

Amebiasis Tropical Medicine Series

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Recent Progresses in Amebiasis
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Human Nutrition and Parasitic Infection: Volume 107, Parasitology Supplement 1993
The Travel and Tropical Medicine Manual E-Book
Hunter's Tropical Medicine and Emerging Infectious Diseases E-Book
Practical methods in clinical immunology series
Tropical Medicine and Hygiene News
Tropical Infectious Diseases
Growing Pathogens in Tissue Cultures
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CDC Yellow Book 2018: Health Information for International Travel
The Imaging of Tropical Diseases
Amebiasis
The American Journal of Tropical Medicine
The American Journal of Tropical Medicine and Hygiene

Medical Record

Amebiasis, a parasitic disease transmitted by the unicellular protozoan parasite *Entamoeba histolytica*, is the cause of at least 100,000 deaths each year. The disease is mostly prevalent in developing countries and is one of the three common causes of death from parasitic diseases. The parasite has two stages in its life cycle in the host: the infective cyst and the invasive trophozoite. In the large intestine, the parasite feeds on bacteria and on cellular debris. No vaccine against amebiasis currently exists. Although metronidazole is the drug of choice for treating amebiasis, adverse effects in patients and potential resistance to metronidazole in other protozoa exist. About nine out of 10 people who are infected with *E. histolytica* are asymptomatic and in those individuals who develop symptoms, bloody diarrhea (amebic colitis) and liver abscess are the most common symptoms. One possible explanation for this observation is the difference in the gut microbiota between individuals that may significantly influence the host's immune response in amebiasis and *E. histolytica*'s virulence. Amebiasis is characterized by acute inflammation of the intestine with release of pro-inflammatory cytokines, reactive oxygen species and reactive nitrogen species from activated cells of the host's immune system. In recent years, significant advances on the cell biology of *Entamoeba* infection have been achieved through the development of new genetic tools to manipulate gene expression in the parasite and through the application of Omics tools. In this Research Topic, we welcome high quality original research articles, as well as review, opinion or method articles, on amebiasis including but not limited to the regulation of gene expression, cell biology and signaling, adaptation and

resistance to environmental stresses, metabolism, pathogenesis and immunity, pathogenesis and microbiome, drug discovery and drug resistance.

Tropical and Parasitic Infections in the Intensive Care Unit

This wide-ranging collection covers such topics as: nutrition support and HIV; malarial parasites and antioxidant nutrients; the impact of schistosomiasis on human nutrition; ascariasis and childhood malnutrition; and hookworm infections and human iron metabolism.

Recent Progresses in Amebiasis

Includes Transactions of the 16th-46th annual meeting of the American Society of Tropical Medicine.

The Travel & Tropical Medicine Manual

Hunter's Tropical Medicine and Emerging Infectious Disease, Expert Consult - Online and Print, 9

Tropical Medicine and Parasitology

Bulletin

Prevent, evaluate, and manage diseases that can be acquired in tropical environments and foreign countries with The Travel and Tropical Medicine Manual. This pragmatic, pocket-sized resource equips medical providers with the knowledge they need to offer effective aid, covering key topics in pre- and post-travel medicine, caring for immigrants and refugees, and working in low-resource settings. It's also the perfect source for travelers seeking quick, easy access to the latest travel medicine information. Dynamic images illustrate key concepts for an enhanced visual understanding. Evidence-based treatment recommendations enable you to manage diseases confidently. Pocket-sized format provides access to need-to-know information quickly and easily. Highlights new evidence and content surrounding mental health and traveling. Covers

emerging hot topics such as Ebola virus disease, viral hemorrhagic fevers, the role of point-of-care testing in travel medicine, and antibiotic-resistant bacteria in returning travelers and students traveling abroad. Includes an enhanced drug appendix in the back of the book.

Human Nutrition and Parasitic Infection: Volume 107, Parasitology Supplement 1993

The Travel and Tropical Medicine Manual E-Book

Revised and expanded, the third edition of this respected manual offers the latest advice on preventing, evaluating, and managing diseases that can be acquired in tropical environments and foreign countries. New content includes information on Lyme disease, HIV, infants and children, women, air travel, and more.

Hunter's Tropical Medicine and Emerging Infectious Diseases E-Book

THE ESSENTIAL WORK IN TRAVEL MEDICINE -- NOW COMPLETELY UPDATED FOR 2018 As unprecedented numbers of travelers cