens

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Immunity, Antigens

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Immunity, Antigens

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Immunity, Antigens

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activities and cross-reactivities by single-
tube kinetic-dependent enzyme-linked immuno-
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Immunity, Antigens

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Immunity, Antigens

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Schistosoma mansoni schistosomula, identifica-
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Immunity, Antigens

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Immunity, Antigens

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Immunity, Antigens

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Immunity, Antigens

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Immunity, Antigens

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Immunity, Antigens

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Immunity, Antigens

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Immunity, Antigens

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Immunity, Autoimmunity

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Immunity, Autoimmunity
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Wm
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Immunity, Autoimmunity
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Immunity, Autoimmunity
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Immunity, Autoimmunity
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Immunity, Autoimmunity
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Immunity, Autoimmunity
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Immunity, Autoimmunity
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Immunity, Autoimmunity
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Immunity, Autoimmunity
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Immunity, Autoimmunity
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Immunity, Autoimmunity
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Immunity, Autoimmunity
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Wm
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Immunity, Autoimmunity
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1980 J Immunol 124 (1) Jan 121-125
Wm
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Immunity, Autoimmunity
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1979 Trop Dis Research Ser (1) 259-271
Wm
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Immunity, Autoimmunity
Paes RAP; Ueda M; Gordinho RS
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Wm
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Immunity, Autoimmunity
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Immunity, Autoimmunity
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1980 Exper Parasitol 49 (1) Feb 97-105
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Immunity, Autoimmunity
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Immunity, Autoimmunity
Ribeiro dos Santos R; Hudson L
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
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1980 J Parasitol 66 (1) Feb 28-33
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Immunity, Autoimmunity
Rinaldi Z; Avraham H; Sulitzeanu D
1981 J Parasitol 67 (2) Apr 159-163
Wa
Trypanosoma brucei rhodesiense, rats, interactions of immunoconglutinin and immune complexes in cold autohemagglutination

Immunity, Autoimmunity
Rinaldi 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
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1979 6 Internat Convoc Immunol 262-267
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Immunity, Autoimmunity
Santis-Borda L et al
1981 European J Pharmacol 69 (1) Jan 5 1-10
Wa
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Immunity, Autoimmunity
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Immunity, Autoimmunity
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Immunity, Autoimmunity
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Immunity, Autoimmunity
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Immunity, Autoimmunity
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1979 Acta Paediat Latina 32 (2) Apr-June 157-164
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Immunity, Autoimmunity
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Thai adults, cold-reactive anti-lymphocytotoxic
antibodies in sera, may play role in modulating
immune response of patients toward malaria

Immunity, Autoimmunity
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retinochoroiditis vs. seropositive and sero-
negative controls, antibody titers, in vitro
lymphoproliferative responses to toxoplasmal
and retinal antigens, observations raise possi-
bility of autoimmune component in pathogenesis
of relapses in toxoplasmal retinochoroiditis

Immunity, Autoimmunity
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autoantibodies

Immunity, Cell-mediated
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Immunity, Cell-mediated
Abdel-Salam E et al
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blast transformation responses, effect of niri-
dazole therapy, evidence of disturbed cell-
mediated immunity

Immunity, Cell-mediated
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hypersensitivity in mice treated with
Mycobacterium bovis BCG and cyclophosphamide

Immunity, Cell-mediated
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1980 Ann Trop Med and Parasitol 74 (3) June 369-
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treated immune-depressed mice were more sus-
tible to infection which indicates presumed
role of cellular and humoral immunity in giar-
diasis

Immunity, Cell-mediated
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Bihar

Immunity, Cell-mediated
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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 para-
cortex of draining lymph nodes

Immunity, Cell-mediated
Allison AC; Eugui EM
Wa
approaches to vaccines against protozoan para-
sites of cattle, review with emphasis on cell-
mediated immunity in theileriosis

Immunity, Cell-mediated
Allison AC; Eugui EM
Wm
Toxoplasma gondii, human, longitudinal studies
of lymphocyte response to Toxoplasma antigen,
immunodepression seen in some subjects

Immunity, Cell-mediated
Ardelahi S et al
439-443
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 Jap 15 (2) Apr 120-127
Wa
Anisakis-infected guinea pigs and rabbits, 3
types of allergic immunological reactions of
digestive tract induced by larvae, these re-
actions may play main role in clinical symp-
toms of human anisakiasis

Immunity, Cell-mediated
Banerjee DP et al
1981 Tropenmed u Parasitol 32 (2) June 105-108
Wa
Anaplasma marginale, cattle, vaccinated in-
fected and non-vaccinated infected (carrier)
animals, cell-mediated immune response as-
essed 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 Exp Parasirol 50 (3) Dec 409-416
Wa
Schistosoma mansoni, plasma of resistant Biom-
halaria 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 cyto-
toxic 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 microfilariae: culture medium in which microfilariae maintained motility for 44 days and 3 hours

Immunity, Cell-mediated
Benex JJ; Jacobelli G 1980 Bull Soc Path Exot 73 (2) Mar-Apr 206-213 Wa cellular immunity of schistosomiasis molluscan vectors, (Schistosoma 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, rates, 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 immunopotentiation of delayed-type hypersensitivity against BCG, dose dependence

Immunity, Cell-mediated
Boros DL; Lade MA; Garrick 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 immun response (immunglobulins; role of antibodies in host resistance; spleen and host resistance; complement; interferon); cell-mediated immune response (tests in vitro; delayed hypersensitivity; CM 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 energy 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
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 T; 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
Capron A; Brener Z 1979 J Immunol Microbiol and Infect Dis 33 (2) Aug 269-294 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
Chiao JW; 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
Charnez G; Bastia R
1979 Bull Soc Path Exot 72 (4) July-Aug 319-324 Wa
Plasmodium 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 Exp 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 Wa
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 MG; Cross JH
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 discausa, 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 6th Internat Convoc Immunol 268-273 Wm
Schistosomiasis, immunopathology and immune regulation, review.

Immunity, Cell-mediated
Corsini AC; Oliveira LOP; Costa MG
1980 Tropmed u Parasitol 32 (2) June 82-86 Wa
Trypanosoma cruzi strain Y, susceptible and resistant mice, unimpaired delayed type hypersensitivity reactions.

Immunity, Cell-mediated
Corsini AC; Vilela MMS; Pfriedrabauna AE
1981 Tropmed 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 RJ; 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 RJ; 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 Wm
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, dialysable leukocyte extract therapy in immunodepressed patients.

Immunity, Cell-mediated
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, Cell-mediated
De Waele M; Thielemans C; Van Camp B
Toxoplasma gondii-infected patients, 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 Assoc 61 (3-4) 253-262 Wm
Schistosomiasis, patients with simple urinary hemobiosis, 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-hemolysis blast transformation rate, evidence of eosinophilia)

Immunity, Cell-mediated

El-Hawey AM; Abdel-Wahab KE; Saber MA
1978 J Egypt Med Assoc 61 (3-4) 253-262 Wm
Schistosomiasis, 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

Ellner J et al
1981 J Immunol 126 (1) Jan 309-312 Wm
Schistosomes 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 Raelky KH et al
Schistosoma mansoni and S. haematobium-infected patients vs. subjects from nonendemic areas, 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 Sci 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 WJ
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

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 asteroids

Immunity, Cell-mediated

Francis DH; Buening GM; Amerault TE
Anaplasma marginale, cattle, evaluation of immune response and protective capacity of dodecanoic 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 MW; Greenblatt CI
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

Fuca R; Barcinski WA
1981 J Parasitol 67 (4) Aug 463-467 Wa
Herpetomonas samuellipessoai, dependence on macrophages of guinea pig T-cell immune response, demonstration of cross-reactivity at cellular level between H. samuellipessoai 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; Mahsoud 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, phytohemagglutinin-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
Toxoplasma gondii-infected mice, delayed hypersensitivity responses 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 cuttle test and leukocyte stimulation, correlation of CMI with disease resistance

Immunity, Cell-mediated

Gorczyński SM 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 IgG 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 Immunoemotol 25 (5-6) 207-222
Wm
Toxoplasma gondii, rats, indications that immune response is both humoral and cellular

Immunity, Cell-mediated

Green WP; 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 C57 mice, histopathology, humoral and cellular immune responses

Immunity, Cell-mediated

Grimaldi GF; Moriearty PL; Hoff R
Wa
Leishmania mexicana in C57 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
Wa
Hymenolepis nana, mice, transfer of acquired immunity through sensitized peritoneal exudate cells

Immunity, Cell-mediated

Gusmao RA; Stanley AM; Oettesen 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; Ruitenbergen EJ; Elgersma A
1980 Parasite Immunol 2 (2) Summer 135-154
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 CJ; Howard JS
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 Wm
Dipetalonema viteae, mice, response of spleen
cells to mitogens and antigens, results unlikely
that generalized immunodepression is major
factor contributing to long survival of D.
viteae in its host

Immunology, 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

Immunology, Cell-mediated
Holmy-Khalil S jr et al
1979 Tropenmed U Parasitol 30 (4) Dec 426-428 Wm
S[chistosoma] mansoni, human, hepato-splenic
disease vs. simple intestinal infection, cell
mediated immunity (CMI) responses assessed using
delayed intradermal and migration inhibition
tests with soluble egg antigens, findings suggest
relationship between CMI responsiveness
and clinical pathological manifestations

Immunology, Cell-mediated
Heron RG et al
1981 J Immunol 126 (1) Jan 59-61 Wm
Pneumocystis carinii antigen, in vitro
proliferative response of lymphocytes from
normal human adults

Immunology, Cell-mediated
Hood AT; Boros DL
1980 Am J Trop Med and Hyg 29 (4) July 586-591 Wm
Schistosoma mansoni, mice, effect of splenectomy
on pathophysiology, humoral and cell-mediated
granulomatous responses, and liver fibrosis

Immunology, Cell-mediated
Hopper KE et al
1981 Clin and Exper Immunol 45 (3) Sept 633-641 Wm
Ketonosides carinii, enhanced adhesion of rat
neutrophils to microfibrils 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

Immunology, Cell-mediated
Houba V
1981 Developments Immunol 14 293-299 Wm
schistosomiasis, human, hypersensitivity re-
sponses with emphasis on their relationship
to clinical manifestations of this disease
and to immunodiagnosis, brief review

Immunology, Cell-mediated
Howard JG; Hale C; Chan-Liew WL
1980 Parasite Immunol 2 (4) Winter 303-314 Wm
Leishmania tropica major, immunogenetic
aspects of susceptibility to infection in
different strains of mice

Immunology, Cell-mediated
Howard JG; Hale C; Liew FY
1980 J Exper Med 152 (3) Sept 1 594-607 Wm
Leishmania tropica, nature and significance of
specific suppression of cell-mediated immunity
in highly susceptible mice

Immunology, Cell-mediated
Howard JG; Hale C; Liew FY
1981 J Exper Med 153 (3) Mar 1 557-568 Wm
Leishmania tropica, prophylactic effect of
sublethal irradiation as result of abrogation of
suppressor T cell generation in genetically
susceptible BALB/c mice

Immunology, Cell-mediated
Hunter KW jr et al
1981 Immunol Letters 2 (4) Jan 209-212 Wm
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

Immunology, Cell-mediated
Ishfaq Mi; Padma MC; Habibullah CM
1980 J Immunol 126 (6) June 2436-2442 Wm
Entamoeba histolytica, adoptive transfer of
immunity to infection by immune spleen cells
in rats

Immunology, Cell-mediated
Jain P; Sawhney S; Vinayak VK
1980 Tr Roy Soc Trop Med and Hyg 74 (3) 347-350 Wm
Babesia gibsoni, in vitro phagocytosis of
parasitized and non-parasitized erythrocytes
in normal or Babesia-immune monocytes incubated
with normal or immune serum and by normal mono-
cytes incubated with Babesia-immune lymphokines

Immunology, Cell-mediated
James SL
1981 Parasitology 83 (1) Aug 147-162 Wm
Schistosoma mansoni, in vitro proliferative
response to living schistosomula by T lympho-
cytes from infected mice

Immunology, Cell-mediated
James SL; Sher A
1980 J Immunol 124 (4) Apr 1837-1844 Wm
Schistosoma mansoni, immune mechanisms that
stimulate mouse leukocyte (eosinophil, neutro-
phil, macrophage) migration in response to
Schistosoma mansoni

Immunology, Cell-mediated
Jenkins DI; Carrington TS
1981 Parasitology 82 (3) Apr 311-318 Wm
Nematodes which, course of primary, sec-
ondary, and tertiary infections in high and low
responder Biozzi mice, results imply that host
antibodies play essential role in immunity to
the parasite and that resistance cannot be at-
tributed solely to non-specific macrophage ac-
tivity 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 intravascular parasite replication, successful use of macrophage cell lines to evaluate control of parasites by lymphocytes and lymphocyte products, review

Immunity, Cell-mediated

Kaushik SP et al
1977 Am J Gastroenterol 68 (1) July 64-70 Wa
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 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

Klesius PH
1981 Advances Exper Med and Biol 137 293-323 Wa
Modulation of cell-mediated responses with dallyzable leukocyte extract containing transfer factor, review, includes information on parasitic diseases

Immunity, Cell-mediated

Klesius PH; Fudenberg PH; Smith CL
1980 Comp Immunol Microbiol and Infect Dis 3 (3) 247-260 Wa
Comparative studies on dallyzable leukocyte extracts containing transfer factor, review, includes some information on parasites

Immunity, Cell-mediated

Komissarenko VG; Shain AA
1981 Voprosy Med and Hyg 74 (4) 522-527 Wa
Trypanosoma cruzi, mice, characteristic of acute phase of disease and no longer detectable during chronic period

Immunity, Cell-mediated

Kwa BH; Mak JW
1980 Tr Roy Soc Trop Med and Hyg 74 (4) 522-527 Wa
Trypanosoma cruzi, mice, characteristic of acute phase of disease and no longer detectable during chronic period

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
Innate Immunity, Cell-mediated
Langbome et al
1979 Trop Dis Research Ser 1 (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

McDonald V; Sherman IW
1980 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

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Immunity, Cell-mediated
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Immunity, Cell-mediated
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phocytes from infected calves, results indi-
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and antibody

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fluorescent antibody test, IgG values, radio-
imunoassay values, opsonization and merozoite
inhibition tests, B and T cell values, lympho-
ocyte transformation test, intradermal skin test

Immunity, Cell-mediated
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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

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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

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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 FK et al
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(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
lymphocyte migration

Immunity, Cell-mediated
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response of peripheral T lymphocytes in vitro)

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loci, course of infection, acquired resistance,
induction of pathologic alteration, model for
spectral disease

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Immunity, Cell-mediated
Tamura T et al
1979 J Cell Dairying Nat Sc (17) 8 (1) Oct 89-98 Wa
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Immunity, Cell-mediated
Taylor DW et al
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Immunity, Cell-mediated
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Immunity, Cell-mediated
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Immunity, Cell-mediated
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Immunity, Cell-mediated
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Immunity, Cell-mediated
Van Dam RH et al
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Immunity, Cell-mediated
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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 abscesses, 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 Wm
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
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Plasmodium berghei-infected mice immunodepressed with cortisone or whole body irradiation, immunodepression afforded protection against parasite
Immunity, Cell-mediated
Wadee AA; Sher R
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Immunity, Cell-mediated
Wakelin D; Donachie AM
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Immunity, Cell-mediated
Weil GJ; Ottesen EA; Powers KG
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Dirofilaria immitis, eggs (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
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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; Weiss N; Tanner M
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Immunity, Cell-mediated
Weller PF; Ottesen EA; Heck L
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1980 Advances Parasitol 18 293-313 Wm
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Immunity, Cell-mediated
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Immunity, Cell-mediated
Wyler DJ et al
1981 J Infect Dis 144 (3) Sept 254-262 Wm
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Immunity, Cell-mediated
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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
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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
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Immunity, Complement fixation
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Immunity, Complement fixation
Amerault TE; Rose JK; Kuttler KL
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Anaplasma marginale, cows, comparative titration of antibodies by card agglutination and complement-fixation tests

Immunity, Complement fixation
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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
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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
Carlier M
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
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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
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Babesia equi, B. caballi, prevalence in horses, comparison of complement fixation and indirect fluorescent antibody tests; Hyalomma anatolicum anatolicum present: Kuwait

Immunity, Complement fixation
Dufus WPH; Wagner GG
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Immunity, Complement fixation
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Immunity, Complement fixation
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Immunity, Complement fixation
Filice C et al
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Immunity, Complement fixation
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Immunity, Complement fixation
Fuchs AP et al
Trypanosoma cruzi, Chagas disease patients, serological diagnostic test results compared (indirect immunofluorescence, indirect hemagglutination, complement fixation, ELISA) with clinical findings

Immunity, Complement fixation
Fuchse 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
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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
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infested with female ticks, development of
acquired resistance and production of
precipitating and complement-fixing antibodies

Immunity, Complement fixation
Furtado T
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nosis, review: detection of organisms, skin
tests, complement fixation, indirect immuno-
fluorescence

Immunity, Complement fixation
Heyberger K et al
1979 Sborn Lekar 81 (11-12) Nov-Dec 347-348 Wm
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nosis, leukocyte adherence inhibition test, results compare favorably with complement fix-
ation and immunofluorescence tests

Immunity, Complement fixation
Hoerchner F; Bofenschen F; Zander B
1979 Tropenmed u Parasitol 30 (3) Sept 265-273 Wm
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 sero-
logy, 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, com-
plement 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
Anaplasma marginale, B. caballi, complement fixation
tests performed on horses destined for inter-
national movement from Great Britain and Ire-
lard 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, compar-
tative 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 immunoflu-
orescence and complement fixation

Immunity, Complement fixation
Luther DG; Cox HV; Nelson WP
Anaplasma marginale, cattle, serological re-
sponses (complement fixation and capillary tube
agglutination tests) following treatment with
gloxazone

Immunity, Complement fixation
McHardy N
1980 Vet Parasitol 7 (4) Dec 287-296 Wa
Toxoplasma gondii, humans, diagnosis, quali-
tative 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 chorioamnionene hormones
excreted in urine

Immunity, Complement fixation
Minami T et al
1980 National Inst Animal Health Quart Tokyo 20
(2) Summer 44-52 Wm
Theileria sergentii, comparison of Japanese and
Russian strains in cattle: morphology, clin-
ic and hematologic findings, transmission by
Haemaphysalis longicornis, serology in comple-
ment 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 sera-
imunological testing of pregnant women in
order to reduce prenatal infections and abor-
tions: Bratislava

Immunity, Complement fixation
PauI NI; et al
1980 Austral Vet J 56 (6) June 267-271 Wa
Anaplasma marginale, B. indicus-cross calves, epide
miologic aspects in 2 endemic areas, clin-
ic, 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.
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, Complement fixation
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, Complement fixation
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, Complement fixation
Rugal E et al.
1979 Rev Inst Adolfo Lutz 39 (1) June 1-3 Wa
Trypanosoma cruzi, in vitro technique for preparing methylcyclohexyl antigen for complement fixation test

Immunity, Complement fixation
Salzfelder 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, Complement fixation
Siau W
1980 Ztschr Parasitenk 62 (1) 1-6 Wa
Mycobolus exiguus, lyophilized antigens injected into rabbits and Mugil cephalus, presence of antibodies in serum evaluated by several immunologic techniques

Immunity, Complement fixation
Soule C; Chevrier L; Dorchies P
Wa
Babesia equi, B. caballi, horses, serological diagnosis using complement fixation microtechnique

Immunity, Complement fixation
Spencer HC et al.
Wa
Trypanosoma cruzi, human, serodiagnosis, evaluation of micro enzyme-linked immunosorbent assay, comparison with complement fixation and indirect fluorescent antibody tests

Immunity, Complement fixation
Staff C; Kelley S
1979 Tropenmed u Parasitol 30 (3) Sept 283-286
Wa
Trypanosoma-infected cattle under controlled drug regimes, complement fixation test assessment showed that therapy was insufficiently effective: Kenya

Immunity, Complement fixation
Taber E 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, 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 immunological tests, treatment recommendations

Immunity, Complement fixation
Todero CO et al.
Anaplasma marginale, cattle, diagnosis, enzyme-linked immunosorbent assay, comparison with card test and complement fixation test

Immunity, Complement fixation
Thomas V; Ogunha 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 Wm
Echinococcosis, patients operated on for pulmonary infections, diagnostic value of 5 immunological tests compared

Immunity, Complement fixation
Todorov T et al.
1979 Bull World Health Organ 57 (5) 741-750 Wm
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, Complement fixation
Todorov T; Stoianov G
1979 Bull World Health Organ 57 (5) 751-758 Wm
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
Trypanosoma cruzi, dogs, serological survey using complement-fixation and direct-agglutina-
tion tests: southeastern United States

Immunity, Complement fixation
Vottero-Cima E; Failacci MG; Rubicolo E
1980 Acta Physiol Latinoam 29 (4) 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
1980 Infect and Immun 29 (1) July 186-193 Wa
Approximately 100000 sheep, 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, Congenital
See Immunity, Native;
Immunity, Passive

Immunity, Cross-immunity
See Immunity, Complement fixation;
Immunity, Cross-reactions

Immunity, Cross-reactions
Anders JW; Richmond JA; Sulzer AJ
 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 immuno-fluorescence, 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 184-190 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
Echinococcus granulosus, Fasciola hepatica, PI antigen sharing may be responsible for hydatid indirect hemagglutination test cross-reactivity in PI-negative individuals

Immunity, Cross-reactions
Bottone U; Orlandi M
[1980] Riv Parasitol 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 Tzschbr 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
Treponema saginata, use of 'crude' antigen in micro-enzyme-linked immunosorbent assay for diagnosis of T. saginata cystercerosis in cattle (nat. and exper.), cross-reactions with sera from cattle harbouring other common parasites particularly Fasciola hepatica

Immunity, Cross-reactions
Cursons RTM; et al
1980 Infect and Immum 28 (7) Aug 408-410 Wa
Nemegleria 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
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 293-307 Wa
Taenia saginata cysticercosis in cattle (nat. and exper.), diagnosis, comparative evaluation of immunoelectrophoresis, counter immunoelectrophoresis, 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
Taenia saginata cysticercosis, cattle (exper.), rapid diagnosis using counter immunoelectrophoresis, 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 SS 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 PA; 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, I3C-NMR shift dependence on structure of D-galactose to D-mannose linkage, resemblances only to minor polysaccharide components of Herpetomonas samuellipsoa 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 263-269 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-reactive 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, Thelieeria 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; Weldanz WF
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. yoelli or P. berghei

Immunity. Cross-reactions
Guimaraes MCS et al
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 metacestode 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 LDS; Sewell MHE
1981 Research Vet Sc 31 (1) July 62-64 Wa
Taenia saginata, cattle, comparison of T. saginata proglottid extract, T. saginata metacestode excretory/secretory products, and T. crassiceps metacestode 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 DW; Vannier WE; Chesnut RE
1980 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; Verna 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-MSA) reacted with schistosome eggs forming circumoval precipitate, precipitate was seen when anti-MSA was incubated with S. mansoni, S. haematobium, and S. japonicum eggs

Immunity, Cross-reactions

Hillyer GV; Sagramoso de Ateca L
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 chemotherapy success; F. hepatica antigens cross react with antisera to S[schistosoma] mansoni adult worms or eggs

Immunity, Cross-reactions

Holden 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
Nematospirides 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
Opisthorchis viverrinii, 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
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 NW
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

Kreus A; Kloosterman A; van den Brink R
1981 Vet Parasitol 8 (3) July 229-236 Wa
Coopera 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
Filariasis, large animals, diagnosis, evaluation of intradermal test using Dirofilaria immitis as antigen

Immunity, Cross-reactions
Khan WA
1981 Canad Vet J 22 (2) Feb 36-41 Wa
Hypoderma spp., cattle, rabbits, and guinea pigs (all exper.), diagnosis, intradermal test using N. luteatum 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 immunological cross-reactivity between these two proteins

Immunity, Cross-reactions
Kohanteb J; Ardehali S; Rezai HR
1980 Tr Roy Soc Trop Med Hyg 74 (5) 582-584 Wa
Leishmania spp. promastigotes, antigenic relationships determined using electroimmunodiffusion and crossed electroimmunodiffusion tests

Immunity, Cross-reactions
Labastie MC et al
1981 Biochem and Biophys Research Commun 99 (2) Mar 31 729-732 Wa
Trypanosoma equiperdum, variant specific glycoproteins, cross reacting determinants and chemical studies

Immunity, Cross-reactions
Le Bras J et al
Dracunculus medinensis, infected human serum, specific antibody pattern without cross reaction 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 helminthes (immunization with irradiation-stiminated helminthes, with antigen deposits, and with in vitro-produced metabolites, isolation and characterization of functional antigens, non-specific immunization, heterologous 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 Cryptobia sp. as antigen in immunofluorescence test

Immunity, Cross-reactions
Mackenzie PK; 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 Rhizophalus 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 specifcity using fraction containing S. mansoni egg antigens \( \omega_1 \) and \( \omega_2 \) (specificity of 100% with respect to non-schistosome infections and cases of avian- and mammalian infections respectively)

Immunity, Cross-reactions
McMahon Pratt D; Davis JR
Leishmania brasiliensis, 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 leishmaniasis as well as for direct diagnosis of leishmaniasis

Immunity, Cross-reactions
Makwana 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

Immunity, Cross-reactions
Michael SA; El Refaii AHH; 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, Cross-reactions
Muller 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 GB; Armour J
1981 Research Vet Sci 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, 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, 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, Cross-reactions

Mosca W et al
1979 Acta Cienc Venezolana 30 (4) 401-404 Wa
Chagasic patients without evidence of cardiomypathy, lymphocyte blastogenesis when challenged with Trypanosoma cruzi, Leishmania braziliensis and BCG antigens, no significant cross-reactivity nor immunosuppression demonstrated

Immunity, Cross-reactions
Murphy JR
1980 Infect and Immn 27 (1) Jan 68-74 Wa
Plasmodium yoelii, mice, immunological characteristics of protracted state of immunity; little evidence of heterologous immune 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
Oncocerca 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 test with Ascaris lumbricoïdes somatic antigen also

Immunity, Cross-reactions
Niederkorn JY; Shadduck 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
Nilesom 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 mitavi (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
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, Cross-reactions
Powell C; Mathaba LT
Trypanosoma rhodesiense, sheep inoculated with homogenate vs. sheep inoculated with 'fraction 3', IgG and IgM antibody response, degree of immunoprotection against challenge with T.[trypanosoma] vivax

Immunity, Cross-reactions
Rao YYG et al
1980 Indian J Med Research 72 July 47-52 Wa
Wuchereria bancrofti, Litomosoides carinii, demonstration of shared antigens, countercurrent immuno-electrophoresis 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 trypanostigote 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. vitriiceps, and R[hodnius] neoglectus, 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 JB; 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; Brunley J1
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
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
Leishmania tropica major, human, cutaneous leishmaniasis, diagnosis, enzyme-linked immuno-sorbent assay using homologous antigen, equally useful in diagnosing visceral (L. donovani) and mucocutaneous (L. braziliensis and L. t. major) forms, cross reactions with sera from patients with Trypanosoma brucei gambiens, leprosy, and tuberculosis

Immunity, Cross-reactions
Rothwell TLW
1981 J Parasitology 67 (4) Aug 592-593 Wa
Trichostrogylus colubriformis, lack of cross-protection in guinea pigs vaccinated with other Trichostrogylus spp, or other nematode genera, protection stimulated only by injection of antigens from homologous species

Immunity, Cross-reactions
Rodman 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 immuno-sorbent 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 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 Wa; 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
Echinococcus granulosus, Taenia solium, confirmed human cases, indirect hemagglutination tests using both homologous and heterologous antigens, cross-reactions with most sera; immunelectrophoresis or double diffusion tests with E. granulosus antigens, Echinococcus-specific arcs 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
1978 Indian J Med Research 68 Sept 423-427 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 425-427 Wa
Entamoeba histolytica, human, diagnosis, presence of other intestinal parasites does not appreciably influence outcome of indirect hemagglutination test for amoebic cypoantibodies when standard axenic E. histolytica antigen is used

Immunity, Cross-reactions
Shirley MW; Hoyle SR
1980 J Parasitology 66 (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
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 SE 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
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
De Souza MCM; Mizuta K; Ikemoto H
Herpetomonas samuelpessoa, extraction, purification, and characterization of exoantigen capable of immunizing mice challenged with Trypanosoma cruzi

Immunity, Cross-reactions
Speiser F
1980 Tropenned u Parasitol 31 (4) Dec 459-466 Wa
Filariaasis, 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, Cross-reactions
Spencer HC et al
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; Busch PF
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) passed through mice and rats provided cross-immunity to E. nieschulzi (rats) and E. falci-formis (mice). E. contorta probably not a valid species
Immunity, Cross-reactions
Weiss RJ; Speiser PJ; Hussain R
1981 Acta Trop 36 (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 antigens

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 C
Plasmodium berghei cloned and uncloned lines, antigenic characterization of 6 recurrences 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
Wyman 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
Zapot S; 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 RK
toxoplasmosis, human, diagnosis, enzyme-linked immunosorbent assay

Immunity, Diagnosis
Adorjai E; Medori MG; Zardi O
1980 Biochem and Exper Biol 16 (3) 315-316 Wa
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
Abrego A et al
S. equinus, humans, diagnosis, indirect fluorescent antibody test using dried blood on filter paper, incidence in different provinces, age groups, and sexes: Iraq

Immunity, Diagnosis
Al-Alousi TI; Latif RMA; Al-Shenawi FA
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
Ambrose-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
Ambrose-Thomas P; Daveau C
Wa
Onchocerca volvulus and other human filariasis,
current immunological findings, emphasis on
ELISA test in diagnosis of onchocerciasis,
review, colloquium presentation

Immunity, Diagnosis
Ambrose-Thomas P; Desgeorges P; Boudjouka M
1980 Bull Soc Path Exot 73 (1) Jan-Feb 89-99 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
Amerault TE et al
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-
currence in raw meat eaters was statistically
verified, Toxoplasma infection may prove to be
significant etiological factor for abortion

Immunity, Diagnosis
Anderson JP; Magnarelli LA; Sulzer AJ
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 JP; 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, postpe-
necromy, 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 infected with
Ixodes Texas; Dhabacu variabilis; D. dammini, and I. cokorei also found on rac-
coons: Connecticut, USA

Immunity, Diagnosis
Anthony RL; Christiansen 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
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
Trypanosoma 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 Immn 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 Wm
Toxoplasma gondii, antigenemia in patients with
recently acquired acute toxoplasmosis, detec-
tion by enzyme-linked immunosorbent assay

Immunity, Diagnosis
Aspoeck H
1980 Mod Lab 53 (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 F; Sanchez Concheiro M; Dominguez
Pere JR
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-
dinated protein A
Immunity, Diagnosis
Aly 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 radiiodinated staphylococcal protein A

Immunity, Diagnosis
Bahr G; Modabber FZ
1980 J Immunol Methods 38 (3-4) 205-216
Wm
simplified immunoperoxidase technique as approach for immunodiagnosis, used to detect immune response of rabbits infected with human hydatid fluid

Immunity, Diagnosis
Baldelli B et al
1978 Parasitologia 20 (1-3) Dec 91-99
Wa
Leishmania donovani, human, diagnosis, enzyme-linked immunosorbent assay

Immunity, Diagnosis
Balfour AH; Bridges JB; Harford JP
Wa
Toxoplasma gondii, evaluation of ToxHA test for detection of antibodies in human serum, comparison with dye test

Immunity, Diagnosis
Balsari A et al
Wa
Toxoplasma gondii, enzyme-linked immunosorbent assay for antibody detection, comparison with other serodiagnostic tests

Immunity, Diagnosis
Ben-Ismail R et al
Wa
Echinococcus granulosus, Fasciola hepatica, PI antigen sharing may be responsible for hydatid indirect hemagglutination test cross-reactivity in PI-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
Wa
Plasmodium falciparum, diagnosis, enzyme-linked immunosorbent assay tested in infected and uninfected monkeys, method useful but less sensitive than conventional blood-film examination

Immunity, Diagnosis
Bilgics PM; 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
Blumenkrantz RJ; Sheehan DJ; LeLeiko NS
Wa
Entamoeba histolytica, human, false-positive reactions in counterimmunoelectrophoresis test

Immunity, Diagnosis
Boccon K et al
1981 Trop Enmed u Parasitol 32 (2) June 109-114
Wa
Trichinella spiralis, human, diagnosis, evaluation of enzymatic and immunological tests (activity of LDH and its isoenzymic fractions; indirect immuno-fluorescence test; latex agglutination test; bentonite flocculation test)

Immunity, Diagnosis
Bottone U; Orlandi M
Wm
Toxocara canis, Ascaris suum, rabbits (exp.); diagnosis, peritoneal cell adherence reaction test, cross-reactions observed

Immunity, Diagnosis
Broadbent ED; Ross R; Hurley R
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
Wa
Toxocara canis, Ascaris, children, diagnosis of visceral larva migrans, immunological tests compared with other methods

Immunity, Diagnosis
Caliliez 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
Wm
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
Wm
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
Wm
filariasis, humans, diagnosis, basophil dermagra
granulation 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) 313-318
Wa
Toxoplasma gondii, immuno-electron microscopic localization of antigenic sites for specific IgG and IgM on parasite surface, possible practical application

Immunity, Diagnosis
Caroosi G; Kartofiggus KT; Grove DI 1981 Tr Roy Soc Trop Med and Hyg 75 (3) 706-709
Wm
Strongyloides stercoralis, human, serodiagnosis, enzyme-linked immunosorbent assay with S. ratti antigen, comparison with indirect immunofluorescent assay

Immunity, Diagnosis
Caruso LB 1980 Am J Med Tech 46 (6) 386-399
Wm
Toxoplasma gondii, indirect hemagglutination test (IHA) compared qualitatively and quantitatively to indirect fluorescent antibody test (IFAT) for detection of antibodies, IHA technique recommended over IFAT 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) 150-155
Wm
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
Wm
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 tube test vs. indirect haemagglutination test or Casoni's skin test

Immunity, Diagnosis
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 54-61
Wm
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 1981 Pediatriaia Moskva (2) 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) 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) 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
Wm
Cysticercus celluloseus (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) 759-767
Wm
Schistosoma mansoni, S. haematobium, humans, cutaneous localization, granulomatous popular 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) 1220-1222
Wm
Oschocerca 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
Trichi nella spiralis, diagnosis, micro precipitation test performed on human and animal sera, comparison of frozen, lyophilized, and live antigen

Immunity, Diagnosis
Craig PS; Rickard MD
1981 Brit Med J (6303) 283 Nov 21 1349-1350 Wa
Entamoeba histolytica, immune reactions between sera from cattle harbouring other common parasites particularly Fasciola hepatica

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
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Immunity, Diagnosis
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Immunity, Diagnosis

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Immunity, Diagnosis

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Immunity, Diagnosis

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Immunity, Diagnosis

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Immunity, Diagnosis

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Immunity, Diagnosis

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Immunity, Diagnosis

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Immunity, Diagnosis

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Immunity, Diagnosis

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Immunity, Diagnosis

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Immunity, Diagnosis

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Immunity, Diagnosis
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Immunity, Diagnosis
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Immunity, Diagnosis
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Immunity, Diagnosis
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Immunity, Diagnosis
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Immunity, Diagnosis
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Immunity, Diagnosis
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Immunity, Diagnosis
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Immunity, Diagnosis
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Immunity, Diagnosis
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Immunity, Diagnosis
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Immunity, Diagnosis
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Immunity, Diagnosis
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Immunity, Diagnosis
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Immunity, Diagnosis
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Immunity, Diagnosis
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of feces-urine mixture better than immuno-
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Immunity, Diagnosis
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Immunity, Diagnosis
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Immunity, Diagnosis
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results compare favorably with complement fix-
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Immunity, Diagnosis

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Immunity, Diagnosis

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Theileria antigens, isolation, characterization, and fractionation, use with the passive hemagglutination test to diagnose infections in cattle

Immunity, Diagnosis

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Immunity, Diagnosis

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Immunity, Diagnosis


Fasciola hepatica, rabbits, comparison of counterimmunoelectrophoresis, Ouchterlony immunodiffusion, and indirect hemagglutination for detecting infection and determining chemotherapeutic success

Immunity, Diagnosis

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new advances in immunodiagnosis of parasitic infections, enzyme-linked immunosorbent assay

Immunity, Diagnosis

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Immunity, Diagnosis

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Immunity, Diagnosis

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Immunity, Diagnosis

Hu X et al

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Immunity, Diagnosis

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Immunity, Diagnosis

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Immunity, Diagnosis

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Immunity, Diagnosis

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Immunity, Diagnosis


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Immunity, Diagnosis

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Immunity, Diagnosis

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Immunity, Diagnosis
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Immunity, Diagnosis
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Immunity, Diagnosis
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Immunity, Diagnosis
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Immunity, Diagnosis
Janitschke K et al
Schistosoma mansoni, 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
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Immunity, Diagnosis
Johnston LAY et al
1980 Austral Vet J 56 (3) Mar 116-118 Wa
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Immunity, Diagnosis
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Immunity, Diagnosis
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Immunity, Diagnosis
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Immunity, Diagnosis
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Immunity, Diagnosis
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Immunity, Diagnosis
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African trypanosomiasis, humans, diagnosis, enzyme linked immunosorbent assay vs. immunoperoxidase technique

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Immunity. Diagnosis
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Leishmania donovani, human visceral infection, diagnosis, microplate enzyme linked immunosorbent assay

Immunity. Diagnosis
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malaria, development and validation of enzyme linked immunosorbent assay, immunodiagnostic and seroepidemiological value, comparison with indirect immunofluorescence antibody test

Immunity. Diagnosis
Robert R; Chabasse D; Hocquart P 1981 Biomedicine Express 35 (2) May 61-65 Wa
antitoxoplasma IgM detection by indirect immunofluorescence antibody test and passive hemagglutination test, diagnostic errors can be avoided by using protein A of Staphylococcus aureus to eliminate IgG from serum being tested

Immunity. Diagnosis
Trypanosomiasis brucei gambiense, chronic infection, Nigerian student, diagnosed by computerized axial tomography and immunofluorescence: Oklahoma

Immunity. Diagnosis
Theileria parva, T. mutans, cattle continuously 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
Leishmaniasis 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. a. major) forms, cross reactions with sera from patients with Trypanosoma brucei gambiense, leprosy, and tuberculosis

Immunity. Diagnosis
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 1981 Trop Anim Health and Prod 13 (1) Feb 1-11 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
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Toxoplasma 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
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
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Immunity, Diagnosis
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Immunity, Diagnosis
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Leishmania, patients with American mucocutaneous infections, histological and immunological diagnosis, therapy: Sobradinho, Brasilia

Immunity, Diagnosis
Sanchez Franco A; Sanchez Acero C; Albala Perez F
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Immunity, Diagnosis
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Toxocara canis ELISA system used as model

Immunity, Diagnosis
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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; Carreras GM
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Toxocara causing visceral larval migrans in children, ophthalmic manifestations, diagnosis using ELISA serum antigen determination, this-bendazole therapy useful if the parasitic organism is still alive: Louisiana

Immunity, Diagnosis
Schmunis GA et al
Trypanosoma cruzi, children with recent infections, diagnosis, indirect immunofluorescence 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 Wa

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Immunity, Diagnosis
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1981 Bull World Health Organ 59 (3) 371-381 Wa
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Immunity, Diagnosis
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Immunity, Diagnosis
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Immunity, Diagnosis
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Immunity, Diagnosis
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Brugia malayi-infected human sera, diagnosis, evaluation of passive hemagglutination test using adult Dirofilaria immitis antigen, preparation of antigen

Immunity, Diagnosis
Sharma P; Prasad BN; Dutta GP
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Entamoeba histolytica, human, diagnosis, presence of other intestinal parasites does not appreciably influence outcome of indirect hemagglutination test for amoebic coenzyme bodies when standard axenic E. histolytica antigen is used

Immunity, Diagnosis
Shivasandra PG et al
1981 Indian J Med Research 73 Suppl Jan 107-110 Wa
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Silaio RS; Gray AR; Luckins AG
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 haemaggulmination and bentonite flocculation tests

Immunity, Diagnosis
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1980 Am J Trop Med and Hyg 29 (4) July 548-552 Wm
Wuchereria bancrofti, Brugia malayi, human, immunodiagnosis, indirect haemaggulmination technique using Breinlia booliati as antigen: Peninsular Malaysia

Immunity, Diagnosis
Skrome-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
Skrome-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
Skrome-Kadlubik G; Celis C
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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
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Immunity, Diagnosis
Smith HV et al
1980 J Immunol Methods 37 (1) 47-55 Wm
Toxocara canis, human, paper radioimmunosorbent test for detection of larval-specific antibodies

Immunity, Diagnosis
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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 haemaggulmination, counterimmunoelectrophoresis, 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
Entamoeba histolytica, human, diagnosis, comparison of enzyme linked immunosorbent assay with indirect immunofluorescence antibody test and counterimmunoelectrophoresis

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 hydrazide fluid and Di-petalonema viteae as antigens, comparison with indirect fluorescent antibody test, indirect haemaggulmination test, and counterimmunoelectrophoresis, ELISA was most sensitive but least specific method

Immunity, Diagnosis
Spencer HC et al
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
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
Plasmodium falciparum, human, enzyme-linked immunosorbent assay, indirect fluorescent antibody test, use 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
Pneumocystis carinii pneumonia, immunocompetent infants, diagnosis by counterimmunoelectrophoresis or by open lung biopsy

Immunity, Diagnosis
Stevens DL et al
1979 Am J Gastroenterol 74 (3) Sept 234-238 Wm
K[Entamoeba] histolytica, Caucasian male, case report, hepatic abscess, nonreactive to immunological tests preoperatively, motile hemoflagellate 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 K
1979 Arch Lebensmittel-Hyg 30 (6) Nov-Dec 208-214 Wm
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[Trypanosoma] cruzi, humans, diagnosis, indirect immunofluorescence reaction, preservation of imprints

Immunity, Diagnosis
Tabel W et al
1981 Trop med u Parasitol 32 (3) Sept 149-153 Wm
Trypanosoma vivax, T. congolense, cattle, serum levels of immunoglobulins, natural heterophile antibodies to chickens 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 IgG 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 Wm
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 Zootech Coll (28) 55-60 Wm
Dirofilaria immitis, dogs, diagnosis, comparison of hemagglutination and double diffusion using various antigens

Immunity, Diagnosis
Takafuji ET et al
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 Wm
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
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Immunity, Diagnosis
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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 scolecites

Immunity, Diagnosis
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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
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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
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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 NPT; Efykuse WM
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Immunity, Diagnosis
Teuber J; Brehm H; Stumpf J
1979 Immun u Pathol 7 (6) Dec 213-221
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Trichinella spiralis, human, brief review (of history, epidemiology, biology and transmission, immunology, different diagnostic methods); evaluation of modified indirect immunofluorescence test; evidence for immunosuppressive effect produced by adult worms

Immunity, Diagnosis
Theen CO et al
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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
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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; Pabiyi A; Adeniyi A
1981 J Trop Med and Hyg 84 (3) June 113-116
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parasitic diseases in Nigerian children, usefulness of indirect fluorescent antibody technique, ELISA also used for Schistosoma mansoni

Immunity, Diagnosis
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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 XF
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Entamoeba histolytica, patients with different clinical forms, diagnosis, indirect immunofluorescence technique, sensitivity, specificity, and reproducibility

Immunity, Diagnosis
Tikasingh E et al
Wa
Plasmodium malariae, human, outbreak probably due to renewal of transmission from recrudescent 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
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echinococcosis, patients operated on for pulmonary infections, diagnostic value of 5 immunological tests compared

Immunity, Diagnosis
Tomlinson MJ et al
Wa
Trypanosoma cruzi, dogs, serological survey using complement-fixation and direct-agglutination tests: southeastern United States

Immunity, Diagnosis
Tosswill JHC; Ridley DS; Warhurst DC
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Entamoeba histolytica, counter immunoelectrophoresis as rapid screening test for liver abscess

Immunity, Diagnosis
Tsang VOW; Tao Y; Maddison SE
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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
Tsiopori S; Campbell I
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Cryptosporidium, antibodies detected by indirect immunofluorescence in over 80% of sera from 10 animal species including humans

Immunity, Diagnosis
Valkoun A et al
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
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Trypanosoma brucei gambiense, humans, diagnosis, enzyme-linked immunosorbent assay using variable antigen type of T. b. brucei, no cross-reactions with other parasitic infections
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Visvesvara GS et al 1980 Ann Int Med 93 (6) Dec 802-805 Wa
Giardia lamblia in humans, diagnosis, indirect immunofluorescence test for antibodies in 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
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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
Visvesvara GS et al 1980 Bull World Health Organ 58 (3) 429-438 Wa
Entamoeba histolytica, humans, diagnosis, indirect immunoperoxidase method more specific than immunofluorescence

Immunity, Diagnosis
Visvesvara GS et al 1980 Bull World Health Organ 58 (3) 429-438 Wa
Schistosoma haematobium, humans, diagnosis, indirect immunofluorescence test, comparison with indirect immunofluorescence test: Somalia

Immunity, Diagnosis
Voller A et al 1979 Jrnl Clin e Lab 9 (2 suppl) 81-84 Wm
Encephalitozoon cuniculi, rabbits, immunological diagnosis, 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
Immunodiagnostics of malaria, methods and techniques, review

Immunity, Diagnosis
Waller J et al 1980 Vet Immunol and Immunopath 1 (4) Dec 353-360 Wa
Onchocerca volvulus vs. Dipetalonema viteae as antigen, comparison with enzyme linked immunosorbent assay detecting IgG and IgM antibodies against same antigen preparations

Immunity, Diagnosis
Waller J et al 1980 Bull World Health Organ 58 (3) 429-438 Wa
Echinococcus granulosus, sheep, diagnosis, epidemiological and immunological surveys

Immunity, Diagnosis
Toxoplasma gondii, 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
Weiland G et al 1980 Bull World Health Organ 58 (3) 429-438 Wa
Enzyme-linked immunosorbent assay, comparison with 3 immunofluorescence tests

Immunity, Diagnosis
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 1981 Bull World Health Organ 58 (3) 429-438 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
Welch JS; Ottosen EA; Heck J. 1980 Archiv f Immunologie und exper. Erkrankungen 15 (5) 261-264 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
Babesia divergens, cattle (nat. and exper.), diagnosis, indirect immunoassay, enzyme-linked immunosorbent assay, indirect haemagglutination, and intradermal test using antigens of B. divergens and/or B. rodhaini

Immunity, Diagnosis
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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
Wilson CB et al 1980 Bull World Health Organ 58 (3) 429-438 Wa
Schistosoma mansoni, 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
Toxoplasma gondii, human congenital infections, diagnosis, lymphocyte transformation, comparison with other methods

Immunity, Diagnosis
Toxoplasma gondii, human congenital infections, diagnosis, lymphocyte transformation, comparison with other methods

Immunity, Diagnosis
Toxoplasma gondii, human congenital infections, diagnosis, lymphocyte transformation, comparison with other methods

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Immunity, Diagnosis
Wolstenholme B; Fripp PJ
1981 Tr Roy Soc Trop Med and Hyg 75 (4) 614-615 Wm
schistosomiasis, human, diagnosis, microscopic slide preparation of Schistosoma mansoni cercariae for indirect fluorescent antibody test

Immunity, Diagnosis
Yarzabal LA
1973 Rev Med Chil 101 (7) July 558-564 Wm
Echinococcus granulosus, humans, diagnosis, immuno-electrophoresis test specific and sensitive, agar gel diffusion technique recommended as a screening test

Immunity, Diagnosis
Young ER; Purnell RE
1980 Vet Rec 108 [1 e 106] (3) Jan 19 60-61 Wm
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 and Infect 9 (1) Mar 33-39 Wm
enzyme-linked immunosorbent assay test, 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 Wm
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 Acta 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
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Immunity, Enzyme labelling
Ambroise-Thomas P; Daveau C
1981 Ann Soc Belg Med Trop 61 (2) June 311-318 Wm
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; Degeorges PT
1980 Bull Soc Path Exot 73 (1) Jan-Feb 89-99 Wm
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; Degeorges PT; Bouttaz M
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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 Wm
New World leishmaniasis, human, serodiagnosis, micro enzyme-linked immunosorbent assay with Leishmania braziliensis panama strain and E. histolytica 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 Wm
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 Wm
Toxoplasma gondii, antigenemia in patients with recently acquired acute toxoplasmosis, detection by enzyme-linked immunosorbent assay

Immunity, Enzyme labelling
Bahr G; Modaber FZ
1980 J Immunol Methods 38 (3-4) 205-216 Wm
simplified immunoenzyme antigen detection technique as approach for immuno-diagnosis, 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 Wm
Leishmania donovani, human, diagnosis, enzyme-linked immunosorbent assay

Immunity, Enzyme labelling
Balsari A et al
1980 J Clin Path 33 (7) July 640-643 Wm
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 Wm
Trichomonas vaginalis, diagnosis in smears and in paraffin-embedded tissue sections using modified immunoperoxidase techniques
Immunity, Enzyme labelling

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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

Immunity, Enzyme labelling

Bidwell DE; Voller A

Plasmodium falciparum, diagnosis, enzyme-linked immunosorbent assays tested in infected and uninfected monkeys, method useful but less sensitive 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 enzyme immunoassay, trypanosomes found only from camels, antibodies found in all 3 host species, possible epidemiological significance in relation to camel trypanosomiasis: Eastern Sudan

Immunity, Enzyme labelling

Bos HJ et al

Entamoeba histolytica in 9 populations, seroepidemiology, enzyme-linked immunosorbent assay, precipitin tests, age distribution: Surinam, South America

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Immunity, Enzyme labelling

Craig PS et al

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Immunity, Enzyme labelling

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1980 Ztschr Parasitenk 61 (3) 287-297 Wa

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Immunity, Enzyme labelling

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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)
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1981 Research Vet Sc 30 (3) May 288-293 Wm
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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

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Leishmania, identification of amastigotes and their antigens in formalin-fixed tissue by immunoperoxidase indirect sandwich method

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Speiser F
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use of immunofluorescence, enzyme-immunoassay, and radioimmunoassay in parasitic diseases with special reference to malaria, review

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Yan Z et al
1980 Chung Kuo I 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: Jiaxing in Zhejiang Province

Immunity, Enzyme labelling
Young ER; Purnell RE
1980 Vet Rec 108 (1 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
Zahn A W 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

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 circulatory 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
S[chistosoma] mansoni, patients with and without nephropathy, circulating immune complex levels correlated with type of glomerular lesion, and with glomerular deposits of immunoglobulin, C3, and fibrin

Immunity, Immune complexes

Capron M et al
1980 Parasite Immunol 2 (3) Autumn 223-235 Wm
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 Wm
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 transfer of CSA from mother to fetus and possible modulation of CSA level by specific CAB and CIC formation

Immunity, Immune complexes

Casali P; Perrin LH; Lambert PH
1979 Immunol Aspects Infect Dis 295-342 Wm
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 Wm
Trypanosoma cruzi-infected mice, identification of parasite antigens in circulating immune complexes

Immunity, Immune complexes

Contreras CE et al
1980 Clin and Exp Immunol 42 (3) Dec 403-411 Wm
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, Immobilization

Bourdais A; Dave DL; Gratzek JB
1981 Develop and Comp Immunol 5 (2) Spring
283-289 Wm
Ichthyophthirius multifiliis, Tetrahymena pyriformis, in vitro demonstration of serological cross-reactivity (immobilization test, indirect fluorescent antibody staining, passive hemagglutination), results indicate antigenic relationship
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
Corsi AI; Vilela MMS; Piedrabuena AE
1981 Tropedmed 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 tryptophan vaccine

Immunity, Immune complexes
Cottrell BJ; Studrock 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 103-114 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
Desaree RS jr; Hillyer GV
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
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

Immunity, Immune complexes
Facer CA
1980 Clin and Exper Immunol 59 (2) Feb 279-288 Wa
Plasmodium falciparum, Gambian children, association between direct Coombs anti-chloroquine 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 LG; Fimerty JF; Louis JA
1981 Parasite Immunol 3 (3) Autumn 273-282 Wa
Trypanosoma brucei-brucei-infected CBA/N mice (strain with B cell deficiency) vs. conventional mice, survival and level of parasitemia, non-specific immune responses (polyclonal B cell activation in spleens, circulating immune complexes, immunosuppression)

Immunity, Immune complexes
Goodger BV; Wright IG; Mahoney DF
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 antisemur, but actively sloughed this layer and replaced the former glycocalyx when transferred to medium lacking antisemur; 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; Rossy M
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 FF et al
amebic dysentery, human, occurrence of circulating immune complexes, role in mediating tissue injury difficult to assess

Immunity, Immune complexes
Lambert PH; Berney M; Kazymba 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, rheumoid factor, and antitrypanosome antibodies, IC in cerebrospinal fluid (CSF), origin of CSF immunoglobulins and CSF IC

Immunity, Immune complexes
Lee DL; Nixon PE; North ACT
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 trypanosom alo 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 (trypanosom al 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
Narayan K et al
1981 J Ass Physicians India 29 (2) Feb 169-172 Wa
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
amebic liver abscess, onchocerciasis, human, serum complementary screening for immune complexes

Immunity, Immune complexes
Paganelli R; Ngu JL; Levinsky RJ
1980 Clin and Exper Immunol 39 (3) Mar 570-575 Wa
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
Plasmodiumberghei, 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 A; 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 pancytadis, findings suggest that immune mechanisms may be involved in pathogenesis, offers suitable model for evaluation of efficacy of trypanocidal drugs

Immunity, Immune complexes
Poltera A; 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 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

Immunity, Immune complexes
Rickman WJ; Cox HW; Thongsuwan S
1981 J Parasitol 67 (2) Apr 159-163 Wa
Trypanosoma brucei rhodesiense, rats, interactions of immunoconglutinin 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
Schistosoma mansoni, Kenyan children, cell-mediated (CM) and humoral immune responses, results imply that several factors affect CM 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 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
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 99-106 Wm
Evaluation and clinical significance of circulating immune complexes, review, includes some brief information on parasitic diseases

Immunity, Immune complexes
Van Marc EAE et al
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 Marc EAE; Deelder AM; Gigase PLJ
1981 Exper Parasitol 52 (1) Aug 62-68 Wa
Schistosoma mansoni, mice with unisexual infection, circulating anodic antigen detected in glomeruli accompanied by deposits of immunoglobulin and complement, probably represents an 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
Trypanosoma brucei brucei, mice vaccinated with purified variable antigen, detection of immuno-globulins, C3 fraction of complement, and trypanosome antigen in glomeruli, trypanosomal antigen is most probably deposited in immune complex form

Immunity, Immune complexes
Vielsti P Jr et al
Echinococcus granulosus, woman, membranous nephropathy associated with hydatid disease in which parasitic antigen and corresponding anti-body were found in glomeruli: France, from North Africa

Immunity, Immune complexes
Waugh DA; Alexander JH; Ibels LS
1980 Austral and N Zealand J Med 10 (5) Oct 559-562 Wa
Filarisis, humans with chyluria and associated glomerulonephritis, clinical report, evidence to suggest that glomerulonephritis may be an immune complex type

Immunity, Innate
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
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 merogonites 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 trypanomastigotes, 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 DF et al
1981 Tropenmed u Parasitol 32 (2) June 103-108 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 N
1980 Comp Immunol Microbiol and Infect Dis 3 (3) 277-281 Wa
Anaplasma marginale, cattle, use of peripheral blood leucocytes 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 1139-1412 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
Schistosoma haematobium, human, hepatosplenic 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 G; 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 countercurrentimmunoelectrophoresis 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 leucocyte (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 Sci 42 (3) June 345-351 Wa
Eimeria tenella, chickens (exper.), direct and indirect leucocyte migration inhibition tests

Immunity, Macrophage migration test
Peralta JM et al
1981 Clin and Exp 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
Petchclai M; Scho1lenberger P; Koonakosit R; Akarawong K
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; 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
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 Sci 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
Rehbien 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 benen 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
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
Vinsayk VK et al
1980 Trop and Georgr 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
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
larval taeniid cestode infections, sheep, attempts to produce hybridoma-based immuno-diagnostic 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 KH et al
Schistosoma japonicum, murine hybridoma-derived antibodies producing circumoval precipitation reactions with eggs
Immunity, Immune complexes
Van Marck EA; Vervoort T
Wa
Trypanosoma brucei brucei, mice vaccinated with purified variable antigen, detection of immuno-globulins, 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
Wa
Kochinococcus granulomatus, 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
Waugh DA; Alexander JH; Ibels LS
1980 Austral and New Zealand J Med 10 (5) Oct 559-563
Wa
Filaria, humans with chyluria and associated glomerulonephritis, clinical report, evidence to suggest that glomerulonephritis may be an immune complex type

Immunity, Intradermal tests
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, Lysis
Gonzales Cappa SM et al
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 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 peri-toneal macrophages; relationship between antibod-ies 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 incorpor-ating [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 Immuni-

Immunity, Macrophage migration test
Aikat BK et al
1979 Indian J Med Research 70 Oct 583-591
Wa
Trypanosoma brucei, 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
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 leucocytes in study of cell-mediated immu-nity, review: leucocyte migration inhibition test; blastogenesis test; cytotoxicity test

Immunity, Macrophage migration test
Chensue SW; Boris DL; David CS
1980 J Exper Med 151 (6) June 1 1398-1412
Wa
Schistosoma mansoni, mice, regulation of granulo-matous inflammation, in vitro characterization of T lymphocyte subsets involved in produc-tion and suppression of migration inhibition factor

Immunity, Macrophage migration test
Cursons RTM; et al
1980 Infect and Imm 29 (2) Aug 408-410
Wa
Naegleria spp., sensitized guinea pigs, cross-reactivity of homologous and heterologous anti-gens 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 sug-gest relationship between CMI responsiveness and clinicopathological manifestations

Immunity, Macrophage migration test
Jain P; Sawhney S; Vinayak VK
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1980 Tropened u Parasitol 31 (1) Mar 105-110 Wa
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1980 Arch Invest Med 11 (2) 201-213 Wm
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Immunity, Monoclonal antibodies

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Schistosoma mansoni, monoclonal hybridoma antibody to major serological egg antigen (anti-MSA) reacted with schistosome eggs forming circumoval precipitate, precipitate was seen when anti-MSA was incubated with S. mansoni, S. haematobium, and S. japonicum eggs

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1980 Proc National Acad Sc Biol Sc 77 (11) Nov 6797-6799 Wa
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1981 Infect and Immun 32 (2) May 563-570 Wa
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1980 J Immunol 124 (2) Feb 508-514 Wm
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Immunity, Passive
Tubaro E et al
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Immunity, Native
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1980 J Wildlife Dis 16 (2) Apr 183-187 Wm
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Immunity, Passive
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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 Wm
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 Expier Parasitol 40 (1) Feb 34-40 Wm
Leishmania mexicana, L. tropica major, mice, adoptive transfer of immunity

Immunity, Passive
Allan D et al
1981 Parasite Immunol 3 (2) Summer 137-142 Wm
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 adaptively transferred but there is a significant decrease in numbers of Thy-1 cells in these MLN 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
Bebnke JM; Parish NA
1981 Parasite Immunol 3 (3) Autumn 249-259 Wm
Nematoeioeides dubius, mice, passive transfer of immunity with immune serum (16) 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 30 (1) July 186-193 Wm
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
Breniere S; Viens P
1980 Canad J Microbiol 26 (9) Sept 1090-1095 Wm
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 Wm
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 Tropened u Parasitol 32 (2) June 67-72 Wm
Plasmodium berghei, protective immunity in mice and rats is significantly enhanced by phenylhydrazine treatment, this effect generating 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 1st Sieroterap Milanese 60 (2) May 31, 121-128 Wm
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
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Campbell CC; Martinez JM; Collins WE
Wa

Plasmodium falciparum, P. vivax, longitudinal study of 113 women and their newborns to esti-
mate 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 ma-
laria: 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
ship between cytotoxic antibodies and circulating
schistosome antigens, probable transfer of
cytotoxic antibodies from mother to child
through placenta, possible mechanisms for inhibi-
tory 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
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Schistosoma mansoni-infected African partur-
teents, their uninfected newborn children, in-
fected men, and non-pregnant women, evalua-
tion of circulating soluble antigens (CSA) by sandwich radiolimnouassay, of circu-
lating antibodies (CAB) by indirect hemagglu-
nination, and of immune complexes (CIC) by Clq
binding test, results indicate probable trans-
placental transfer of CSA from mother to fetus and possible modulation of CSA level by
specific CAB and CIC formation

Immunity, Passive
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genetic factors of resistance to infection in tropical areas, general review: Africa

Immunity, Passive
Dawkins HS; Grove DI
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Strongyloides ratti, mice, transfer of resis-
tance to infection with serum and cells

Immunity, Passive
Dean DA; Bukowski MA; Clark SS
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Schistosoma mansoni, acquired resistance in
infected or irradiated cesarea-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-
sarial immunization differ in some fundamental
way

Immunity, Passive
Delgado O et al
1981 Clin Immunol and Immunopathol 19 (3) June
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extract therapy in immunodepressed patients

Immunity, Passive
Denham DA; Suswillo RR
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Brugia spp., susceptibility of kittens born to non-infected and infected mothers

Immunity, Passive
Dissanayake S; de Silva LVK; Ismail MM
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Wuchereria bancrofti, human, antifilarial anti-
body in maternal and umbilical cord blood de-
termined by indirect immunofluorescence, enzyme-linked immunosorbent assay, and radio-
immunassay, 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

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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 therapeutically effective of
immune serum in heavily infected T-cell
deprived mice, protection assessed both by par-
sipient serum transplacental transfer of filarial antigens 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 (ω1) 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
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Theileria parva, resistance to lethal challenge trans-
ferred between 2 pairs of chimeric bovine co-twins with syngeneic thoracic duct
lymphocytes from immunized partner

Immunity, Passive
Flavell DJ; Pattanapanyasat K; Flavell SJ
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Opisthorchis viverrini, hamsters, attempts to adoptively transfer immunity with spleen cells
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Immunity, Passive
Freeman RR; Parish CR
1981 Exper Parasitol 52 (1) Aug 18-24
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nance of immunity in BALB/c mice, serum trans-
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Immunity, Passive
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ing stage-specific merozoite antigens were protective in passive transfer experiments

Immunity, Passive
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36°C, antibody response, serum from these mice
protected recipient mice against lethal infec-
tion
Immunity, Passive
Gupta RK et al
1980 Experimental 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 Wm
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 MWH
1981 Research Vet Sc 30 (3) May 309-311 Wm
Fasciola hepatica, effects of transferring homologous or heterologous sera between infected donors (rats, rabbits, cattle) and naive recipient rats and rabbits

Immunity, Passive
Ibeziako PA; Okerengwo AA; Williams AO
1980 Pediatrics Am Acad Pediat 66 (6) Dec 977-979 Wm
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; Williams AO
1980 Brit J Obst and Gynaec 87 (11) Nov 976-982 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 AO
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 newborns 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 263 Wm
Entamoeba histolytica, adoptive transfer of immunity to infection by immune spleen cells in rats

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1980 Pediatrics Am Acad Pediat 66 (6) Dec 977-979 Wm
Plasmodium falciparum, 3-month-old child, congenital infection, mother diagnosed as having malaria at 6 months of gestation, results of this infection with different spleen cell populations and development of protective activity in serum of lethally irradiated recipient mice

Immunity, Passive
Kierszenbaum H
1980 J Parasitol 66 (4) Aug 673-675 Wm
Trypanosoma cruzi, protection of congenitally athymic mice by passive antibody transfer

Immunity, Passive
Kirkpatrick CM
1980 CRC Crit Rev Clin Lab Sc 12 (2) July 87-122 Wm
transfer factor, extensive review, includes information on Eimeria and leishmaniasis

Immunity, Passive
Klesius PH
1981 Advances Exper Med and Biol 137 293-323 Wm
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 Wm
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Immunity, Passive
Kloosterman A; Benedictus J; Aghina H
1980 Vet Parasitol 7 (2) Sept 133-142 Wm
Cooperia oncophora, cattle, colostral transfer of anti-nematode antibodies demonstrated using indirect fluorescent antibody technique and indirect haemaggulination test but calves not protected against challenge at 2.5 to 4 months

Immunity, Passive
Lundgren MV et al
1981 Ztschr Parasitenk 65 (2) 163-166 Wm
Plasmodium berghei, mice (exper.), adoptive transfer of immunity with spleen and bone marrow cells following busulfan and cyclophosphamide treatment

Immunity, Passive
Lynsgset A
1980 Lab Animal Sc 30 (3) June 558-561 Wm
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 Wm
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 TW
1980 Exper Parasitol 49 (3) June 442-454 Wm
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; Votiakov et al 1981 Zhurnal Mikrobiol Epidemiol 3 (3) Mar 35-39 Wa Isodoraidea, 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 GD; Rajasekariah GR; Rickard MD 1980 Immunology 39 (4) Apr 481-489 Wa Taenia taeniaformis, 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 Mogbel R; Wakelin D 1981 Parasite Immunol 3 (3) Autumn 181-189 Wa 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 Neilsen JTM; Crandall GA; 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 Exp 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 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 IgG

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Immunity, Passive
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Immunity, Passive
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Immunity, Passive
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Immunity, Passive
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Immunity, Passive
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Immunity, Passive
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Immunity, Phagocytosis
See Phagocytosis

Immunity, Precipitation
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immunofluorescence, immunodiffusion,
counter-immunoelectrophoresis

Immunity, Precipitation
Abuzeid Y et al
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Immunity, Precipitation
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reactions in counterimmunoelectrophoresis test

Immunity, Precipitation
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epidemiology, enzyme-linked immunosorbent as-
say, precipitin tests, age distribution: Surin-

Immunity, Precipitation
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1978 Indian J Med Research 66 (4) Aug 577-584 Wa
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rabbits, precipitating and complement-fixing
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antigens in diagnosis of human filariasis

Immunity, Precipitation
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Immunity, Precipitation
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Immunity, Precipitation
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study of agglutinated bodies formed on growing
promastigotes in their homologous antiserum to
determine role of leishmanial excreted factor
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Immunity, Precipitation
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Immunity, Precipitation
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and countercurrent immunoelectrophoresis tests

Immunity, Precipitation
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cynocephalus, antibody responses, immunoglob-
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Immunology, Precipitation

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Immunology, Precipitation

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1980 J Helminth 54 (2) June 83-86 Wa
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Immunology, Precipitation

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Immunology, Precipitation

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Immunology, Precipitation

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Immunology, Precipitation

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Immunology, Precipitation

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Immunology, Precipitation

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Immunology, Precipitation

Felger P et al
1981 Tropened u Parasitol 32 (3) Sept 134-140 Wa
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Immunology, Precipitation

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Immunology, Precipitation

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Immunology, Precipitation

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Cysticercus cellulosae, human, evaluation of immunodiagnostic techniques: France

Immunology, Precipitation

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Immunology, Precipitation

Francis DH; Buening GM; Amerault TE
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Immunology, Precipitation

Fuchs V et al
1981 Ceskoslov Gynek 46 (1) Feb 7-11 Wa
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Immunology, Precipitation

Fujisaki K; Takeuchi S; Kitaoaka S
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Immunity, Precipitation

Pujisaki K; Takeuchi S; Kitakoa S
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Immunity, Precipitation

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1980 South Med J 73 (4) Apr 429-437 Wm
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Immunity, Precipitation

Ganguly NK et al
1980 Vet Immunol Immunopath 1 (4) Dec 361-369 Wm
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Immunity, Precipitation

Handman E; Mitchell GF; Goding JW
1981 J Immunol 126 (2) Feb 508-512 Wa
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Immunity, Precipitation

Hillyer GV; Rivera Marrero
Schistosoma mansoni, 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 Wm
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; Lluberes R; Ramirez Ronda C
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Immunity, Precipitation

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1980 Am J Trop Med and Hyg 29 (4) July 582-585 Wm
Schistosoma mansoni, monoclonal hybridoma antibody to major serological egg antigen (anti-MSA) reacted with schistosome eggs forming circumoval precipitate, precipitate was seen when anti-MSA was incubated with S. mansoni, S. haematobium, and S. japonicum eggs

Immunity, Precipitation

Hillyer GV; Rivera Marrero C
Schistosoma mansoni, development of antiserum reactive with eggs by circumoval precipitin (COP) test, antigens and immunoglobulins involved in COP reaction

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Immunity, Precipitation

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Immunity, Precipitation

Hillyer GV; Sagravino de Ateca L
Wa
Schistosoma mansoni or Fasciola hepatica in mice, antibody responses to antigen preparations from both species, Ouchterlony immunodiffusion, circumoval precipitin test, enzyme-linked immunosorbtent assay, indirect hemagglutination

Immunity, Precipitation

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Wa
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Immunity, Precipitation

Ho Y; Yang H
1979 Tung Wu Hsueh (4) Dec 304-310
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Human hydatid disease, serodiagnosis, evaluation of enzyme-linked immunosorbent assay, indirect hemagglutination and countercurrent immunoelectrophoresis tests and cell-mediated (macrophage migration inhibition test) immune responses in immunized and unimmunized animals

Immunity, Precipitation

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Wa
Human hydatid disease, serodiagnosis, evaluation of enzyme-linked immunosorbent assay, comparison with indirect hemagglutination, double diffusion, and immunoelectrophoresis

Immunity, Precipitation

Icardi G; Petracca C
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Immunity, Precipitation

Ivanovic D
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Mn
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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 countercurrent immunoelectrophoresis tests) and cell-mediated (macrophage migration inhibition test) immune responses in immunized and unimmunized animals

Immunity, Precipitation

Janechaitwat J et al
Wa
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
Wa
Plasmodium falciparum, human, antigens and antibodies studied by immunoelectrophoretic methods

Immunity, Precipitation

Kagan I; Norman L
1979 J Helminth 55 (2) June 133-139
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
Wa
Paragonimus skrjabini, humans, pre- and post-treatment diagnostic evaluation of counterimmunoelectrophoresis technique vs. agar gel diffusion: areas of Sichuan, China

Immunity, Precipitation

Kloch SJ
1979 Tr Roy Soc Trop Med and Hyg 74 (3) 347-350
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Schistosoma mansoni, 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

Koizumi T; Iida H et al
1980 Med and Ass Thailand 26 (1) 1-5
Wa
Hexamermis sp., disc electrophoresis of proteins, reactions in gel diffusion tests with antiserum against Hexamermis sp., correlation of these characters with morphologic and biologic characters, implications for taxonomy and phylogeny of Mermithidae

Immunity, Precipitation

Kalaraj P et al
1981 J Helminth 55 (2) June 133-139
Wa
Schistosoma mansoni, prevalence in Rattus rattus mandarinus 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

Kamuy H et al
Wa
Schistosoma japonicum, prevalence in Rattus rattus mandarinus 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
Wa
Echinococcosis, humans, diagnosis, double gel diffusion test, highly sensitive and specific
SUBJECT HEADINGS

Immunity, Precipitation
Khalil HM et al
1979 J Egypt Pub Health Ass 54 (3) 126-137 Wm
Acaris, Toxocara, human, precipitin absorption
test is useful tool for mass seroepidemiologi-
cal survey: Egypt

Immunity, Precipitation
Knepf RM et al.
1979 Austral J Exper Biol and Med Sc 57 (6) 603-
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incorporation of radioactive precursors into
macromolecular products of red cells, analysis
of biosynthetically labelled products by poly-
acrylamide gel electrophoresis; immunoprecipita-
tion 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 electrophromunodi-
fusion and crossed electroimmunodiffusion tests

Immunity, Precipitation
Lamina J
1979 Rev Med Chile 107 (3) Mar 236-238 Wm
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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 veneral 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
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 LM; Hillyer GV; Flores SI
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 sen-
sitive in detecting early infection but CEP was best indicator of chemotherapeutic success

Immunity, Precipitation
Lewert RM et al
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, counterelectrophoresis, and
indirect hemagglutination methods as well as
with clinical data

Immunity, Precipitation
Long GW et al
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
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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 ame bic antigen in immune com-
plex formation and pathogenesis

Immunity, Precipitation
Mansueto S et al
1979 Ann Schavo 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 Schavo Diag Clin e Lab 16 (3) Sept
258-266 Wa
visceral leishmaniasis, human and canine, diag-
nosis, evaluation of counterimmunoelectrophor-
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 LE; 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

Mesarić B; Panlan 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, Precipitation

Milder JE et al
1980 J Clin Microbiol 11 (4) Apr 400-417 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
Schistosoma japonicum, susceptibility of mice of various strains, infection characteristics, radioisotopic lung assay for granuloma formation, anti-egg circumoval precipitin responses

Immunity, Precipitation

Monjour L et al
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, Precipitation

Monjour L et al
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, Precipitation

Morii T et al
1981 Internat J Parasitol 11 (3) June 187-190 Wa
Leucocytozoon caulleryi, chickens, evaluation of immunodiffusion test for epizootiologic surveys, comparison with parasitologic diagnosis, some data on seasonal incidence in Japan, L. sabrazesi also found in Taiwan; Japan; Taiwan; Philippines; Singapore; Malaysia; Thailand

Immunity, Precipitation

Nagathiy 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, 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 (TLA), comparison with passive haemagglutination and immunoprecipitation, cross-testing of sera of patients with different parasitic diseases using TLA plates coated with extracts from the relevant parasites

Immunity, Precipitation

Nilsson LA; Petchclai B; Elwing H
Entamoeba histolytica, human, thin layer immunoassay used to demonstrate antibodies, comparison with indirect hemagglutination and immunoassay techniques

Immunity, Precipitation

Osiatyny 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

Immunity, Precipitation

Patterson M; Healy GR; Shabot JM
1980 Gastroenterology 78 (1) Jan 136-141 Wa
Entamoeba histolytica, human, serologic diagnosis (indirect hemagglutination and gel diffusion precipitation) superior to fecal examination

Immunity, Precipitation

Picardo NG; Diaz R; Guisantes JA
1977 Rev Iber Parasitol 37 (3-4) July-Dec 273-285 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 Wa
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 s

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 membranes
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 frag-
ments of this antibody, effects on sporozoites
in vitro (neutralizing assay; circumsporozoite
precipitation reaction), protective effects in
vivo (mice)

Immunity, Precipitation
Powell MB et al
Otodectes cynotis, cats (nat. and exper.),
reaginic hypersensitivity, precipitating
antibodies, hematologic indices; mode of feed-
ing 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 con-
ventional mice, course of infection, hemato-
logical and serological changes, humoral re-
response determined by immunodiffusion and
hemagglutination tests; "... it seems unjusti-
tified to distinguish the two types of Trichi-
nella [spiralis and pseudospiralis] as sep-
erate 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 Wa
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 Wa
Toxocara canis, Ascaris suum, larvae, sero-
logical differentiation using the intergel ab-
sorption test, antigens extracted from embryo-
nated 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 Parasitology 11 (1) Feb 59-65 Wa
Fasciola hepatica in susceptible (5-week-old)
vs. age-resistant (25-week-old) rats, worm
recovery, histopathology, hematological
changes, precipitating antibody titres

Immunity, Precipitation
Rao YVBG et al
1980 Indian J Med Research 72 July 47-52 Wa
Wuchereria bancrofti, Litomosodes carinii, de-
montion of shared antigens, countercurrent immunoelctrophoresis and
indirect hemagglutination 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, Oucherlonny double gel
diffusion, immunoelctrophoresis, countercur-
current immunoelctrophoresis, 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, im-
munological reactions associated with acquired
resistance, homocytotropic and precipitating
antibody formation

Immunity, Precipitation
Rubio ER; Vottero-Cima E; Rovai L
1980 Medicina Buenos Aires 40 Suppl (1) 127-131
Wm
Trypanosoma cruzi, antigenic analysis using
counterimmunoelctrophoresis

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 eosino-
philia, diagnosed on basis of immunoelectro-
phoretic studies, thiabendazole therapy result-
ed 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 en-
zymes 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 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

Immunity, Precipitation
Santoro F et al
1981 Am J Trop Med and Hyg 30 (5) Sept 1020-
1025 Wa
Schistosoma mansoni, human, correlation be-
tween circulating antigens detected by radio-
imunoprecipitation-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
axenic Entamoeba histolytica antigen, fractionation and chemical analysis, haemagglutinating and precipitating activity

Immunity, Precipitation
Schantz PM; Shanks D; Wilson M
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
1979 Indian J Med Research 67 Mar 374-380
Entamoeba histolytica, growth patterns in axenic culture using different sera; antiserum 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
Myxobolus exiguis, 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 Scialo 21 (6) Nov-Dec 800-815
Echinococcus granulosus, humans, diagnosis, radioallergosorbent (RAST) assay compared with ELISA, indirect haemagglutination, counter-immunelectrophoresis, 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
Spelzer F
Entamoeba histolytica, human, diagnosis, comparison of enzyme linked immunosorbent assay with indirect immunofluorescence antibody test and counter-immunelectrophoresis

Immunity, Precipitation
Spelzer F
1980 Tropenmed u Parasitol 31 (4) Dec 459-466
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, Precipitation
Spencer HC et al
1981 Am J Trop Med and Hyg 30 (1 pt 1) Jan
63-68
Echinococcus granulosus, 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
Pneumocystis carinii pneumonia, immunocompetent infants, diagnosis by counterimmunoelectrophoresis or by open lung biopsy

Immunity, Precipitation
Stankiewicz M; Jena LA
1979 Bull Acad Polon Sc CI II s Sc Biol 27 (5)
349-352
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
Entamoeba histolytica, Caucasian male, case report, hepatic abscess, nonreactive to immunologic tests preoperatively, motile hemato- phagous trophozoites seen microscopically in scrapings from wall of abscess, postoperative serologic tests were positive

Immunity, Precipitation
Stoll L; Haese M; Fehr R
1979 Arch Lebensmittel Hgy 30 (6) Nov-Dec 208-214
Trichinella spiralis, mice and pigs, diagnosis, comparison of agar gel precipitation, direct precipitation, and indirect immunofluorescent antibody test

Immunity, Precipitation
Su KE
1980 Bull Inset Zool Acad Sinica 19 (2) July 41-55
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
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
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
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
Tapiales FP et al
Wa
Schistosoma japonicum, humans, diagnosis, solid-phase radioimmunoassay using extracted egg antigen vs. circumoval precipitin test

Immunity, Precipitation
Taylor DW; Hayunga RG; 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
Wa
Schistosoma mansoni, immunological properties (evaluated by immunoprecipitation methods) of antigens present in saline solution in which adult worms were stored

Immunity, Precipitation
Terrientes ZI; Zeledon R
Wa
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
Wa
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
Wa
Entamoeba histolytica, counter immunoelectrophoresis as rapid screening test for liver abscess
Immunity, Premunition

Weber H et al

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

Plasmodium berghei, mice of several strains, pregnancy-associated recrudescence/immune-suppression in immune hosts with persisting parasites, differences between gravida I and gravid- da 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

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

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

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

Schistosoma mansoni, mice, humoral immune response, kinetics of classes and subclasses of both total immunoglobulins and specific antibodies; use of original radio-immunosorbent test.

Immunity, Radioimmunoassay

Carlier Y et al
1980 Am J Trop Med and Hyg 29 (1) Jan 74-81

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

Carmiiero Leao R; de Toledo Barras MM; Mendes E
1980 Allergol et Immunopath 8 (1) Jan-Feb 31-54

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

larval taenid cestode infections, sheep, attempts to produce hybridoma-based immunodiagnostic reagents.

Immunity, Radioimmunoassay

Dessant JP et al
1980 Internat J Nuclear Med and Biol 7 (2) 187-193

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

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

Toxoplasma gondii, microtitre radio-immunoassay for detection and measurement for a specific antibody class.

Immunity, Radioimmunoassay

Hamilton BG et al
1981 J Immunol Methods 44 (1) July 101-114

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; Castelino JB
1980 Internat J Nuclear Med and Biol 7 (2) 197-200

nuclear techniques in parasitic diseases, summary of panel discussion.

Immunity, Radioimmunoassay

Russin B et al

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 2556-2569 Wa
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 parasite antigen(s) expressed on RBC from infected mice, screening for hybrids 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 Exp 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 LI et al
1980 Parasitolology 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
de Savigny D; Voller A
1980 Internat J Nuclear Med and Biol 7 (2) 165-171 Wa
Toxocara canis, human, comparison of isotopic immunassay vs. enzyme-immunoassay

Immunity, Radioimmunoassay
Sayles PC et al
1981 J Parasitol 67 (4) Aug 585-586 Wa
Leishmania mexicana-infected Myxostoma albicaudatus (exper.), specific antibody response, solid phase radioimmunoassay values, opsonization and merozoite inhibition tests, B and T cell values, lymphocyte transformation test, intradermal skin test

Immunity, Radioimmunoassay
Santoro F et al
Schistosoma mansoni, human, correlation between circulating antigens detected by radioimmunoprecipitation-polyethylene glycol assay and Clq-binding immune complexes

Immunity, Radioimmunoassay
Smith HV et al
1979 J Immunol Methods 37 (1) 47-55 Wa
Toxocara canis, human, paper radioimmunosorbent test for detection of larva-specific antibodies

Immunity, Radioimmunoassay
Sorice F et al
1979 J Immunol Methods 37 (1) March 47-55 Wa
Echinococcus granulosus, humans, diagnosis, radioallergosorbent (RAST) assay compared with ELISA, indirect haemagglutination, counterimmunoelectrophoresis, 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, radioimmunoassay, indirect hemagglutination, circumoval precipitin, and slide flocculation tests

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, Skin tests
Ardehali S et al
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 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 leukocyte migration inhibition test, killing vaccine yielded encouraging results

Immunity, Skin tests
Bilgees 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
Entamoeba histolytica, diagnosis, evaluation of a skin test and macrophage inhibition test, possible role of cell-mediated immunity in defense against pathogenic free-living amoebae

Immunity, Skin tests
Chandra R et al
1978 Indian J Med Research 68 July 61-66 Wa
hydatid disease, humans, diagnosis, evaluation of slide haemagglutination test vs. indirect haemagglutination tube test or Casoni's skin test

Immunity, Skin tests
Conder GA; Andersen FL; Schantz PM
1980 J Parasitol 66 (4) Aug 577-584 Wa
Echinococcus granulosus, sheep (exper.), sensitivity of sera from infected sheep to whole worm antigen vs. homologous W. bancrofti larval antigen, no cross reactions with helminth infections

Immunity, Skin tests
Cursons RTM; et al
1980 Infect and Immun 29 (2) Aug 408-410 Wa
Naegeleia 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
Damasio RT et al
Schistosoma mansoni, multiply-infected Papio cynocephalus, antibody responses, immunoglobulin classes (enzyme-linked immunosorbent assay, slide flocculation, circumboreal 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 Thiès, Senegal

Immunity, Skin tests
Dedet JP et al
Leishmania tropica, population of Fleeve region, incidence survey using the leishmanin skin test: Senegal, West Africa

Immunity, Skin tests
Dedet JP et al
1979 Am J Trop Med and Hyg 30 (2) May 373-384 Wa
Schistosoma mansoni and S. haematobium-infected patients, 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
Sarcoptes scabiei, human, demonstration of immediate type hypersensitivity reactions using prick and intracutaneous methods

Immunity, Skin tests
Fuller GK; Fuller DC
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
Goolman 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
Gono 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 426-429 Wm
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 G et al
1980 Trop and Geogr Med 32 (3) Sept 245-250 Wm
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
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 (2) Nov-Dec 193-197 Issued Jan 14 Wm
Filaria, large animals, diagnosis, evaluation of intradermal test using Dirofilaria immitis as antigen

Immunity, Skin tests
Khan MA
1980 Ann Trop Med Parasitol 74 (6) Dec 563-576 Wm
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


Immunity, Skin tests


Ascaris lumbricoides, pig is suitable model for testing human positive cytotropic antibodies, skin tests in following challenge, characterization of this immune reactions increase slowly, continued use of intradermal test recommended

Immunity, Skin tests

Rieckmann KH, et al. 1979 Bull World Health Organ 57 suppl 1 139-151

Toxoplasma gondii, humans, diagnosis, qualitative test, complement fixation, and intradermal test response to tuberculin and leishmanin (L. donovani), negative during active disease, some suggest that active kala-azar is associated with generalized non-specific depression of immune responses which reverts to normal after treatment

Immunity, Skin tests

Rifaat MA; Abdel Aal TM 1978 Acta Trop 35 (3) Sept 269-279

Schistosoma japonica, inhabitants of an endemic area tested using the immediate hypersensitivity tests for fascioliasis, chagiasis, filariasis, and schistosomiasis. Based on the results of this survey, chemotherapeutic and health education measures: Yamanashi Prefecture, Japan

Immunity, Skin tests

Shams Med J 26 (2) (1975) 77 -82

Schistosoma haematobium, human, immunodiagnosis, inhabitants of a non-endemic area tested using the immediate hypersensitivity tests for fascioliasis, chagiasis, filariasis, and schistosomiasis. Based on the results of this survey, chemotherapeutic and health education measures: Yamanashi Prefecture, Japan

Immunity, Skin tests

Prokhorov VS et al. 1979 Med and Hyg 75 (5) 731-735

Fasciola hepatica, human, diagnosis, skin test, diagnostic skin test survey of pregnant women, test results show that significance of age, sex, contents of antigen used, repetition of inclusion of survey area, and control measures: Tanzania

Immunity, Skin tests

Prakash D, et al. 1980 Indian Pediat 17 (7) July 619-623

Toxoplasma gondii, diagnostic skin test survey of pregnant women, test results show that immunity to toxoplasmosis infection cellular immune reactions increase slowly, continued use of intradermal test recommended

Immunity, Skin tests

Panian B; Carswell RH; Meakins JL 1978 Lijec Vjesnik Zagreb 101 (8) Aug 501-502

Fasciola hepatica, child, case report, diagnosed by skin test and gel diffusion test

Immunity, Skin tests

Kauffman DF; Gordon HM; Rowland MR 1975 J Parasitol 61 (3) 495-500

Fasciola hepatica, diagnostic skin test survey of pregnant women, test results show that immunity to fascioliasis, child, case report, diagnosed by skin test and gel diffusion test

Immunity, Skin tests

Ko et al 1980 Zentralbl Gynak 102 (13) 702-708

Schistosoma haematobium, human, diagnostic value of purified human antigen investigated as skin test in schistosomiasis, preliminary survey; immediate skin test response in patients receiving diethylcarbamazine therapy: Tanzania

Immunity, Skin tests

Ko et al 1980 Zentralbl Gynak 102 (5) 283-294

Schistosoma japonica, human, diagnostic value of purified human antigen investigated as skin test in schistosomiasis, preliminary survey; immediate skin test response in patients receiving diethylcarbamazine therapy: Tanzania

Immunity, Skin tests


Schistosoma mansoni, human, diagnosis, inhabitants of an endemic area tested using the immediate hypersensitivity tests for fascioliasis, chagiasis, filariasis, and schistosomiasis. Based on the results of this survey, chemotherapeutic and health education measures: Yamanashi Prefecture, Japan

Immunity, Skin tests


Schistosoma mansoni, human, diagnosis, inhabitants of an endemic area tested using the immediate hypersensitivity tests for fascioliasis, chagiasis, filariasis, and schistosomiasis. Based on the results of this survey, chemotherapeutic and health education measures: Yamanashi Prefecture, Japan

Immunity, Skin tests


Schistosoma mansoni, human, diagnosis, skin test, diagnostic value of purified human antigen investigated as skin test in schistosomiasis, preliminary survey; immediate skin test response in patients receiving diethylcarbamazine therapy: Tanzania

Immunity, Skin tests


Schistosoma mansoni, human, diagnosis, skin test, diagnostic value of purified human antigen investigated as skin test in schistosomiasis, preliminary survey; immediate skin test response in patients receiving diethylcarbamazine therapy: Tanzania

Immunity, Skin tests


Schistosoma mansoni, human, diagnosis, skin test, diagnostic value of purified human antigen investigated as skin test in schistosomiasis, preliminary survey; immediate skin test response in patients receiving diethylcarbamazine therapy: Tanzania

Immunity, Skin tests


Schistosoma mansoni, human, diagnosis, skin test, diagnostic value of purified human antigen investigated as skin test in schistosomiasis, preliminary survey; immediate skin test response in patients receiving diethylcarbamazine therapy: Tanzania

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Immunity, Skin tests
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1981 Indian J Med Research 73 Suppl Jan 107-110 Wm
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Immunity, Skin tests
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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

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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

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Immunization
[See also Immunization, Passive]

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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
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Immunization
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Babesia, Anaplasma, Theileria, Cowdria, chemoinmunization of ruminants, review, recommendations

Immunization
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Hymenolepis diminuta, immunologically mediated rejection from rats

Immunization
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Gaigeria pachyscelis, lambs vaccinated with irradiated and non-irradiated larvae, indirect haemagglutination test for detection of serum antibodies

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1981 Plasmodium berghei, rats, successful immunization with irradiated sporozoites, advantages of rat model over mouse model

Immunization
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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

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Bawden MP et al
1979 Bull World Health Organ 57 suppl 1 205-209 Wa
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1980 Internat J Nuclear Med and Biol 7 (2) 113-124 Wa
malaria, schistosomiasis, production of radiation-attenuated vaccines, review

Immunization
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1980 Infect and Immum 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)

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1980 J Hyg Epidemiol Microbiol and Immumol 25 (1) 1-5 Wa
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1979 Bull World Health Organ 57 suppl 1 33-36 Wa
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Immunization
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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

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Dirofilaria immitis, immunization of Mustelata putorius furo by means of infections chemically abbreviated by ivermectin

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Immunization
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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
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1980 J Parasitol 66 (2) Apr 340-342 Wa
Anaplasma marginale, 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

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Fasciola hepatica, mice and rats, effect of treatment with cortisone and challenge with live parasites

Immunization
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1980 J Vet Research 41 (7) July 1062-1065 Wa
Anaplasma marginale, cattle, effect of methods of immunization and examination of postvaccinal effects

Immunization
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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

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1980 Nature London (5754) 284 Mar 27 304-305 Wm
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Immunization
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Echinococcus granulosus, sheep (exper.), vaccination with heterologous larval antigen (Cysticercus tenuicollis) gave greater protection than vaccination with homologous or heterologous (Taenia hydatigena) adult antigen

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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, prevalent periods, and egg production in immunized vs. nonimmunized deer exposed to challenge suggested a naturally-acquired immunity: Georgia; South Carolina; Florida

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Leishmania mexicana, L. braziliensis, hamsters immunized with dead antigen and non-immunized hamsters, effect of treatment with cortisone and challenge with live parasites

Immunization
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1981 J Infect Dis 144 (3) Sept 270-278 Wa
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Immunization
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1980 Vet Parasitol 7 (1) June 51-57 Wa
Fasciola hepatica, attempts to immunize rats using fluke eggs and in vitro culture products

Immunization
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1980 J Parasitol 66 (2) Apr 340-342 Wa
Trypanosoma cruzi, mice, heterologous (BCG) and specific immunization, comparison of different immunization procedures

Immunization
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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 tests; practical implication is that Australian vaccine should protect cattle being introduced into southern Africa from S. bovis-free environments

Immunization
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Anaplasma marginale, cattle, immune response to live and inactivated Anaplasma vaccines, response to challenge, review

Immunization
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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
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Schistosoma mansoni, mice, resistance induced by normal and irradiated worms, ability of various stages to serve as inducers and targets

Immunization
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1979 Bull World Health Organ 57 suppl 1 93-100 Wa
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Immunization
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Immunization
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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
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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
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1981 Parasite Immunol 3 (3) Autumn 261-272 Wm
Trichinella spiralis, protection-inducing antigens from muscle larva, partial purification and characterization by molecular sieving chromatography and preparative flatbed isoelectric focusing

Immunization
Despommier DD; Laccetti A
1981 Exper Parasitol 51 (2) Apr 279-295 Wa
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Immunization
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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

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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

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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
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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
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Theileria parva, failure of Calmette-Guerin (BCG) organisms to protect cattle suggests that the host response to this non-specific immunization is poorly developed

Immunization
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1980 Vet Rec 107 (12) Sept 20 271-275 Wa
Dictyocaulus viviparus, calves (exper.), ivermectine, fendembazole, effect against primary infection and host resistance to reinfection

Immunization
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Fasciola hepatica, rate, heterologous protection against challenge by prior infection with Nippostrongylus brasiliensis, resistance appeared to be associated with prior induction of intestinal eosinophilia
Immunization
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1980 Indian J Med Research 72 July 23-32 Wa
Plasmodium knowlesi, rhesus monkeys, immune status after curative or suppressive/subcutaneous chloroquine therapy

Immunization
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1978 J Egypt Med Ass 61 (5-6) 433-448 Wm
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Immunization
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1980 Immunol Letters 2 (1) Aug 37-41 Wm
Theileria parva, cell-mediated immune responses during immunization and lethal or sub-lethal infections in cattle, mixed lymphocyte reactions, cell-mediated lympholysis

Immunization
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1980 Exper Parasitol 50 (3) Dec 358-368 Wa
Trypanosoma congolense, specific transformation in vitro of leukocytes from infected or immunized cattle

Immunization
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1980 Medicina Buenos Aires 40 Suppl (1) 257 Wm
Trypanosoma cruzi, mice, immunoprotective effect of flagellar fraction obtained from different homogenates

Immunization
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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, viability of emergent larvae

Immunization
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Immunization
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Anaplasma marginale, cattle, evaluation of potential of dodecanolic acid-conjugated vaccines in limiting isoimmune response; characterization of humoral immune responses to Anaplasma and erythrocyte components of Anaplasma vaccine

Immunization
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Anaplasma marginale, cattle, evaluation of immune response and protective capacity of dodecanolic 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

Immunization
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Haemaphysalis longicornis, rabbits repeatedly infested with female ticks, development of acquired resistance and production of precipitating and complement-fixing antibodies

Immunization
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1981 Internat J Parasitol 11 (4) Aug 287-300 Wa
Haemonchus contortus, structural changes of oncosphere associated with postembryonic development in immunized mice, damage to larvae possibly attributable to host immunity in immunized mice, ultrastructural level, interaction between host cells and parasite

Immunization
Gallie GJ; Bewell MWH
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
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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
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Dipetalonema vitaeae third-stage larvae, development within micro pore 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
Immunization
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1980 Poultry Science 59 (8) Aug 1715-1721 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
Glambrone 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, immunologic relationships among 5 Indian strains (virulence, protection against homologous and heterologous challenges)

Immunization
Gill BS; Bhattacharyulu Y; Kaur D
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
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 trypanomastigotes, histopathology

Immunization
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Nematospiroides dubius, mice, immunization with double-emulsion adjuvant + parasite antigen

Immunization
Goven BA; Dawe DL; Gratzek JB
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Ichthyophthirius multifilis, immunization of Ictalurus punctatus using ciliary and whole cell antigens of I. multifilis and Tetrahymena pyriformis, T. pyriformis ciliary antigens provided greatest degree of protection

Immunization
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Ichthyophthirius multifilis, protective immunity of Ictalurus punctatus against challenge infections by immunization with varying doses of Tetrahymena pyriformis ciliary antigen

Immunization
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Toxoplasma gondii, infective trophozoites attenuated by ultraviolet irradiation, may be useful in vaccines

Immunization
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Plasmodium berghei, isolation of soluble component which induces immunity in rats

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Immunization
Gwadz RW et al
1979 Bull World Health Organ 57 suppl 1 165-173 Wa
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Immunization
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1979 Bull World Health Organ 57 suppl 1 175-180 Wa
malaria, gamete vaccines and transmission-blocking immunity, review
Immunization
Haas B; Wenk P
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Liotomosoides 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 patenty is prevented

Immunization
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1981 J Helminth 55 (1) Mar 29-32 Wa

Immunization
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1981 Tr Roy Soc Trop Med and Hyg 75 (1) 147-148 Wa
A 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

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Trypanosoma brucei, variable antigen types in metacyclic population and in first parasitaemia population in fly-bitten mice, conclusions of possible relevance to vaccination

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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
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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, determinstic model to compare various control strategies for parasites having 2 hosts

Immunization
Holbrook TW; Cook JA; Parker BW
1981 Infect and Immn 32 (2) May 542-546 Wa
Plasmodium berghei, mice, strong adjuvant effect of glucan injected simultaneously with killed erythrocytic stages of parasite

Immunization
Hollbrook TW; Cook JA; Parker BW
1981 Am J Trop Med and Hyg 30 (4) July 762-768 Wa
Leishmaniosis donovani, mice, immunization, glucan as adjuvant with killed promastigotes, glucan injected alone elicited lesser degree of (nonspecific) resistance

Immunization
Hollbrook TW; Cook JA; Parker BW
1981 J Helminth 55 (1) Mar 29-32 Wa
Trypanosoma brucei in mice using larvae attenuated by cobalt 60 irradiation

Immunization
Holbrook TW; Cook JA; Parker BW
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Trypanosoma brucei, variable antigen types in metacyclic population and in first parasitaemia population in fly-bitten mice, conclusions of possible relevance to vaccination

Immunization
Hollbrook TW; Cook JA; Parker BW
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A 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
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1981 J Parasitol 57 (2) May 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
Hsu HF; Hsu SYL; Eveland LK
chisotomiasis vaccination, historical development, present status and future prospects, extensive bibliography

Immunization
Hsu SYL; Hsu HF; Burmeister LF
1981 Exper Parasitol 52 (1) Aug 91-106 Wm
Schistosoma mansonii, 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 Wm
Trypanosoma cruzi, modelling the host and the parasite (in vivo and in vitro studies), immune response (immunity to infection, immunity and pathology, immunization and immunoprophylaxis), monoclonal antibodies as immunological tools, review

Immunization
Hughes DL; Harness E; Poy TG
1981 Research Vet Sc 30 (1) Jan 93-98 Wm
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 113-126 Wm
Plasmodium gallinaceum, chicks, vaccination by erythrocytic and exoerythrocytic parasites attenuated by gamma irradiation

Immunization
Hurley JC; Day KP; Mitchell GF
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
Hussain MF
1980 Tr Roy Soc Trop Med and Hyg 74 (5) 559-560 Wm
Schistosoma bovis, prospects for control in Sudanese cattle by vaccination, review

Immunization
Irvin AD; Boarer CDH
1980 Parasitology 80 (3) June 571-579 Wm
Theliceria, implications of sexual cycle (taxonomy, genetics, practical implications, vaccination)

Immunization
Ito A
1980 Exper Parasitol 49 (2) Apr 248-257 Wm
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 Wm
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 Wm
Entamoeba histolytica, guinea pigs immunized with low grade infection, protection against subsequent challenge, humoral (indirect haemagglutination and countercurrentimmunoelctrophoresis 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 Wm
production and cryopreservation of schistosomula for use in vaccination, review

Immunization
James MA; Alger NE
1981 Internat J Parasitol 11 (3) June 217-220 Wm
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 Wm
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 LJ; Brun R
1981 Tr Roy Soc Trop Med and Hyg 75 (1) 150-151 Wm
Trypanosoma brucei, in vitro cultures initiated with metacyclic forms, antigenic variation, immunization of mice

Immunization
Johnson KP; Chi LW
Trypanosoma brucei, mice, immunization, N-methyl-N-nitro-N-nitrosoguanidine tested as attenuating agent

Immunization
Kaliraj P; Chirinikar SN; Harinath BC
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
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
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
Kutler KL; Johnson LW
1980 Am J Vet Research 41 (4) Apr 536-538 Wa
Babesia bovis, adult intact cattle, splenectomized calves, immunization with Freund's complete adjuvant-vaccine containing B. bovis antigen

Immunization
Laingorne 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 jaccus 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
Lee 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
Leichuk 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, polyethersomal 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
Licois D; Coudert F
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 irradiated 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 HV; Nelson WO
anaplasmosis, comparisons of complement-fixation and agglutination tests with calf inoculations for detection of carriers in herd of cattle 15 months after discontinuing vaccination for anaplasmosis

Immunization
McHardy N; Elphick JP
1980 Ztschr Parasitenk 62 (1) 39-45 Wa
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
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
Mahoney DF; Wright IG; Goodger BV
1981 Acta Zool Sinica 26 (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
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
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
1980 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 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
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 norvegi-
cus, modification of antigens during infection,
worm expulsion (after 4 weeks in female host
and 8 weeks in male host), resistance to re-
fection

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 culti-
vation of larval stage

Immunization
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 modifici-
ation of any protective effect conferred by
immunomodulatory compound levamisole

Immunization
Mitchell GP; Curtis JM; Handman E
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 ex-
amined

Immunization
Mitchell GJ 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 mer-
tussis organisms as immunological adjuvants

Immunization
Mrema JEX et al
1979 Bull World Health Organ 57 suppl 1 65-68
Wa
Plasmodium falciparum, harvest of merozoites
from continuous culture, implications for
development of human malaria vaccine

Immunization
Mukerji K et al
1981 J Biocesc 3 (1) Mar 77-82 Wa
Ascaris lumbricoides, guinea pigs, immuniza-
tion, 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 stimula-
tion, protected mice have capacity to produce
humoral factor with anti-F. 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 vacci-
nated-protected nu/+ mice varied markedly

Immunization
Murray W et al
1979 Acta Trop 36 (4) Dec 297-322 Wa
Nippostrongylus brasiliensis, rats, immuniza-
tion with killed adult worm antigen, para-
eters 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 Expert 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 immu-
низation 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, examina-
tion for promastigotes, incidence of leishma-
nia parasites in lizards, incidence of human
kala-azar, possible role of vectors of lizard
leishmaniasis in partial immunization of hu-
man 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 in-
fection in mice already infected

Immunization
Nantulya VM; Doyle JJ; Jenni L
1980 Parasitology 80 (1) Feb 189-197 Wa
Trypanosoma congolense, experimental immu-
низation of mice against tsetse fly challenge

Immunization
Neal RA; Johnson P
1977 Acta Trop 34 (1) Mar 87-96 Wa
Trypanosoma crusi, 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 sporozo-
ites in immunoprophylaxis, review
Immunization

Nwaorgu GC; 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 diethylcarbamazine 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 radioimmunassay, 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

Onwumie 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; Cochran AH; Nussenzweig RS
1981 Nature London (2813) 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 and nursed by sporozoite-immunized adult female mice

Immunization

Orjih AU; Nussenzweig RS
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; Beach DD; Farmer SM
1980 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

Pauluzzi S et al
1980 Austral Vet J 56 (6) June 267-271 Wa
Anaplasma marginale, Boos 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
Echinococcus granulosus, mice, immunogenic fractions of scolices used as vaccinating antigens

Immunization

Peresan G; Cioli D
Schistosoma mansoni, mice, resistance to cercarial challenge after adult worm transfer

Immunization

Phillips SM; Reid WA
1980 Internat J Nuclear Med and Biol 7 (7) 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
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 le-
thal infection and in mice protected by immu-
nization

Immunization
Powell C; Mathaba LT
Trypanosoma rhodesiense, sheep inoculated
with homogenate vs. sheep inoculated with
'reaction 3', IgG and IgM antibody response,
degree of immunoprotection against challenge
with Trypanosoma 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 ir-
radiated infected blood were completely pro-
tected against field challenge, clinical, sero-
logic, 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, qui-
nuronium sulphate inoculated at various times,
animals resisted subsequent challenge but re-
mained 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 immuni-
zation 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,
onspheres, 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
Razai HR et al
1980 Acta Trop 37 (1) Mar 21-29 Wa
Trypanosoma brucei gambiense, immunization by
homologous and heterologous organisms

Immunization
Ribeiro RD et al
Trypanosoma cruzi, 3 strains isolated from
Callithrix jacchus were pathogenic for white
mice, experimental infection of T[riatoma]
infestans, T. vitriceps, and R[hodnius] ne-
eglectus, 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, pre-
liminary field trial using antigens collected
during in vitro cultivation of T. saginata or
T. hydatigena oncospheres

Immunization
Rickard MD; Brumley JI
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 disag-
tegration 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, immu-
nization with 3 nonviable blood-stage antigens,
response to challenge, haematology, indirect
fluorescent antibody test, IgG values, radio-
imunoassay values, opsonization and merozoite
inhibition tests, B and T cell values, lympho-
cyte transformation test, intradermal skin test
Immunization

Rieckmann NH 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

Kodwell 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 258-250
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 sera, 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 titer of immune serum remained high

Immunization

Samantaray RN; Bhattacharyulu Y; Gill BS
1980 Internat J Parasitol 10 (3-6) 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
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 (379) 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
Smith RD et al
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
Smirkovski LL
1981 Infect and Immum 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
Sarkovskii 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 MC; Mizuta K; Ikemoto H
184-191 Wm
Herpetomonas samuellpessouai, 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 165-174 Wa
Theileria parva, T. annulata, bovine lymphocyte antigen 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
Biophallocirura giblara 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
Schistosoma mansoni, attrition of challenge worm in irradiation-attenuated cercaria-immunized mice as function of site and time

Immunization
Storey DM; Mattias RF
1980 Ann Trop Med and Parasitol 74 (2) Apr 211-218 Wa
Litomosoides carinii, suppression of microfilaraemia 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) A34-835 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 36 (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 Immum 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
Tertienet ZI; Zeledon R
1980 Ann Parasitol 55 (1) Jan-Feb 87-96 Wa
Leishmania hertigi live vaccine with complete Freund's adjuvant vs. L. hertigi extract with incomplete adjuvant, hamster 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/N mice in contrast to prolonged microfilaraemia 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
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 + muramyldipeptide

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 26 180-182 Wa
Dictyocaulus viviparus, calves, levamisole or fenbendazole treatment followed by reinfection, clinical signs, worm burdens, pathology, completely 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
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
Viyansant V
Schistosoma mansoni, proteins from schistosoma mula 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
Vizzacino O et al
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 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
Wikel SK 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. rectal fly-inoculated infections, and challenge with homologous vs. heterologous strains

Immunization
Wikel SK; 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
Wery M et al
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 immuno-fluorescence in the antigenicity of the different lines or clones used for immunization

Immunization
Wery M; Timperman G
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
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 *F*1 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 supnl 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 (exp.), 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 H et al
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 (exp.), 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 K; Rudolph R
1980 Zentralbl Vet Med Reihe B 27 (1) 36-46 Wa
Capillaria hepatica in Mastomys natalensis (exp.), 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 Immunology, Precipitation

Immunoelectrophoresis
See Immunology, Precipitation

Immunofluorescence
Abdulla RE
visceral leishmaniasis, human, serodiagnosis, immunofluorescence, immunodiffusion, counter-immunoelectrophoresis

Immunofluorescence
Al-Alousi TI; Latif FMA; Al-Shenawi FA
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) 515-519 Wm
toxoplasmosis, rheumatoid factors a cause of non-specific results in IgM antitoxoplasma fluorescence tests

Immunofluorescence
Ambroise-Thomas P; Desgeorges PT
1980 Ann Biol Clin 38 (5) 315-319 Wm
detection of circulating antigens and antibodies, results compared favorably with those using indirect agglutination and immunofluorescence

Immunofluorescence
Ambroise-Thomas P; Desgeorges PT; Bouttaz M
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
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) 417-423 Wa
*Babesia lottor* sp.n. in Procyon lotor (erythrocytes) (nat. and exper.), parasitemia post-splenectomy, 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 infected with *Ixodes texanus*; Dermacentor variabilis, *I. dammini*, and *I. cookei* also found on raccoons: Connecticut, USA
Immunofluorescence
Anthony RL; Christensen HA; Johnson CM
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
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
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
Wm

Toxoplasma, humans, diagnosis, immunological test comparisons (immunofluorescence, Sabin-Feldman dye test, complement fixation, indirect hemagglutination test)

Immunofluorescence
Balsari A et al
Wm

Toxoplasma gondii, enzyme-linked immunosorbent assay for antibody detection, comparison with other serodiagnostic tests

Immunofluorescence
Barrabes A et al
1980 Ann Parasit 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
Wm

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 Tzsch Parasitenk 64 (3) 285-296
Wa

Trypanosoma brucei gambiense, 5 stocks from different endemic focus 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
Bennard S; Haase M; Guidot G
1980 Berl u Munchen Tierarzt 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

Immunofluorescence
Biggar RJ; Collins WE; Campbell CC
Wa

Malaria, infants, frequency of transplacental malarial antibodies, their duration and protective, clinical and serological response to primary infection, indirect immunofluorescent technique using antigens of Plasmodium falciparum, P. ovale, and P. malariae: Acrea, 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
Wm

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 Bull 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 anti-toxoplasma 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
Cailtiez 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
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
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

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
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
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
Clonorchis sinensis, human sera, diagnosis, evaluation of the indirect fluorescent antibody test using adult worm antigen

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 NZ Journal Vet J 28 (8) Aug 156-158 Wa
Paragonimus westermani, Clonorchis sinensis, human serum, diagnosis, indirect fluorescent antibody test

Immunofluorescence
Collins WE et al
Onchocerca volvulans, 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 anti-
body reaction and enzyme-linked immunosor-
ent assay compared for demonstration of antibodies
against schistosome gut-associated polysaccha-
ride antigens

Immunofluorescence
Deelder AM; Kornelis D
1980 Trop and Geogr Med 33 (1) Mar 36-41 Wa
Schistosoma mansoni, humans, immunodiagnosis of
recently acquired infection, comparison of vari-
ous 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 fluo-
rescent antibodies in serum, useful in evaluat-
ing success of chemoprophylaxis, detecting in-
fected in potential blood donors, and in evalu-
ating febrile illnesses

Immunofluorescence
Derouin F et al
1980 Path Biol 28 (7) Sept 465-468 Wa
Schistosomiasis, human, enzyme-linked immuno-
sorbent assay using Schistosoma mansoni anti-
gens, false positive reactions with certain other parasitic and non-parasitic diseases,
comparison with immunofluorescence and immuno-
enzymology 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 Wucher-
eria bancrofti microfilariae and serum anti-
gens of W. bancrofti-infected subjects demon-
strated with inhibition of indirect immuno-
fluorescence and enzyme-linked immunosor-
ent assay technique respectively

Immunofluorescence
Dissanayake S; Korne Silva LVK; Ismail MM
1980 Tr Roy Soc Trop Med and Hyg 74 (4) 542-544 Wa
Wuchereria bancrofti, human, antifilarial anti-
body in maternal and umbilical cord blood de-
termined by indirect immunofluorescence, en-
zyme-linked immunosorbent assay, and radio-
imnoassay, 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 18-25 783-790 Wa
Toxoplasma gondii, 28-year-old man, case re-
port, acquired infection with meningoencepha-
litis, diagnosis by fluorescent antibody analy-
sis 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 comple-
ment fixation and immunofluorescent antibody tests in prevalence survey; presence of tick vectors: Sultanate of Oman

Immunofluorescence
Draper CC; Sirr SS
Plasmodium cynomolgi bastianiellii, accidental in-
fected of 2 laboratory workers, case re-
views, usefulness of fluorescent antibody test and counterimmunoelectrophoresis in differen-
tiating Plasmodium species

Immunofluorescence
Duffus WPH; Franks D
Plasmodium cynomolgi bastianiellii, accidental in-
fected of 2 laboratory workers, case re-
views, usefulness of fluorescent antibody test and counterimmunoelectrophoresis in differen-
tiating Plasmodium species

Immunofluorescence
Dutta SN; Diesfeld HJ
1978 Indian J Med Research 67 Apr 553-561 Wa
Theileria parva, cattle (nat. and exper.), immuno-
diagnosis, comparison of 5 serological tests using piroplasm antigen (indirect fluo-
rescent antibody, indirect haemagglutination,
complement fixation, capillary agglutination, and immunodiffusion)

Immunofluorescence
Edrissian GN et al
cutaneous and visceral leishmaniasis, human, serodiagnosis, indirect fluorescent antibody test using Leishmania infantum as antigen: Iran
Immunofluorescence
Fasan PO et al
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
Fleury P et al
1980 Tropenmed u Parasitol 32 (3) Sept 134-140 Wa
Trypanosoma cruzi, human, prevalence by age and sex, parasitological examination (hemocrit 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 Sc lavo 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

Immunofluorescence
Fujinaga T; Minami T
1980 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 (Koch-Linde 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 antigastic 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 implicated in congenital and neonatal disease including Toxoplasma gondii

Immunofluorescence
Galvao VA
Capillaria hepatica, children, diagnosis, immunofluorescence: Bahia, Brazil

Immunofluorescence
Ganguly NK et al
1981 Indian J Med Research 73 Suppl Jan 111-113 Wm
Giardia lamblia, humans, serodiagnosis, comparative evaluation of indirect haemagglutination and immunofluorescence tests

Immunofluorescence
Gardiner PR; Jones TW; Cunningham J
1980 J Protozool 27 (3) Aug 310-320 Issued Oct 9 Wm
Trypanosoma brucei, in vitro-produced metacyclics 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, histopathological appearance, immunofluorescent study of lymph node biopsies

Immunofluorescence
Gillet J; Herman F
Plasmodium falciparum, sampling, preservation, 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 Wm
Entamoeba histolytica, detection in rectal biopsies, comparison of direct and indirect fluorescent antibody techniques with 4 conventional stains

Immunofluorescence
Gittelman DJ et al
1981 J Clin Microbiol 13 (2) Feb 309-312 Wm
Dirofilaria immitis, dogs, serodiagnosis, quantitative automated fluorescent immunosassay technique compared with manual semi-quantitative enzyme-linked immunosorbent assay

Immunofluorescence
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

Immunofluorescence
Gonzalez Cappa SM et al
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

Immunofluorescence
Gordon HA; Duncan RA; Kingsley LC
1981 J Clin Microbiol 13 (2) Feb 283-285 Wm
Toxoplasma gondii, human, serodiagnosis, automated immunofluorescence test compared to standard indirect fluorescent antibody method

Immunofluorescence
Goven BA; Davee DI; Gratzek JB
1981 Develop and Comp Immunol 5 (2) Spring 283-289 Wm
Ichthyophthirius multifiliis, Tetrahymena pyriformis, in vitro demonstration of serological cross-reactivity (immobilization test, indirect fluorescent antibody staining, passive haemagglutination), results indicate antigenic relationship

Immunofluorescence
Gray MA et al
1980 Research Vet Sc 29 (3) Nov 360-366 Wm
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.

Immunofluorescence
Grove DJ; Blair AJ
1981 Am J Trop Med and Hyg 30 (2) Mar 344-349 Wm
Strongyloides stercoralis, human, diagnosis, indirect immunofluorescent antibody assay using Strongyloides ratti and S. stercoralis larvae

Immunofluorescence
Guimaraes MCS et al
1981 Am J Trop Med and Hyg 30 (5) Sept 942-947 Wm
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

Immunofluorescence
Gupta RM et al
1981 J Trop Med and Hyg 84 (4) Aug 165-170 Wm
Plasmodium falciparum, sampling, preserved in dried slides, serodiagnosis, quantitative automated fluorescent immunosassay technique compared with manual semi-quantitative enzyme-linked immunosorbent assay
Immunofluorescence
Hamburger J; Ben-Sasson SA
1981 Trop Med and Parasitol 32 (1) Mar 43-47 Wm
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 Wm
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 Wm
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 Wm
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 Wm
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
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 Wm
Entamoeba histolytica, identification of trophozoites in preserved stool specimens using indirect immunofluorescence

Immunofluorescence
Heyberger K et al
1979 Sborn Lekar 83 (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 JF; Jones TW
Babesia rodhaini, B. microti, B. muratovi (= Nuttallia musculi), serological differentiation with fluorescent antibody staining technique

Immunofluorescence
Hinandy MK
1981 Berl u Munchen Tierarztl Wchnschr 94 (7) Apr 1 121-125 Wm
Babesia divergens, cattle (nat. and exper.), immunization with formalin-killed vaccine showed highest immunogenicity in indirect fluorescent antibody test as compared with g-propiolactone or with a lyophilized vaccine; effective immunization of cattle in endemic areas in Styria using formalin-vaccine

Immunofluorescence
Hoernchner F; Boffenschen F; Zander B
1979 Tropenmed u Parasitol 30 (3) Sept 265-273 Wm
Trypanosoma b. brucei, T. congolense, T. vivax, serological differentiation, immunoperoxidase, immunofluorescence, immunoperoxidase-complement fixation, and immunofluorescence-complement fixation tests compared

Immunofluorescence
Hommel M; David PB
1981 Infect and Immum 13 (1) July 275-284 Wm
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 K; 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 WM; Maggio ET
1980 Clin Chim Acta 103 (3) May 9 393-398 Wm
Toxoplasma gondii, solid-phase fluoroimmunoassay for detection and quantitation of human anti-Toxoplasma antibodies

Immunofluorescence
Ibeziako PA; Okerengwo AA; Williams AI
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 AIJ
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
Iardi I; Petracca G
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 Pac Med Vet e Zootec Univ S Paulo 15 (1) 45-49 Wm
Toxoplasma gondii, comparative study of Sabin-Feldman and indirect fluorescent antibody techniques for anti-Toxoplasma antibodies evaluation in swine serum

Immunofluorescence
Jacquenin 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
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 Ceska 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
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 Wm
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 Wm
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
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 Ophth Japon) 84 (9) Sept 10107-1112 Wm
Toxoplasma gondii, strain RH tachyzoites, assessment and characterization of membrane antigen, localization of membrane antigen in the tachyzoite by immunoelectron microscopy, 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 Wm
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 Ophth Chicago 98 (3) Mar 475-479 Wm
Acanthamoeba castellani, 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 Wm
Cooperia oncophora, cattle, coelostral 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 Knappen F et al
1980 Vet Parasitol 7 (2) Sept 109-121 Wm
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 Ceska 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 Wm
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 Wm toxoplasmosis, human, diagnosis, effect of presence of rheumatoid factors on results for determination of antiglobulin IgM antibodies by immunofluorescence and agglutination techniques

Immunofluorescence
Lanotte G; Rioux JA; Fratlong F
1980 Ann Parasitol 55 (6) Nov-Dec 635-643 Wm 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 Wm Schistosoma haematobium, S. mansoni, human sera, diagnosis, indirect immunofluorescence using homologous vs. heterologous antigens, combined antigens may be useful for epidemiologic surveys

Immunofluorescence
Lapierre J et al
1979 Bull Soc Path Exot 72 (2) Mar-Apr 148-152 Wm Schistosoma mansoni, sera from central and west African groups vs. West Indians, differences 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 349-356 Wm Schistosoma haematobium, S. mansoni, mice, diagnosis, indirect fluorescent antibody technique, heterologous and homologous antigens compared

Immunofluorescence
Lauedanska H et al
1980 Przegl Dermat 67 (2) Mar-Apr 187-192 Wm Trichomonas vaginalis, patients with asymptomatic or latent forms, indirect immunofluorescence test useful diagnostic tool

Immunofluorescence
Le Bras J et al
1980 Ann Soc Belge Med Trop 60 (2) June 163-171 Wm Dracunculus medinensis, infected human serum, specific antibody pattern without cross reaction with other parasitic infections, study used several immunodiagnostic tests

Immunofluorescence
Lewis D; Herbert I
1980 Vet Rec 107 (15) Oct 15 352-353 Wm 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 K; 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

Immunofluorescence
Lin CT; 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 Wm Toxoplasma gondii, human, standardized quantitative enzyme-linked immunosorbent assay for detection of antibodies, comparison with dye test, indirect immunofluorescence test, and passive hemagglutination test

Immunofluorescence
Voor Loon A; van der Veen J
1980 J Clin Path 33 (7) July 635-639 Wm Toxoplasma gondii, enzyme-linked immunosorbent assay for quantitation of antibodies in human sera, sensitivity compared with immunofluorescence and complement fixation

Immunofluorescence
Lopez-Brea M
1980 Tr Roy Soc Trop Med and Hyg 74 (2) 283-284 Wm kala-azar, human, 3 cases, diagnosis and serological followup using Cithridia sp. as antigen in immunofluorescence test

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Immunofluorescence
Laudanska H et al
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Immunofluorescence
Lopez-Brea M
1980 Tr Roy Soc Trop Med and Hyg 74 (2) 283-284 Wm kala-azar, human, 3 cases, diagnosis and serological followup using Cithridia sp. as antigen in immunofluorescence test
Immunofluorescence
McGreery PB et al
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 microfilaremia 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 Rhizophalus appendiculatus

Immunofluorescence
Magnus E et al
Trypanosoma brucei gambiense, humans, diagnostic, 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
Trypanosoma brucei rhodesiense, 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 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
Mittal S et al
1978 Indian J Med Research 67 Mar 367-373 Wa
Amebiasis, human, serodiagnosis, indirect fluorescent antibody test using axenic Entamoeba histolytica, comparison with indirect hemagglutination test

Immunofluorescence
Monjou L et al
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
Moot 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 PS
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
Niederkorn JY; Shadduck JA; Weidner E
1980 J Parasitol 66 (4) Aug 675-677 Wa
Microsporidia sp., 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, fetal egg count, splenomegaly, and fluorescent antibody levels: Cote d'Ivoire

Immunofluorescence
Omanga U; Mugganga N
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 Ophth Japon) 84 (9) Sept 1408-1416 Wa
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 celluloase 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 Quarr 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
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
Pissens WF et al
1980 Am J Trop Med and Hyg 29 (4) July 563-570 Wm
Brugia malayi, human, anti-microfilarial sheath antibodies of different immunoglobulin classes detected by indirect immunofluorescence, antibodies promoting adherence of Buffy coat cells to microfilariae, immobiloglobulin 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 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; van de Water TPM
1980 Acta Leidensia 48 37-42 Wa
toxocarasisis, 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 Tropenned 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 Wa
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 Wa
Schistosoma mansoni, humans, nonspecific immunofluorescence of adult worms, role of anti-smooth muscle anti-bodies in differential diagnosis
Immuno fluorescence
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, rapid immunoassay values, opsonization and merozoite inhibition tests, B and T cell values, lymphocyte transformation test, intradermal skin test

Immuno fluorescence
Robert R; Chabasse D; Hocquet P 1981 Biomedicine Express 35 (2) May 61-65 Wa
antitoxoplasma IgM detection by indirect immuno fluorescence antibody test and passive hemagglutination test, diagnostic errors can be avoided by using protein A of Staphylococcus aureus to eliminate IgG from serum being tested

Immuno fluorescence
Trypanosoma brucei gambiense, chronic infection, Nigerian student, diagnosed by computerized axial tomography and immuno fluorescence: Oklahoma

Immuno fluorescence
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

Immuno fluorescence
Rodriguez Osorio M; Gomez Garcia V; Campos Bueno M 1977 Rev Iber Parasitol 37 (1-2) Jan-June 379-385 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

Immuno fluorescence
Rotmans JP; Mooij CW 1980 Tr Roy Soc Trop Med and Hyg 74 (4) 465-468 Wa
Schistosoma mansoni, separation of adult worm antigen fractions, use in defined antigen subphase system and enzyme-linked immunosorbent assay with serum from schistosomiasis patients, cross-reactivity with serum from patients with other helminth infections

Immuno fluorescence
Babesia microti-infected humans, development and persistence of antibody, indirect immuno fluorescence test

Immuno fluorescence
Salifeld A; Mannweiler E 1981 Tropmed u Parasitol 32 (3) Sept 194-196 Wa
cutaneous and 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

Immuno fluorescence
sleeping sickness, human, epidemiological situation, evaluation of use of indirect immunofluorescence and capillary-tube passive hemagglutination: Boufale, Cote-d'Ivoire

Immuno fluorescence
Sampaio RNR et al 1980 An Brasil Dermat 55 (2) Apr-June 69-76 Wa
Leishmaniasis, patients with American mucocutaneous infections, histological and immunological diagnosis, therapy: Sobradinho, Brasilia

Immuno fluorescence
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

Immuno fluorescence
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

Immuno fluorescence
Schutte CHJ et al 1980 South African Med J 58 (2) July 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

Immuno fluorescence
Shaw JH; 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 immunofluorescence 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 Breinlia booliati-infected rats, indirect immunofluorescence antibody technique, microfilarial and adult worm antigens, antibody levels in microfilaraemic rat sera, post-patent rat sera, and microfilaraemic 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 FLAX (fibroimmunossay) 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

Immunofluorescence
Spelser F 1980 Tropenmed u Parasitol 31 (4) Dec 459-466 Wa filariasis, echinococcosis, human, serodiagnosis, enzyme-linked immunosorbent assay using Echinococcus granulosus hydrazid 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

Immunofluorescence

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 precipitins by immunofluorescence

Immunofluorescence
Stevens DL et al 1979 Am J Gastroenterol 72 (3) Sept 234-238 Wa Entamoeba histolytica, Caucasian male, case report, hepatic abscess, nonreactive to immunological tests preoperatively, motile hematoxyphilous 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 epidemiologic 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 Li; 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
T[rypanosoma] cruzi, humans, diagnosis, indirect immunofluorescence reaction, preservation of imprints

Immunofluorescence
Plasmodium vivax, human, malaria antibody (indirect immunofluorescence) and parasitaemia patterns in one immune (native Jivaros Indians) and one non-immune (oil field workers) population in malaria 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 immunoabsorbent assay technique, comparison with indirect fluorescent antibody technique

Immunofluorescence
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 WJ et al 1980 J Coll Dairying Wat 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 Immum 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
Schistosoma mansoni, S. haematobium, naturally infected human v. 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 EPT; Eyakuze VM 1980 Bull Soc Path Exot 73 (4) 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 74 (3) 375-380 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, ELISA also used for Schistosoma mansoni

Immunofluorescence
Thomas V; Ogunba EO; Fabiyi A 1978 African J Med and Pub Health 30 (1 pt 1) Jan 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, humans, indirect fluorescent antibody prevalence in relation to age group, sex, and ethnic group, prevalence of specific IgM antibodies: Malaysia
Immunofluorescence
Tikasingh E et al
Plasmodium malariae, human, outbreak probably due to renewal of transmission from recrudescent cases, serology used to help define epidemic (indirect fluorescent antibody test by age group using P. brasiliianum, P. falciparum, and P. fieldi as antigens); Grenada

Immunofluorescence
Topi GC et al
1978 Med Cutan Ibero-Latino-Am 6 (3-4) 185-192 Wa
Toxoplasma gondii, humans, case reports, chronic purigo, 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 wenyoni, E. tuomii, antigenic non-relationship demonstrated by immunofluorescence 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
Cryptosporidium, antibodies detected by indirect immunofluorescence in over 80% of sera from 10 animal species including humans

Immunofluorescence
Vivasvara 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

Immunofluorescence
Voller A
1980 Internat J Nuclear Med and Biol 7 (2) 157-163 Wa
use of immunofluorescence, enzyme-immunoassay, and radiolimmunoassay 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-radiolimmunoassay test, comparison with complement-fixation, indirect hemagglutination, and immunofluorescence tests

Immunofluorescence
Vullo V et al
1979 Ann Clnc 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 Fortbildung 74 (7) Apr 1 337-339 Wa
Toxoplasma gondii, humans, diagnostic survey using the indirect fluorescent antibody test; Suhl district

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
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

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 93 (20)
Oct 13 398-400 Wa
Babesia canis, B. gibsoni, dogs (exper.), parasitaemia and antibody formation, indirect fluorescent antibody test and enzyme-linked immunosorbent assay using B. rodhaini antigens
Immunoglobulins
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 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

Immunofluorescence
Wolstenholme B; Fripp PJ
1981 Tr Roy Soc Trop Med and Hyg 75 (4) 614-615 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
Ackerman S et al
1981 J Parasitol 67 (5) Oct 737-740 Wa
Schistosomiasis, human, diagnosis, microscopic slide preparation of Schistosoma mansoni cercariae for indirect fluorescent antibody test

Immunoglobulins
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

Immunoglobulins
Adams DB; Merritt GC; Cripps AW
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

Immunoglobulins
Auriault 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 Wa
Onchocerca volvulus, increased levels of IgG and IgM in infected Guatemalan patients, no differences found in IgA and IgM levels, quantitative determinations using laser immunossay 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 Exp Parasitol 51 (2) Apr 159-168 Wa
Echinococcus granulosus, inflammatory changes elicited by attenuated and virulent isolates: fluctuations in immunoglobulins, card test titers and total WBC compared and correlated with parasitemia

Immunoglobulins
Araujo-Fontaine A; Thierry R; Heid E
1977 Ann Dermat et Venereol 104 (3) Mar 203-205 Wa
Scabies, humans, IgE elevated in 15 of 100 cases studied

Immunoglobulins
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

Immunoglobulins
Auriault C et al
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

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
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, subcutaneous 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 re-infection

**Immunoglobulins**

**Ben-Ismail R et al**
1980 Vox Sanguvinis 38 (3) Mar 165-168 Wa fascioliasis, hydatidosis, humans, anti-Pl allohemaggulitins, automated assay, IgM nature

**Immunoglobulins**

**Blaser M; et al**
1981 Ann Trop Med and Hyg 29 (5 pt 1) Sept 849-857 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 Wa 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 KH et al**
1980 Bull World Health Organ 58 (3) 449-457 Wa Plasmodium berghei-infected rats, humoral auto-immune responses to developing reticuloctyes, significant levels of cold IgM and IgG isoamhaggulitins detected in serum, infected reticuloctyes more sensitive than uninfected cells, results indicate that presence of parasite resulted in exposure of membrane isoantigens normally masked

**Immunoglobulins**

**Brown P; Charley-Poulain J; Pery P**

**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 (IgG-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 cytotoxicity mechanism, cytophilic binding of IgG to rat macrophage, effects of IgG-macrophage interaction on cellular metabolism, specificity of IgE binding site, review
Immunoglobulins
Capron A; Dessaint JP
1980 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 A; Dessaint JP; Capron M
1980 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 hyperergic 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 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

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 hyperergic 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 (3793) 289 Jan 1-8 71-73 Wa
Schistosoma mansoni, demonstration that mast cell mediators like EGF-A (eosinophil chemotactic factor of anaphylaxis) tetrapeptides can not only promote eosinophil recruitment but also increase IgE-mediated eosinophil cytotoxicity against Schistosoma targets by enhancing expression of eosinophil IgG Fc receptors

Immunoglobulins
Carrié B et al
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 Wa
Strongyloides stercoralis, 18 patients with mild or asymptomatic infections, total IgE serum levels determined by the radioimmuno sorbent method, 7 had elevated levels

Immunoglobulins
Carosi G et al
1980 Bull Ist Sieroterap Milanese 59 (1) Mar 25-30 Wa
Toxoplasma gondii, immuno-electron microscopic localization of antigenic sites for specific IgG and IgM on parasite surface, possible practical application

Immunoglobulins
Corsini AC; Vilela MMS; Piedrabuena AE
1981 Trop Environ Health 26 (2) June 82-86 Wm
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
Correa V; Toledo M; Lima G; Gusmano A; de Carvalho A Jr; Mellow GH
1981 J Immunol 126 (1) July 166-173 Wa
Nippostrongyulus brasiliensis, induction of FcR+ lymphocytes in high IgE responder mice by infection

Immunoglobulins
Cifarelli F et al
1980 Nature London (5793) 289 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 Internat Cong Cell Biol (Berlin (West) 21 (3) May-June 347-353 Wm
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 Trop Environ Health 26 (2) June 82-86 Wm
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 GC
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 Hippostrongylus brasiliensis, evaluation of ability of mast cell-deficient W/Wv 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 -responder 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'Alesandro PA; Clarkson AB jr
1980 Exper Parasitol 50 (3) Dec 384-396 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 -responder 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
Doy TG; Hughes DL; Harness E
1981 Research Vet Sci 30 (3) May 357-359 Wa Fasciola hepatica, rats, hypersensitivity, lack of correlation between serum reaginic antibody levels and rejection of flukes

Immunoglobulins
Duerrmeyer 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
Dussuf WPH; Franke D
1981 Parasitology 82 (1) Feb 1-10 Wa Fasciola hepatica, interaction in vitro between juvenile flukes and bovine immunoglobulins directed against fluke outer glycoalyx, indirect fluorescent antibody assay

Immunoglobulins
Facer CA
1980 Clin and Exper Immunol 39 (2) Feb 279-288 Wa Plasmodium falciparum, Gambian children, association between direct Coombs anti-IgM positivity and malaria, antigen specificity of erythrocyte-bound IgM, mechanism of erythrocyte sensitization, results add to and confirm major role of immune complex formation in immunopathology of falcinarum malaria
Immunoglobulins

Facer CA
1980 Clin and Exper Immunol 41 (1) July 81-90 Wm
Plasmodium falciparum, Gambian children, direct antiglobulin reactions, IgG subclass and Gm allotype distribution of red cell-bound IgG molecules, association with anemia

Immunoglobulins

Falk RS
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
1981 J Clin Microbiol 12 (3) Sept 336-342 Wm
Toxoplasma gondii, mice experimentally infected with Toxoplasma gondii, IgG and IgM polar staining in indirect immunofluorescence test, prevalence of positive reactions in sera of patients with Toxoplasmosa crusi, Leishmania donovani, and L. braziliensis

Immunoglobulins

Fayez MA et al
1978 J Egypt Med Ass 61 (7-8) 463-470 Wm
schistosomiasis, humans with hepatic bilarzial 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 Wm
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 immunofluorescence test, radial immunodiffusion for IgM concentrations) Ivory Coast; Upper Volta

Immunoglobulins

Filice G et al
1981 Bull Ist Sieroterap Milanese 59 (6) 604-611 Wm
Toxoplasma gondii, mice experimentally infected with cysteorganic 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 Wm
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 Wm
Cysticercus celluloseae, human, evaluation of immunolectrophoresis 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 ScIavo Diag Clin e Lab 15 (2) June 189-195 Wm
determination of umbilical cord blood IgG 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 Wm
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

Galatiuc C et al
1981 Develop and Comp Immunol 5 (2) Spring 205-215 Wm
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) Sept 189-192 Wm
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 Wm
Leishmania donovani, 49 active kala-azar patients, IgA, IgG, IgM, and C3 levels, antileishmanial titres in indirect haemagglutination method, IgG and IgM class-specific antibody titres in enzyme-linked immunosorbent assay method, serodiagnostic potential of ELISA

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Goichot EL; Bloch-Michel E
1980 J Franc Ophthalm 3 (1) 21-25 Wm
toxoplasmosis, human ocular, diagnostic value of quantitative serological tests of the aqueous humor, various tests compared
Immunoglobulins
Gooder BJ; Wright IG; Mahoney DF
Babesia bovis, cattle, time of appearance and nature of immune complexes, complexes did not appear to have much pathological significance

Immunoglobulins
Greene BM; Taylor HJ; 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; Fukunule YM
1979 Trop Dis Research Ser (1) 229-244 Wm
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 Gastroenterol 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
Guimaraes RA; Stanley AM; Ottesen EA
1981 Exper Parasitol 52 (1) Aug 147-159 Wm
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 antigen), findings suggest that development of specific IgE antibodies plays role in differential susceptibility to infection in these rats

Immunoglobulins
Haiba MI; Iskander AR
Ascaris lumbricoides and Cotugnia polyacantha-infected and uninfected Columbia livia schimpshi, serum protein patterns (total proteins, albumin, and alpha, beta and gamma globulins)

Immunoglobulins
Haidar JP; Saha KC; Ghose AC
1981 Tr Roy Soc Trop Med and Hyg 75 (4) 514-517 Wm
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

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Handman E; Remington JS
1980 Immunology 40 (4) Aug 579-588 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

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Hanna REB
1980 Infect and Immn 29 (1) July 215-220 Wm
Toxoplasma gondii, mice infected with strains of different virulence, sequence of antibody response to parasite surface antigens

Immunoglobulins
Haque A et al
1980 Clin and Exper Immunol 40 (3) June 487-495 Wm
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
Wileyer GV; Rivera Marrero C
Schistosoma mansoni, development of anti-serum reactive with eggs by circunoval 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 Dermat 3 (3) Sept 237-240 Wm
Sarcopites scabiei, humans, direct immunofluorescence of scabies lesions revealed IgM, IgA, C3, and fibrin in cornified layer of epidermis, dermoeidermal junction, and papillary dermal vessels, findings support a humoral immune response secondary to scabetic infestation

Immunoglobulins
Hoshika K et al
1980 Nippon Shokakibyo Gakkai Zasshi (Japan J Med Sc) 66 (2) 200-207 Wa
Giardia lamblia in patient with reduced secretion 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
Ibuzsain 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 radio-immunossay with Brugia malayi as antigen

Immunoglobulins
Ibeziako PA; Williams AI
1980 Brit J Obst and Gynaec 87 (11) Nov 976-982 Wm
pregnant Nigerian women on malarial chemophylaxis, 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 newborns of mothers on prolonged malarial chemophylaxis may have lowered acquired immunity to malaria

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Ikeeda 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
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
Trichinella spiralis-infected and uninfected rats, serum protein patterns (total proteins, albumin, and alpha, beta and gamma globulins)

Immunoglobulins
Iskander R; Das PK; Aiibere RC
1981 Internat Arch Allergy and Applied Immunol 66 (2) 200-207 Wa
Schistosoma mansoni and/or Schistosoma haematobium, humans, recent vs. chronic infections, serum immunoglobulin levels (IgA, IgM, IgG, IgG subclasses), specific IgE, IgG, and IgE antibodies levels to S. mansoni antigens, concluded that assay of IgG 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
suppressing 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 biliary secretion diverted from choledoch duct to bladder, increased number of adult worms, increased production of larvae by females, increased 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
Topoplasm 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 immuno-electrophoresis and indirect haemagglutination test

Immunoglobulins

Kaplan JE; Larick 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 infection may be involved

Immunoglobulins

Katz JM
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

Immunoglobulins

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

Immunoglobulins

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 inducing antigen-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 draining lymph nodes and spleen; kinetics and characterization of natural stages of T- and B-rosette forming cells, kinetics and characterization of IgG and IgM cell subpopulations (capable to form rosette forming cells, rosette-antibody forming cells, plaque forming cells, immunoglobulin subclasses)

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 characterization of T- and B-rosette forming cells, kinetics and characterization of B-cell subpopulations (capable to form rosette forming cells, rosette-antibody forming cells, plaque forming cells, immunoglobulin subclasses)

Immunoglobulins

Khoury PB; Phillips SM
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 (capable to form rosette forming cells, rosette-antibody forming cells, and plaque forming cells; nature of surface and/or secreted immunoglobulin), these local immune responses seem to occupy significant role in mediation of protective immunity and host morbidity

Immunoglobulins

Knight R et al
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
INDEX-CATALOGUE OF MEDICAL AND VETERINARY ZOOLOGY

Immunoglobulins
Knight R; Merrett TG
1981 Ann Trop Med and Parasitol 75 (3) June 299-314 Wa
Nectator americanus, humans, 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; Kanijo T; Ovary Z
1980 Cellular Immunol 50 (2) Mar 15 327-359 Wn
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
Toxoplasmosis, human, diagnosis, effect of presence of rheumatoid factors on results for determination of antitoxoplasma IgM antibodies by immunofluorescence and agglutination techniques

Immunoglobulins
Lambert PH; Berney M; Kazyumba G
1981 J Clin Immunol 1 (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-trypanosomatis antibodies, IC in cerebrospinal fluid (CSF), origin of CSF immunoglobulins and CSF IC

Immunoglobulins
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

Immunoglobulins
Lindsay HB et al
1981 Infect and Immum 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, hematomatological and serological alterations

Immunoglobulins
Long GW et al
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 (Nasectostoidea 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
Trypanosoma brucei gambiense, humans, cryoglobulinaemia associated with soluble antigens and fluorescent antityranosome 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
McCreevy PB et al
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 GW
1980 Cellular Immunol 54 (1) Aug 15 140-154 Wa
Suitability of lymphotoxin assay as in vitro correlate of cell-mediated immunity to hapten-carrier conjugate known to stimulate high IgE antibody response (DFP-Ascars)
Immunoglobulins
McMyn PE; Strejjan GR
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 Wm
Schistosoma mansoni. B-cell-deficient mice
exhibited 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 assessment 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
1980 Acta Trop Med 38 (2) June 137-147 Wm
Trypanosoma vivax-infected Boran cattle (ex-
per.), spleen and lymph nodes, gross and histo-
pathologic changes, membrane and intracytoplas-
ic immunoglobulin, deposits of immunoglobulin,
in vitro proliferative response to mitogens of
cells obtained from these organs, plasma immu-
oglobulin concentrations, evidence for exist-
tence of intact orderly immune response, re-
sults question relative importance of immuno-
depression in bovine trypanosomiasis

Immunoglobulins
Matern P et al
1980 Infect and Immum 28 (3) June 812-817 Wm
Trypanosoma equiperdum, T. gambiense, rabbits,
anti-immunoglobulins, heterophil agglutinins,
influence of therapy

Immunoglobulins
Mazingue C et al
1980 Internati Arch Allergy and Applied Immunol
63 (2) 178-189 Wm
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 mechanism of
parasite to antibody-dependent eosinophil
cytotoxicity mechanism

Immunoglobulins
Mehta K et al
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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-
banamide inhibited adherence

Immunoglobulins
Miremad-Gassmann M
1981 Acta Trop Med and Hyg 30 (3) May 609-615 Wm
Moniliformis moniliformis, antigenic analysis
of metabolic and somatic antigens, localization
of antigens, IgG antibody response in primary
infections and reinfections in Rattus norvegi-
cus, modification of antigens during infection,
vom expulsion (after 4 weeks in female hosts
and 8 weeks in male hosts), resistance to re-
infestation

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Mitchell GF; Rajasekariah GR; Rickard MD
1980 Immunochemistry 39 (4) Apr 481-489 Wm
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 Biomed Sci 3 (1) Mar 77-82 Wm
Ascaris lumbricoides, guinea pigs, immu-
unization, 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 Wm
Strongyloides ratti, rats, protective role of
IgG

Immunoglobulins
Musallam R et al
1980 Immunology 40 (3) July 343-352 Wm
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 Wm
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
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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

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Nawa Y et al
1981 Immunochemistry 44 (1) Sept 119-123 Wa
Nippostrongylus brasiliensis, rats, adoptive transfer of total and parasite-specific IgE responses with immune thoracic duct lymphocytes

Immunoglobulins
Neillson 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 Exp Parasitol 51 (1) Feb 104-115 Wa
Plasmodium berghei in vitro spleen cultures containing various combinations of T lymphocytes, B lymphocytes, and macrophages, primary and secondary immune responses, IgG and IgM titers

Immunoglobulins
Nutl 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. sumum), investigation of antigens using radioligand assay and sera of naturally infected humans with particular emphasis on antigens which induce and bind IgG antibodies

Immunoglobulins
Olombo JO et al
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 I; et al
1980 J Immunol 122 (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 cellular aceta and precipitin tests

Immunoglobulins
Ousissi 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
Ousissi 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
Ozeretkovskia 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 Wa
Inhibition of IgE-mediated Ascaris antigen-induced monkey asthma and skin reactions by 5,8,11,14-eicosatetraynoic acid

Immunoglobulins
Pearson RD; Steibigel RT
1980 J Immunol 125 (5) Nov 2195-2201 Wa
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 microfilaricemic 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
Poteria 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
T[trypanosoma] rhodesiense, sheep inoculated with homogenate vs. sheep inoculated with 'fraction 3', IgG and IgM antibody response, degree of immunoprotection against challenge with T[trypanosoma] vivax

Immunoglobulins
Przyjalkowski Z; Golinska Z; Bany J
1979 Bull Acad Polon Sci CI 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 Immum 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 enhancement in vitro phagocytosis and to agglutinate antigen

Immunoglobulins
Rao YBG et al
1980 Indian J Med Research 72 July 47-52 Wa
Wuchereria bancrofti, Litomosoides carinii, demonstration of shared antigens, counterimmune immunoelectrophoresis and indirect haemagglutination tests, agglutinating of L. carinii microfilariae by sera from filarial patients due to IgM antibodies

Immunoglobulins
Revoltozza R et al
1980 Internat Arch Allergy and Applied Immunol 62 (1) 23-35 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 Ophth Chicago 99 (10) Oct 1831-1840 Wa
Toxocara canis, Ascaris suum, passively sensitized guinea pigs and animals infected intraocularly 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
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, 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

Immunoglobulins
Saif El-Din S et al
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
Trypanosoma cruzi, mice infected with Y vs. Nicarguan 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 Wm
Tropical eosinophilia, human, immunoglobulin levels, cell-mediated immune response to 4 helminth antigens, evidence of sensitization to filarial antigen, effect of diethylicharboxazine 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
Schnunia GA et al
Trypanosoma cruzi, children with recent infections, diagnosis, direct agglutination test with or without previous treatment of sera with 2-mercaptoethanol, comparison with indirect hemaggglutination and indirect immunofluorescence tests

Immunoglobulins
Seed JR; Bogucki MS; Merritt SC
1980 Ohio State Univ Biosc Collq (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 Wm
Trypanosoma brucei rhodesiense-derived mitogen, activation of human peripheral blood lymphocytes, immunoglobulin synthesis in cell cultures

Immunoglobulins
Selkirk ME; Sacks DL
1980 Tropenned u Parasitol 31 (4) Dec 435-438 Wm
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 Wm
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; Linson R
1981 Tr Roy Soc Trop Med and Hyg 75 (2) 254-257 Wm
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 Wm
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 Wm
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 300-305 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 Wm
Haemonchus contortus, immunizing lambs with varying numbers of doses of irradiated larvae, or combining this vaccine with larval antigen and adjuvant, serum IgG, IgA and IgE in abomasal mucosa

Immunoglobulins
Spry CJF
1981 Parasite Immunol 3 (1) Spring 1-11 Wm
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 CI 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, potentialization 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-schistosomal 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, radioimmunoassay, indirect hemagglutination, circumovul 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
Teniarhynchus, 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 Tropemed 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 IgG 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
Takebara 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
Teale JM; Liu FT; Katz DE
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 DE
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, DNA-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 Wm
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
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/N mice in contrast to prolonged microfilaraemia 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/N but not in CBA/H mice
Immunoglobulins
Trainin Z; Ungar-Waron H
Immunoglobulins 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 A
Ascaris lumbricoides, A. suum, Nectar amercianus, 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
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 Ann Trop Med and Hyg 30 (4) July 780-789 Wa
Trypanosoma gambiensis, 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 51 (1) Aug 62-68 Wa
Schiitosoma 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 glomeropathy

Immunoglobulins
Van Marck EAE; Vervoort T
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
Weiz N; Weisse W; Speiser F; Hussain R
1981 Acta Trop 38 (3) Sept 353-362 Wm
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 MD et al
1980 Infect and Immun 27 (3) Mar 707-713 Wa
Trypanosoma congolesense 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 Wa
lymphocytes bearing Fc receptors for IgE, possible participation of phospholipase A2 in glycosylation of IgE-binding site, includes experiments using Nippostrongylus brasiliensis-infected rats
Immunoglobulins
Yodoi J; Ishizaka K
Nippostrongylus brasiliensis, rats, lymphocytes bearing receptors for IgE, transition of FcyR(+) 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 lymphocytes

Immunoglobulins
Yoo IJ; Bennett 65 (2) 235-238 1981 Tr Roy Soc
Abdel-Salam Wa 1981 Tr Roy Soc Trop Med and Hyg 75 (3) 444-446 Wm
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

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 Wm
Echinococcus granulosus, BALB/c mice infected either by protoscoleces 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

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
Aitken MM et al
1981 Research Vet Sci 31 (1) July 120-126 Wm
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 persisted in tissues and were excreted in faeces of fluke-infected animals for longer than fluke-free animals

Immunological unresponsiveness
Aitken MM et al
1980 Lancet London (8176) 1 May 10 1037-1038 Wm
Plasmodium vivax, 18-year-old boy, infection possibly precipitated by immunosuppressive treatment of sarcoma: referred to Westminster Hospital, U.K. from Pakistan

Immunological unresponsiveness
Aitken MM et al
1979 Indian J Med Research 70 Oct 583-591 Wm
Kala-azar, humans, immunological responses: Bihar

Immunological unresponsiveness
Aitken MM et al
1981 Ztschr Parasitenk 65 (1) 79-88 Wm
Trypanosoma cruzi-infected thymectomized, irradiated, and bone marrow-reconstituted (T-deprived) mice, antibody titers, lack of IgM suppression by IgG antibody

Immunological unresponsiveness
Aitken MM et al
1979 Indian J Med Research 70 Oct 583-591 Wm
Kala-azar, humans, immunological responses: Bihar

Immunological unresponsiveness
Aitken MM et al
1981 Research Vet Sci 31 (1) July 120-126 Wm
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Aitken MM et al
1981 Research Vet Sci 31 (1) July 120-126 Wm
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 persisted in tissues and were excreted in faeces of fluke-infected animals for longer than fluke-free animals

Immunological unresponsiveness
Aitken MM et al
1980 Lancet London (8176) 1 May 10 1037-1038 Wm
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
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

Immunological unresponsiveness
Bagasra O; Schell RF; Le Frock JL
1981 Infect and Immun 32 (1) Apr 188-193 Wa
Trypanosoma rhodesiense, mice, evidence for depletion of Tα 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[trypanosoma] cruzi, 16 immunosuppressed patients with chronic Chagas infection, study concluded that immunosuppression does not re-activate parasitic infection

Immunological unresponsiveness
Barriga OG
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, Brod 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; Andreasen 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 R; Nakagawa T; de Weck AL
1981 J Immunol 126 (3) Mar 1180-1184 Wa
suppression of anti-hapten IgE and IgG antibodies 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 OG
1981 Parasite Immunol 3 (2) Summer 165-169 Wa
Strongyloides stercoralis, patient with hypergammaglobulinemia 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 defense against strongyloidiasis
Immunological unresponsiveness

Brennan KD; Burack 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

Brown KN; Brener WA
1981 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; CM1 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

Bucheton D
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

Burgess DE; Hanson WL
1980 Infect and Immun 32 (2) Aug 269-294
Wa
Trypanosoma cruzi, mouse, T-cell dependence of primary immune response, effects of depletion of T cells and Ig-bearing cells on immunological memory

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

Capron A; et al
1981 Immunopharmacology 3 (3) Sept 193-204
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

Carvalho EM; et al
Wa
Leishmania chagasi, human, cell-mediated immunity, reversible immunosuppression during acute infection
Immunological unresponsiveness
Cottrell BJ; Sturrock RJ; Vanhoegaerden Wm
1980 Immunology 39 (4) Apr 589-598 Wa
Trypanosoma cruzi, fraction from epimastigotes depresses humoral and cell-mediated immune responses in mice

Immunological unresponsiveness
Cottrell BJ; Humber D; Sturrock RJ; Vanhoegaerden Wm; Crabb AB Jr; Grogl M; Kuhn RE
1980 J Parasitol 66 (6) Dec 881-887 Issued May 6 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 supernatant from infected mice to alloantigens, implications for mechanism of parasite-induced immunosuppression of cell-mediated responses

Immunological unresponsiveness
Cunningham DS; Sturrock RJ; Vanhoegaerden Wm
1980 Tr Roy Soc Trop Med and Hyg 74 (3) 415-416 Wa
Schistosoma mansoni, infection in sera of patients that suppresses cell-mediated response

Immunological unresponsiveness
Cottrell BJ; Ribeiro AC; Oliveira CLP; Costa MG
1980 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 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
1980 J Parasitol 66 (1) Feb 16-27 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
1980 Exper Parasitology 50 (3) Dec 384-396 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 Wa
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
Corsini AC; Sturrock RJ; Vanhoegaerden Wm
1980 J Immunol 124 (5) May 2122-2129 Wm
Trypanosoma cruzi-induced suppressor substance, 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 125 (5) Nov 496-499 Wa
Trypanosoma cruzi, humans, suppression of antibody responses against sheep erythrocytes

Immunological unresponsiveness
Cunningham DS; Benavides GR; Kuhn RE
1980 J Parasitol 66 (3) March 308-314 Wa
Trypanosoma cruzi, responses by cells from infected mice to alloantigens, implications for mechanism of parasite-induced immunosuppression of cell-mediated responses

Immunological unresponsiveness
Cunningham DS; Hatcher FM
1981 Exper Parasitology 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
Corsini AC; Oliveira CLP; Costa MG
1980 Immunogenetics 10 (6) June 1 557-571 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 sheep red blood cells in both acute and chronic stages of infection, importance of timing between infection and antigen presentation, parasitaemia, xenodiagnosis

Immunological unresponsiveness
Cortrell BJ et al
1980 Immunogenetics 10 (6) June 1 557-571 Wa
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Cortrell BJ et al
1980 Immunogenetics 10 (6) June 1 557-571 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 hypersensi...
Immunological unresponsiveness
Dasgupta A; Shukal Bala
1978 Indian J Med Research 67 Jan 30-33 Wa
Lomosoides 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, endotoxins, and Trichinella spiralis

Immunological unresponsiveness
Delcourt JN et al
1979 Arch Fr Pediat 36 (9) Nov 873-884 Wm
Pneumocystis carinii, immunosuppressed chil-
dren, retrospective study of 35 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, diglycyl leucocyte extract therapy in immunodepressed patients

Immunological unresponsiveness
Deinsein AJ et al
1981 J Exp 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; Theilemans C; Van Camp B
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 DR; Sharma RL; Bansal GC
1981 Vet Parasitol 8 (3) July 219-228 Wa
Dicycnoecus filaria, lambs, effect of inoculum size and dexamethasone 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 hepatic toxicity 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 microvascular damage in livers

Immunological unresponsiveness
Duncombe VM et al
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 (4) 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
Ebbe DW et al
1980 Infect and Immn 30 (3) Dec 635-641 Wa
Plasmodium berghei, mice, host strain-specific effect of spleenectomy on morbidity, mortality, and immunological responsiveness, results suggest active role of spleen in generation of (immuno)pathological reaction during primary infection in intact animals

Immunological unresponsiveness
Ellner JJ; et al
1980 J Immunol 125 (1) July 308-312 Wm
Schistosoma mansoni, humans, advanced hepato-
splenic 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 vari-
ant populations of T. brucei in blood
Immunological unresponsiveness
Frankenberg SC; Longacre MV; Greenblatt CL
1980 Cellular Immunol 55 (1) Sept 15 185-190 Wm
Plasmodium berghei in immune and nonimmune mice, cellular changes in bone marrow, blast transformation and phagocytosis

Immunological unresponsiveness
Freier PF
Sarcocystis cruzi in 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 Animale 14 (3) July 189-192 Wm
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 J
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 parasitemia, non-specific immune responses (polyclonal B cell activation in spleens, circulating immune complexes, immunosuppression)

Immunological unresponsiveness
Gasbarre LC; Bug K; Louis J
1981 Clin and Exper Immunol 45 (1) July 165-172 Wm
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 Wm
Trypanosoma spp., calves (exper.), immunosuppression of host's immune response may occur against a differentTrypanosoma 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 Wm
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 Wm
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
Greenwood AM et al
1981 Ann Trop Med and Parasitol 75 (2) Apr 261-263 Wm
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; Waghela S; Allonby EW
1981 Ann Trop Med and Parasitol 75 (2) Apr 261-263 Wm
Trypanosoma congoense, 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. congoense may be responsible for effects observed

Immunological unresponsiveness
Griffin L; Waghela S; Allonby EW
1981 J Comp Path 91 (1) Jan 85-95 Wm
Trypanosoma congoense, 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. congoense may be responsible for effects observed

Immunological unresponsiveness
Griffin L; Waghela S; Allonby EW
1980 Vet Parasitol 7 (1) June 11-18 Wm
Trypanosoma congoense-infected goats (exper.), suppression of antibody response to Brucella vaccine, recovery of antibody response following berenil treatment

Immunological unresponsiveness
Grimesd 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
Glynn C et al
1981 Arch Int Med Chicago 141 (7) June 935 Wa
Toxoplasma gondii, 2 patients with Hodgkin's disease, toxoplasma meningitis, encephalitis 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 DJ
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

Immunological unresponsiveness
Grove DJ; Dawkins JHS
1981 Parasitology 83 (2) Oct 401-409 Wa
Strongyloides ratti, mice, immunosuppression with prednisolone enhanced primary infection, permitted infection in inately 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 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

Immunological unresponsiveness
Guerrero J
Levamisole, pharmacokinetics, mechanism of antihelminthic activity, immunomodulating activity and its mechanism, relevance for immunosuppression in parasitism

Immunological unresponsiveness
Halg BM; 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

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 response of host undergoing 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 reproductive 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 Exp Parasi tol 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 low survival of D. viteae in its host

Immunological unresponsiveness
Hatcher FM; Koli RE
1981 J Immunol 126 (6) June 2436-2442 Wa
Trypanosoma cruzi-infected mice, spontaneous 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 Wa
Mediterranean visceral leishmaniasis, 19-year-old immunosuppressed male in leukemic remission: Toulon

Immunological unresponsiveness
Hayes MM; Kierszenbaum G et al
1979 Turk J Pediat 21 (1) Jan 24-27 Wa
Toxoplasma, 15-year-old girl, developed toxoplasmic encephalitis with depressed antibody 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
Hinz E; Domm S
1980 Trop med u Parasitol 31 (2) June 135-142 Wa
Echinococcus multilocularis, experimental infection of mother mice does not result in transfer of protective immunity to offspring, offspring of infected mothers show lower antibody 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 Wa
Nippostrongylus brasiliensis, rats, regulatory role of IgE-binding factors from rat T lymphocytes: IgE-specific suppressor factor with IgE-binding activity
Immunological unresponsiveness
Howard JG; Male G; Liew FY
Leishmania tropica, prophylactic effect of subcutaneous inoculation 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 Exp 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 Tropenned 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
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 response 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
Sarcocopes scabiei var. hominis, 16-year-old girl, case report, associated Silver Roussel'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, rate, 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
suppressiv 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 GN; 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 immunodeficiency, 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
Johnston WM Jr
1981 Infect and Imm &5 (3) Sept 948-949 Wa
Toxoplasma gondii, human, acute infection, chronic phase. Proliferative responses to T. gondii antigens, nature of specific immunological deficiency characteristic of acute phase of disease and no longer detectable during chronic period

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 opisthorchiosis invasion (impairment of cellular immunity)
Immunological unresponsiveness
Kwa BH; Mak JW
1980 Tr Roy Soc Trop Med and Hyg 74 (4) 522-527
War
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
War
Trypanosoma musculi, mice, depression of immune response to heterologous antigens

Immunological unresponsiveness
Laken PN et al
1980 Am J Path (457) 99 (3) June 561-588
War
Pneumocystis carinii pneumonia, immunosuppressed rats, suitable model for study of alveolar response to infection

Immunological unresponsiveness
Leaper SJ et al
War
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 Exp Immunol 45 (3) Sept 627-632
War
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
Leclerc R; Playfair JHL
War
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
Leclerc R; Sprott VMA; Playfair JHL
War
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 response is major cause of lethality

Immunological unresponsiveness
Lewis PA; Wilson EM
1981 Infect and Imm 32 (1) Apr 260-267
War
Schistosoma mansoni-infected C57BL/6 mice. CBA mice, host strain differences in lymphocyte responses and in vitro suppressor cell induction

Immunological unresponsiveness
Lucas S et al
War
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
War
Hymenolepis nana, abnormal development in immunosuppressed mice

Immunological unresponsiveness
Macario AJL; Stahl W; Miller R
1980 Cellular Immunol 53 (1) Nov 235-239
War
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
Lucas S et al
1980 Ann Rechres Vet 11 (3) 273-278
War
Eimeria intestinalis, rabbits (exper.), immunization, unsuccessful attempts to suppress immunity using immunodepressors, an antibiotic, Escherichia coli, and Eimeria pliformis

Immunological unresponsiveness
Ljungstroem I
1980 Parasite Immunol 2 (2) Summer 111-120
War
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 Imm 30 (3) Dec 734-740
War
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
War
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
War
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 SJ et al
1980 Tr Roy Soc Trop Med and Hyg 74 (4) 522-527
War
Schistosoma mansoni-infected mice, effects of various immunosuppressive regimes on survival and liver pathology

Immunological unresponsiveness
Lucas SJ et al
War
Schistosoma mansoni-infected mice, effects of various immunosuppressive regimes on survival and liver pathology

Immunological unresponsiveness
Macario AJL; Stahl W; Miller R
1980 Clin and Exp Immunol 41 (3) Sept 415-422
War
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 parasitemias, 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; Nicklem 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 normal in chronic P. berghei infection

Immunological unresponsiveness

MacBernott RP; Sherman IM
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 IM
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 IM
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

Macnichck 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

Madsion SE et al
1981 Am J Trop Med and Hyg 30 (3) May 609-615 Wa
Sch. mansoni 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
5[acrophages] inabies, 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 Wm
Trypanosoma brucei brucei, parasite strain-related pattern of cyclic 3',5'-adenosine monophosphate changes during parasite development cycle in normal and immunosuppressed rats, possible regulatory role of cyclic AMP in differentiation of trypanosomes

Immunological unresponsiveness

Mansiefd 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

Matsake RA; Morrison WI
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 contraintations, 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 Wm
Wuchereria bancrofti, humans, suppression of mitogenic responses to PHA and Con A

Immunological unresponsiveness

Melendez RD; Jimenez SE
1979 Acta Clin Venezolana 30 (3) 309-313 Wm
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 Wm
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
Sarcopscites 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 Wm
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 GP et al
Leishmania tropica, resistance and abrogation of resistance to cutaneous leishmaniasis in reconstituted BALB/c nude mice

Immunological unresponsiveness
Mogbel R
1980 Parasite Immunol 2 (1) Spring 11-27 Wm
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 Wm
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 Cienc Venezolana 30 (4) 401-404 Wm
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
1980 Infect and Immunn 31 (1) Jan 396-407 Wm
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 Immunn 29 (2) Aug 827-830 Wm
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 muriis-infected mice, study of effects of corticosteroid therapy in intestinal infection shows that such treatment leads to re-crudesence of occult infection, implication for human intestinal protozoan infections

Immunological unresponsiveness
Nauta EH
1979 Immunol Aspects Infect Dis 343-387 Wm
Infection in the compromised host, review, includes section on protozoal infections

Immunological unresponsiveness
Ngwena BZ
1980 Parasitology 81 (1) Aug 17-26 Wm
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
Noguea 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 Wm
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 TM; Askenhase PM; Rose ME
1980 Immunology 39 (3) Mar 385-389 Wm
Nippostrongylus brasiliensis, Trichinella spiralis, basophilis and eosinophilis in 3 strains of rats and in athymic (nu/nu) rats following infection
Immunological unresponsiveness

Omar SA et al
1978 J Egypt Med Ass 61 (11-12) 795-802 Wa
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 Wa; Wa
Filariasis, human, immune responses discussed in relation to penetration stage of infection, persistence of infection, and pathology, review

Immunological unresponsiveness

Perez H; Pocino M; Malave I
1980 Ztschr Parasitenk 63 (2) 177-189 Wa

Immunological unresponsiveness

Pepys MB
1981 Infect and Immum 39 (2) May 415-419 Wa
Leishmania megnes-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

Immunological unresponsiveness

Pilz P; Blinzinger K; Gniesko I
1978 Arch Psychiat 225 (2) June 5 127-134 Wm
Toxoplasma gondii, 41-year-old man, case report, cerebral infection complicating Hodgkin's disease, indications of immunological impairment, light and electron microscopic study of necropsy tissue

Immunological unresponsiveness

Piessens WF et al
1980 J Clin Invest 65 (1) Jan 172-179 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

Immunological unresponsiveness

Pilz P; Blinzinger K; Gniesko I
1978 Arch Psychiat 225 (2) June 5 127-134 Wm
Toxoplasma gondii, 41-year-old man, case report, cerebral infection complicating Hodgkin's disease, indications of immunological impairment, light and electron microscopic study of necropsy tissue

Immunological unresponsiveness

Pivnick RM
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

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 modulation, and morbidity are contingent on thymus-dependent lymphocyte function

Immunological unresponsiveness

Piessens WF et al
Brugia malayi, human, presence of antigen-specific suppressor cells and suppressor factors in blood

Immunological unresponsiveness

Piessens WF et al
1980 Acta Trop 35 (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

Immunological unresponsiveness

Piessens WF et al
1980 J Clin Invest 65 (1) Jan 172-179 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
Immunological unresponsiveness
Poulter LW, Pearce MT
1980 Clin and Exper Immunol 42 (2) Nov 211-218 Wm
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
Przyjalkowski Z, Golinska Z, Bany J
1980 Arch Pathol Microbiol 71-74 Wm
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
Przyjalkowski Z, Cabaj W, Kontny
1979 Bull Acad Polon Sci Cl II 117-120 Wa
Trichinella spiralis, infected germfree and conventional mice, reactivity of lymphocytes

Immunological unresponsiveness
Przyjalkowski Z, Cabaj W, Kontny E
1979 Bull Acad Polon Sci Cl II 11-12 109-115 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
1980 Bull Acad Polon Sci Cl II 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 Sci Cl II 71-74 Wm
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
Rama-Blanco 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
Reali G et al
1980 Pathologica (1020) 72 July-Aug 479-489 Wm
Strongyloides stercoralis, man being treated with steroids for myeloid leukemia, 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, Zorzosopulos J
1980 Exp Parasitol 50 (2) Oct 272-277 Wm
Toxoplasma gondii-infected mice, increased susceptibility to louping-ill virus

Immunological unresponsiveness
Rocklin RE et al
Trypanosoma cruzi, rats treated with anti-IgG 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 63 (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
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

Immunological unresponsiveness

Wustenberg EJ; Buys J
1980 Vet Immunol and Immunopath 1 (3) Aug 199-214 Wm
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)

Immunological unresponsiveness

Rurangirwa FR et al
1980 Infect and Immun 27 (3) Mar 832-836 Wm
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

Immunological unresponsiveness

Rurangirwa FR et al
1980 Tropmed u Parasitol 31 (4) Dec 435-438 Wm
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 et al
1981 Infect and Immun 31 (1) Jan 408-412 Wm
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

Immunological unresponsiveness

Sarkovskiy LL; Reed SG; Larson CL
1980 Am J Trop Med and Hyg 29 (1) Jan 16-20 Wm
Leishmania donovani, cortisone and cyclophosphamide suppress protective effects of BCG in mice challenged with amastigotes

Immunological unresponsiveness

Sacks DL; Askonas BA
1980 European J Immunol 10 (12) Dec 971-974 Wm
Trypanosoma brucei-infected mice, intrinsic immunosuppressive activity of different strains varies with parasite virulence

Immunological unresponsiveness

Sacks DL; Askonas BA
1980 J Immunol 105 (5) May 658-664 Wm
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
Immunological unresponsiveness

Suzuki Y; Watanabe N; Kobayashi A 1981 Infect and Immn 34 (1) Oct 30-36, 42 Wa
Toxoplasma gondii-infected mice, nonspecific suppression of initiation of memory cells

Immunological unresponsiveness

Tabel R 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 89-96 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 Exp Parasiitol 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 BS 1981 Infect and Immn 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 Immn 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

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

Brugia malayi, efficient clearance of injected microfilariae in CBA/H mice in contrast to prolonged microfilaraemia 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 KK; Nielsen K 1980 Research Vet Sc 28 (2) Mar 203-206 Wa
Trypanosoma congolense, calves (exper.), no rise in immunooconglutinins (IKS) levels, trypanosomemia 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 B; Della Bruna C; Isetta AM
1980 Immunology 40 (3) July 355-358 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
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 WM
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 pokihermotic 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 WM
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; Bhattacharya 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 VJC; 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, rate, antibody titers and immunoglobulin levels in serum and bronchial lavage fluid, effects of steroid administration, steroid withdrawal, and prolonged environmental exposure to P. carinii in development of these humoral immune responses

Immunological unresponsiveness

Wang T et al
1980 Acta Cytol 24 (1) Jan-Feb 40-43 WM
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
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 lymphoma

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 PJ; Gabriel R
1981 Brit Med J (2623) 282 Feb 14 524 Wa
Strongyloides stercoralis, infections in renal transplant recipients, case reports: England (Gujanese 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 interaction

Immunological unresponsiveness
Wellhausen SR; Mansfield JM
1980 J Immunol 124 (3) Mar 1185-1186 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 59 (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 DC; 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, hyperinfecive strongyloidiasi of stomach and duodenum that resulted in physiologic gastric outlet obstruction, clinical case report

Immunological unresponsiveness
Whitelaw DD et al
1980 Infect and Immum 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

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 nervous system infections who were on immunosuppressive therapy, ocularmotor nerve palsy and visual loss caused by cerebral involvement, case reports, clinical aspects

Immunological unresponsiveness
Wyler DJ
1979 Bull World Health Organ 57 suppl I 239-243 Wa
Malaria, cellular aspects of immunoregulation, review

Immunological unresponsiveness
Yodoi J; Hirashima M; Ishizaka K
1981 J Immunol 127 (2) Aug 671-676 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

Immunological unresponsiveness
Yoo TJ; Bennett M
1981 Internat Arch Allergy and Applied Immunol 65 (2) 233-238 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
1980 N York State J Med 81 (3) Mar 384 Wa
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

Immunological unresponsiveness
Zardi G; Focia 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 Immum 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 Tropemmed 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 gravid I and gravid II, some mice that did not develop recrudescence exhibited pregnancy-associated clearance of persisting parasites

Immunological unresponsiveness
van Zon AAJC; Eling WMC
1980 Tropemmed u Parasitol 31 (4) Dec 402-408 Wa

Immunomodulation
See Immunological unresponsiveness; Immunopotentiation

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, probably of filaria-antibody immune-complex origin, possible role of diethylcarbamazine therapy

Immunopathology
Adam C et al
1981 Infect and Immum 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
Immunopathology
Aikat RK 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

Immunopathology
Akpon 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 Immum 27 (1) Jan 75-80 Wa Schistosoma mansoni-infected athymic nude mice, etiology of liver granulomatous response

Immunopathology
Arnesen K; Nordstoga K 1977 Acta Ophth 55 (4) Aug 641-651 Wm Encephalitozoon cuniculi in Alopex lagopus, causes of ocular vascular lesions of polyarteritis nodosa type and of cataracts, clinical pathology, possibly autoimmune reaction: Finland

Immunopathology
Arnesen 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 congoense 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) 731 Wa Trypanosoma cruzi, mice, chronic infection, multifocal demyelinating lesions of peripheral nerves, may be result of immune process

Immunopathology
Bocanegra TS et al 1981 Anni 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
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 Schistosoma mansoni, 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; CM1 and resistance; cytoxicity 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 Schistosoma mansoni-infected Mesocricetus auratus, detection of M antigen in circulating immune complexes and in kidneys, possible role in aetiology of glomerulonephritis

Immunopathology
Carlier Y; Rout D; Capron A 1980 Tr Roy Soc Trop Med and Hyg 74 (4) 554-558 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 IH; 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 Exp Med 151 (6) June 1 1398-1412 Wm
Schistosoma mansoni, mice, regulation of granulo-
matae inflammation, in vitro characterization of T lymphocyte subsets involved in produc-
tion 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, participa-
tion of Ly 1+ and Ly 2+ T lymphocytes in sup-
pression of granuloma formation and lymphokine production

Immunopathology
Colley DG; Kayes SG
1979 6 Internat Convoc Immunol 268-273 Wm; Wa
schistosomiasis, immunopathology and immuno-
regulation, review

Immunopathology
Contreras CE et al
1980 Clin and Exper Immunol 42 (3) Dec 403-411
Plasmodium berghei in 5 strains of mice, immu-
nopathological aspects: course of infection, detection of soluble malarial antigens, serum-specific antibody levels, circulating immune complexes, serum C5 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 rheuma-
toid arthritis, humoral immune system may play role in this pathogenesis

Immunopathology
Cossermelli W et al
1980 Clin and Exper Immunol 40 Suppl 222-230
Chagas disease, immunopathology, facts and perspectives, review

Immunopathology
Desjeux P et al
Trypanosoma cruzi, polymyositis, marked clinical
onset of Chagas disease in woman with rheuma-
toid arthritis, humoral immune system may play role in this pathogenesis

Immunopathology
Dunn MA
1981 Biochem Parasites (Blutsky) 191-199 Wm
Schistosoma mansoni, E. 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 pro-
teinuria, humans, possibly involves transient immunological impairment of kidneys

Immunopathology
Ellner JJ et al
1981 J Immunol 127 (1) July 309-312 Wm
Schistosoma mansoni, Egyptians with heavy infections, with light infections, and with hepatoesplenomegaly, 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 J Immunol 127 (1) July 115-120 Wm
Plasmodium falciparum, Gambian children, asso-
ciation 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 immuno-
pathology of falciparum malaria

Immunopathology
Faccio PR et al
1981 J Infect Dis 144 (2) Aug 148-153 Wm
Plasmodium falciparum, Gambian children, direct antiglobulin reactions, IgG subclass and Gm allotype distribution of red cell-bound IgG molecules, association with anaemia

Immunopathology
Fanning MM et al
1980 Infect and Immum 30 (3) Dec 635-641 Wm
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

Immunopathology
Frankenburg S; Loudner NW; Greenblatt CL
1980 Cellular Immunol 55 (1) Sept 15 185-190 Wm
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 Wm
Plasmodium falciparum-infected human placentae, histological, ultrastructural, and immuno-
pathological studies

Immunopathology
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
Immunopathology
Kaushik SP et al
1977 Am J Gastroenterol 68 (1) July 64-70 Wa
Entamoeba histolytica, guinea pigs, assessment of immunologic role of hypersensitivity in formation of amebic granulomas

Immunopathology
Khoury PB; Phillips SM
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

Immunopathology
Klei TR et al
1981 Acta Trop 38 (3) Sept 267-276 Wa
Brugia pahangi-infected Meroïdes unguiculatus, specific hypo-responsive granulomatous tissue reactions

Immunopathology
Rosteck FT et al
amebic dysentery, human, occurrence of circulating immune complexes, role in mediating tissue injury difficult to assess

Immunopathology
Lec Bras M et al
1980 Med Trop 40 (1) Jan-Feb 67-70 Wm
Schistosoma mansoni, S. japonicum, humans, glomerular nephropathy, general clinical review

Immunopathology
Lefrancois G et al
1981 Lancet London (8248) 2 Sept 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 Exp 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

Immunopathology
Lelchuk R; Sprott VMA; Playfair JHL
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

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 NW 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, muscle granulomas, Hippostrangulys 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

Immunopathology
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

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 complex formation and pathogenesis
Immunopathology
Martinelli R; Brito E; Rocha H
1980 Am J Trop Med and Hyg 29 (5 pt 1) Sept 882-885 Wm
Schistosoma mansoni, human, findings suggest immunologically-induced glomerulopathy as cause of low serum complement levels (B1C/1A globulin), determination of B1C/1A globulin serum levels may be valuable index for diagnosis of early glomerular disease

Immunopathology
Maske RA; Morrison WI
Trypanosoma vivax-infected Boran cattle (experimental), 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 Wm
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 Wm
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 Wm
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
Magle RE et al
Trypanosoma rhodesiense, pathology in rabbits, findings suggest immunologic host response associated with severe localized vascular injury

Immunopathology
Odsu CK; Mahmoud AAF
1981 Cellular Immunol 60 (2) May 15 251-260 Wm
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
Olesen EA
1979 Immune Mech and Dis 215-233 Wm; Wa
filtration, human, immune responses discussed in relation to penetration stage of infection, persistence of infection, and pathology, review

Immunopathology
Ozeretskovskaja NN et al
1979 Trop Dis Research Ser (1) 259-271 Wm
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

Immunopathology
Pappas MG et al
1981 J Clin Invest 67 (1) Jan 183-192 Wm
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
Feralla JM et al
1981 Clin and Exper Immunol 45 (3) Sept 621-626 Wm
Trypanosoma cruzi-infected asymptomatic humans, leucocyte migration inhibition response to tissue antigens, correlation with tissue-reacting antibodies

Immunopathology
Feralla JM et al
1981 Tr Roy Soc Trop Med and Hyg 75 (4) 568-569 Wm
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 820-821 Wm
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
Plessens WF et al
1980 J Clin Invest 66 (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 benzimidazole, 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), immunoconglutinin, 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 immunoconglutinin 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 intra vitreally 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
1980 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
Sollod AE; Frank GH
Trypanosoma congoense, cattle (exper.), humoral immune response to nontrypanosomal antigens, peripheral blood lymphocyte responsiveness, no evidence that immunodepression is major pathologic mechanism in acute bovine infection
SUBJECT HEADINGS

Immunopathology
Suzuki M et al
1980 Internat J Nuclear Med and Biol 7 (2) 141-148 Wm
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
Sarfman A et al
1981 Tr Roy Soc Trop Med and Hyg 75 (1) 114-116 Wm
Trypanosoma cruzi-infected Macaca mulatta, tissue-reacting immunoglobulins in serial serum samples, suitable host for experimental studies on Chagas' disease

Immunopathology
Sarfman A et al
1981 Am J Trop Med and Hyg 30 (1 pt 1) Jan 43-46 Wm
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 Wm
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
Teixeira ARL
1979 Bull World Health Organ 57 (5) 697-710 Wm
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
Toongsuwan S; Cox HW
1981 J Parasitol 67 (4) Aug 481-486 Wm
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 erythropagocytosis, and proliferative glomerulonephritis in mature rats, disease was less severe in weanling rats, presence of cold-active hemagglutinin, immunocoaglutinin, and antibody against fibrinogen products

Immunopathology
Turk JL
1970 Immunol Aspects Infect Dis 421-452 Wm
immunology of chronic infections, review, includes sections on protozoal and helminthic infections

Immunopathology
Ungari S et al
1979 Acta Paediat 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 Wm
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
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 Wm
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 Wm
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 Wm
Schistosoma mansoni, mice with unisexual infections, renal disease, light and electron microscopy, immunofluorescence (deposits of complement and immunoglobulin but no trypanosomal antigen detected), specific antibodies in kidney eluates, circulating immune complexes, probably represents antigen part of immune complexes, circulating anodic antigen appears to be major candidate among antigens involved in schistosomal glomerulopathy

Immunopathology
Viallet P et al
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 Wm
Brugia pahangi, chronologic development of vascular and perivascular lymphatic lesions in genital lymphatics of infected male Meriones unguiculatus
Immunopathology
Waugh DA; Alexander JS; Thels LS
1980 Austral and N Zealand J Med 10 (5) Oct 559-562 Wm
Filaria, humans with chyluria and associated glomerulonephritis, clinical report, evidence
suggests that glomerulonephritis may be an immune complex type

Immunopathology
Weinstook 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 schwistosome eggs and pathological
manifestations of schistosomiasis, possibility that ACE has inflammatory role in
granulomatous inflammation

Immunopathology
Whittle H; Greenwood BM; Mohammed I
1981 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
Toxoplasma gondii, patients with toxoplastic retinochoroiditis vs. seropositive and sero-
negative controls, antibody titers, in vitro lymphoproliferative responses to toxoplasma and
retinal antigens, observations raise possibility of autoimmune component in pathogenesis
of relapses in toxoplastic 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 nata-
lenis (exper.), histopathology of liver and spleen, organ weight changes, role of eggs in
granuloma formation

Immunopathology
Abrasamohn IA; Blotta WHSL; 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

Immunopathology
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

Immunopathogenesis
Blackwood LL; Molinari JA
1981 Internat Arch Allergy and Applied Immunol 66 (1) 55-58 Wa
Trichinella spiralis-induced immunopathogenesis of delayed-type hypersensitivity against BCG,
dose dependence

Immunopathogenesis
Bonnet M; Garin JP; La Falce E
1980 J Franc Ophtal 3 (11) 653-655 Wm
Toxoplasma gondii, patients with recurrent toxoplastic retinochoroiditis, attempted therapy with B.C.G. was not successful

Immunopathogenesis
Brown RN; Hillis 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

Immunopathogenesis
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

Immunopathogenesis
Bygbjerg IC
1981 Acta Path et Microbiol Scand 89C (2) Apr 111-113 Wa
Augmentation of human lymphocyte proliferative responses in vitro by pyrimethamine, trimetho-
prim did not alter these responses signifi-
cantly, possibility of using pyrimethamine as
immunopathogenator

Immunopathogenesis
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
usual resistance of previously uninfected lactating rats and their suckling pups, similar
rheumatoid factor-like IgM induced late in
usual course of infection in non-lactating 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

Immunopathogenesis
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 lypo-
philized BCG and cord-factor (trehalose-6-6' dimycolate), clinical case report
Immunopotentiation
Cunningham DS et al
1981 Exp Parasitol 51 (2) Apr 257-268 Wm
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-likely 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

Immunopotentiation
Cunningham DS; Hazen TC; Kuhn RE
1981 J Parasitol 67 (4) Aug 468-474 Wm
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

Immunopotentiation
Desowitz RS; Barwell JW
1980 Infect and Immum 27 (1) Jan 87-89 Wm
Plasmodium berghei, mice, effect of selenium and dimethyl dioctadecyl ammonium bromide on vaccine-induced immunity

Immunopotentiation
Dolan AP; Brown CGD; Cunningham MP
1980 Research Vet Sc 28 (1) Jan 132-133 Wm
Theliera parva, failure of Calmette-Guerin (BCG) organisms to protect cattle suggests that the host response to this non-specific immunization is poorly developed

Immunopotentiation
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

Immunopotentiation
Ficic GA; Beaman BL; Remington JS
1980 Infect and Immum 27 (2) Feb 643-649 Wm
activated macrophages from mice infected with Toxoplasma gondii or injected with Corynecbacterium parvum, effects on Nocardia asteroides

Immunopotentiation
Gillet J; Jacques PJ; Herman F
1980 Advances Exper Med and Biol 121A 307-313 Wm
Plasmodium berghei, use of yeast particulate glucan for causal prophylaxis of mouse malaria

Immunopotentiation
Goven AJ; De Buyscher EW
1980 J Parasitol 66 (2) Apr 346-347 Wm
Nematospiroides dubius, mice, immunization with double-emulsion adjuvant + parasite antigen

Immunopotentiation
Greenstreet LB
1981 Med Hypotheses 7 (1) Jan 43-49 Wm
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Grimaldi GF; Moriarty PL; Hoff R
1980 Clin and Exper Immunol 41 (2) Aug 237-242 Wm
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Immunopotentiation
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Leishmania donovani, mice, immunization, glucan as adjuvant with killed promastigotes, glucan injected alone elicited lesser degree of (nonspecific) resistance

Immunopotentiation
Itaya T et al
1980 Internat Arch Allergy and Applied Immunol 62 (4) 359-396 Wm
suppressive effects of various adjuvants on IgE antibody response of mice when given at certain times before immunization, DNP-Ascaris used as antigen

Immunopotentiation
Jakonick P et al
1980 Arch Immunol et Therap Exp 28 (3) 377-387 Wm
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Immunopotentiation
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Immunopotentiation
Kojima S; Kamijo T; Ovary Z
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Nippostrongylus brasiliensis, nonspecific enhancement of mouse anti-hapten IgE antibody response, involvement of T-cell subpopulation and its product for the potentiation

Immunopotentiation
Krahenbuhl JL et al
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Toxoplasma gondii, enhanced resistance in muramyl dipeptide-treated mice, failure to reveal either enhanced cytolytic antibodies or evidence that peritoneal macrophages were activated

Immunopotentiation
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1981 Biochem Parasites (Blutzky) 205-222 Wa
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Immunopotentiation
Lloyd S
1981 Parasitology 83 (1) Aug 225-242 Wa
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Immunopotentiation
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Murphy JR
1981 Infect and Immun 33 (1) July 199-211 Wa
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Immunopotentiation
Murray M et al
1979 Acta Trop 36 (4) Dec 297-322 Wa
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Immunopotentiation
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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

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Immunopotentiation
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Immunopotentiation
Rezaei HR et al
1980 Acta Trop 37 (1) Mar 21-29 Wa
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Immunopotentiation
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Immunopotentiation
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1981 J Protozool 28 (2) May 167-170 Wa
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Immunopotentiation
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Immunopotentiation
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Immunopotentiation
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Immunopotentiation
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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

Immunopotentiation
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Immunopotentiation
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Immunopotentiation
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Leishmania hertigi live vaccine with complete Freund’s adjuvant vs. L. hertigi extract with incomplete adjuvant, hamsters, challenge with L. mexicana or L. brasiliensis; immunodiffusion or immunoelectrophoresis showed at least one common band between L. hertigi and the two human parasites

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Immunopotentiation
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Immunopotentiation
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Immunosuppression See Immunological unresponsiveness

Immunotolerance See Immunological unresponsiveness

Implantation See Transplantation
Imported diseases  See Disease transmission, imported and exported hosts; Disease transmission, Travel and migration

Indexes  See Indices

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

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1979 Cheiron 8 (3) Oct 199-205 Wa
ixodid and argasid tick survey, domestic animals: Tamil Nadu

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Coccidia of insectivores, review of known information on taxonomy, synonymy, structure, life cycle, host, location in host, reported geographic distribution, prevalence, sporulation, merogony, gametogony, prepatent period, patent period, pathogenicity, immunity, cross-transmission studies, and cultivation

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Sarcocystis, list of named species with hosts, synonyms, homonyms, lapsi calami

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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

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1979 Bull (199) Fish Research Bd Canada 1-269 Wa
synopsis of fish parasites: Canada

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indices of arthropod borne diseases in Africa

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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)

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common parasites of freshwater ornamental fish with checklist on their detection and treatment, review

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Microsporidia, annotated list of species

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1977 Comp Pathobiol 2 335-385; Addendum 453-455 Wa
Microsporidia, host list
Indonesia, Lesser Indonesia, Celebes

Indices
Stafford EE et al
intestinal parasites, incidence survey, population of orphanage in Yogyakarta, Indonesia

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Indices
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Indonesia

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Indonesia, Lesser Sunda Islands

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trematodes of reptiles, host-parasite list: Tabasco, Mexico

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Indonesia, Lesser Indonesia, Sunda Islands

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Indonesia

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Indonesia, Celebes

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Indonesia, Lesser Sunda Islands

Indices
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intestinal and blood parasites of man, prevalence by host age and sex: Alor Island in East Nusa Tenggara Islands of Indonesia

Indonesia, Lesser Sunda Islands

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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

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human parasitic infections, distribution and prevalence, survey: 3 villages on island of Bali, Indonesia

Infectivity

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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

Infectivity

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Barretto MP; Ribeiro RD; Belda Neto FM
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Trypanosoma cruzi, 5 strains, amastigotes and trypomastigotes infective to baby white mice after incubation in normal human serum

Infectivity

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Combes C; Imbert-Establet D
protostrongylid 1st stage larvae, relationship between motility and infectivity, effect of various factors (parasite, density, temperature, light, ionic - desiccation), epidemiological implications

Infectivity

Subjects
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Infectivity

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Echinostoma leei, 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

Infectivity

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Infectivity [See also Pathogenicity]
Infectivity
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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 WO jr; Krettli AU
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 gametocytoma

Infectivity
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1981 J Protosozool 28 (3) Aug 345-350 Wa
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Infectivity
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Toxoplasma brucei, T. vivax, variable antigen-associated differences in infectivity and virulence, review

Infectivity
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Infectivity
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Toxoplasma gondii in Cervus canadensis (exper.), infectivity, pathogenicity, transplacental infection

Infectivity
Dudewel 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
Babesia bovis, continuous in vitro cultivation, cultured organisms are morphologically identical to bloodstream forms and show no loss of infectivity and virulence

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Toxoplasma, estimated transmission potential of tachyzoites is very low compared to potential of oocysts and cysts

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Cotylurus strigeoides, growth and development in domestic chicks (fed isolated cysts vs. infected whole Physa hydrobiodes, on chorionicallantoic membranes of chick embryos, and in vitro; infectivity to chicks

Infectivity
Gardiner PR et al
1980 J Protosozool 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
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 (Taeniarychynchus 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
Nantulya VM; Doyle JJ; Jenni L
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Trypanosoma congolense, cloned and uncloned derivatives of 3 recent field isolates, pleomorphism of bloodstream forms during course of first parasitic 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

Infected
Neal RA; McHardy N
1977 Acta Trop 34 (1) Mar 79-85 Wa
Trypanosoma cruzi, comparison of infectivity of blood stream trypanastigotes vs. metacyclic trypanastigotes from Rhodnius prolixus, blood stream forms are slightly more virulent for mice, route of infection is significant; numbers of metacyclic trypanosomae found in bugs

Infectivity
Ngimbi NP et al
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
Sangster NC et al
1980 Research Vet Sc 29 (1) July 26-30 Wa
Trypanosoma cruzi, characteristics of infectivity of 3 populations obtained from cultures, animal passages, infectivity/resistance to some African game animal sera in modified version of blood incubation infectivity test, implications for role of wild faunas as reservoirs of trypanosomae pathogenic to man and to his domestic animals

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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
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, host susceptibility and drug efficacy in two experimentally infected sheep breeds

Infectivity
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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
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Ancylostoma ceylanicum, Necator americanus, infectivity for hamsters of ingested fourth-stage larvae and adult hookworms, epidemiological significance

Infectivity
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Trypanosoma b. brucei, T. b. rhodesiensis, effects of serum samples from some African game animals in blood incubation infectivity test, implications for role of wild faunas as reservoirs of trypanosomae pathogenic to man and to his domestic animals

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Trypanosoma cruzi, characteristics of infectivity of 3 populations obtained from cultures, animal passages, infectivity/resistance to some African game animal sera in modified version of blood incubation infectivity test, implications for role of wild faunas as reservoirs of trypanosomae pathogenic to man and to his domestic animals

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Trypanosoma equiperdum, complete loss of kinetoplast DNA sequences induced by ethidium bromide or by acriflavine, same infectivity in mice and rats as kinetoplast strain, concluded that no component of kDNA network is essential to viability and pathogenicity

Infectivity
Sangster NC et al
1980 Research Vet Sc 29 (1) July 26-30 Wa
Trypanosoma cruzi, characteristics of infectivity of 3 populations obtained from cultures, animal passages, infectivity/resistance to some African game animal sera in modified version of blood incubation infectivity test, implications for role of wild faunas as reservoirs of trypanosomae pathogenic to man and to his domestic animals

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, host susceptibility and drug efficacy in two experimentally infected sheep breeds

Infectivity
Segura EL et al
1980 Medicina Buenos Aires 40 Suppl (1) 256-257 Wm
Trypanosoma cruzi, cultured forms, variation in infective capacity

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SempreviVO LH; Yusuf JN; Honigberg BM
1981 Tzschach 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
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Nosema locustae in some Australian scrids (exper.), infectivity tests, potential biological 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. trypsin solutions, infectivity to mice, usefulness of pepsin solution for parasite isolation from chronically infected animals

Infectivity
Soares VA; Marsden PD
Trypanosoma cruzi, survival in dead vector bugs (exper.), Peru strain survived 8 days in Triatoma infestans and 9 days in Dipetalogaster maxima, 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 infestation of host snails on cercarial output, motility, and infectivity, significance to laboratory maintenance of S. mansoni, may be factor which reduces infective index under field conditions

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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

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Andrade SG; Andrade ZA; Sadigursky M
Trypanosoma cruzi, dogs (exper.), effects of combined treatment with nifurtimox + betamethasone evaluated clinically, electrocardiographically, and histologically, abolished both infection and associated inflammation

Infammation
Bentley AG; Carlisle AS; Phillips SM
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Schistosoma mansoni, rats, initial and challenge infections, cellular response in lungs and liver, ultrastructural analysis

Infammation
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

Infammation
Castro CA; Malone C; Smith S
1980 J Parasitol 66 (3) June 407-412 Wa
Trichinella spiralis, rats, systemic anti-inflammatory effect associated with enteric trichinellosis

Infammation
Chineze 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

Infammation
Conley PK; Jenkins KA
1981 Infect and Immunity 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

Infammation
Emery DL; Moloo SK
1980 J Comp Path 90 (2) June 137-149 Wa
Trypanosoma brucei, sequential cellular changes in local skin reaction produced in goats by bite of infected Glossina m. morsitans, appears to represent essentially combination of acute inflammatory response and immunological reaction

Infammation
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

Infammation
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 Glossina morsitans, local skin reactions, trypanosome distribution in host, and pathological changes during initial stage of infection

Infammation
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
Inflammation

Jensen DL; Castro CA
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 C 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 312-297 Wa
Meliophagus 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 RM
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 oercarial 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 Di; Donsachie AM
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 (AEC)) can partially inhibit granulomatous response to schistosome eggs and pathological manifestations of schistosomiasis, possibility that ACE has inflammatory role in granulomatous inflammation

Inflammation

Williams 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

Amonova LI
1975 Parasitologija Leningrad 9 (5) Sept-Oct 103-104 Wa
Nyalomma assicicus 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
Schistosomum douhittii, transintestinal glucose uptake in male and female worms, possible implications for male-female nutritional relationships

Integument

Hamilton-Attwell VL
1979 Proc Electron Microsoc South Africa 9 103-104 Wa
Schistosoma margebowski, 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 Wa; Wa
cestode surfaces, morphological and functional aspects, review

Integument

Miegeville M; Warjolet M; Vermeil C
1979 Bull Soc Path Exot 72 (4) July-Aug 340-344 Wa
Sipetalomina vitesae, 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

Interferon
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, production and properties of immune interferon from spleen cell cultures of infected mice

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 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
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 150 A (3) Apr 373-385 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 mierschulzi-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
Farnier 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
Foroum 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 leucocytes and mucosal mast cell populations in small intestine (excluding lymphoid areas), globule leucocyte and mucosal mast cell populations in mucosa over lying Peyer's patches and in adjacent areas of same section, Z distribution of globule leucocytes in successions of sections which showed large numbers of these cells
Intestine, Host
Herweg C; Kunstyir I
1979 Zentralbl Bakteriol 1 Abt Orig Reihe A
245 (1-2) Oct 262-269 Wa
Spironucleus muris, athymic (nude) mice (exper.), effect of infection and dimetridazole on intestinal microflora

Intestine, Host
Hutchison WM et al
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
Toxoplasma gondii, normal appearance of cat small intestine, mucosal alteration observed during infection, appearance of merozoites and oocysts, scanning electron microscopy

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 Immum 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
Martín 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
Ottaway CA et al
1980 Immunology 41 (4) Dec 963-971 Wm
Trichinella spiralis, mice, primary enteric infection, spiralis infection 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 CI II 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 MF; Hesketh P; Ogilvie RM
1980 Parasite Immunol 2 (3) Autumn 189-199 Wa
Eimeria maxima, chickens, E. miasmoula, rats, localization of lymphoblasts in infected small intestine

Intestine, Host
Ruff MD; Augustine PC; Madden PA
1981 Exper Parasitol 51 (1) Feb 87-94 Wm
Eimeria meleagrimitis, E. adenoides, 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 eosinophilia, antibody production, blood eosinophilia)

Intestine, Host
Scofield AM
1980 Experientia 36 (12) Dec 151404-1405 Wm
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
Schistosoma 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
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 infection, small intestinal function, histology, and histochemistry
Intestine, Host

Tooker 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 Obrzozw SSSR (193) (1) 61-64 Wa
Ceratophyllum sciuorum larvae, ultrastructure of mid-gut

Intestine, Parasite

Howelle RE; Chen SN
1981 Exper Parasitology 51 (1) Feb 42-58 Wa
Brevigia 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 cytological staining reactions for enzymes of gut and body wall

Intestine, Parasite

Hung CH; Butkowski RJ; Hudson BG
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
Nipastrongylus 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
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

Holyneux DB; 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

Polmar GO jr; Mosel R; Doucet M
1981 Rev Nematol 4 (1) 35-40 Wa
Parasitic juvenile nematodes (Empidormis riouxi and undetermined species from Porcello 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
Amblyosoma suwense, histochemical observations on melanin in intestinal ceca of metacercariae

Intestine, Parasite

Rohde K
1980 Ang Parasitol 21 (1) Feb 32-48 Wa
Gonostomota secunda, Hexasema euthymi, 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 (3) 67 (5) 517-602 Wa
Peloderastrongyloides adult males vs. females, functional morphology of digestive tract, light and electron microscopy

Intrarotuline Infection

See Prenatal Infection

Invasion mechanisms [See also Endocytosis; Penetration; Phagocytosis]

Invasion mechanisms

Aikawa M
1980 Ohio State Univ BioSci Colloq (5) 31-46 Wa; Wa
Plasmodium, host cell invasion, review: recognition and initial attachment, invasion of host plasmalemma, sealing of host cell membrane, alteration of host cell membrane

Invasion mechanisms

Bansal 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 TF; Anderson JR
Cephennylia apicata, C. jellisoni, mode of invasion of bovine hemious colonilium 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. Fascioa bullomides, transmission and scanning electron microscopy

Invasion mechanisms

Dzubewski 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

Duutta GP; Banyal HS
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 DJ; Piras MM
1981 Molec and Biochem Parasitol 1 (5-6) Apr 559-566 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 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 microbicidal changes

Invasion mechanisms

Kidson C
1980 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

Lai AA; Maitra SC; Garg NK
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 Exp Parasirotol 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

McCollin 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 mechanism 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
Irrigation
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

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 parasitic 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, 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

Isoelectric focusing See Electrophoresis

Isoenzymes See Enzymes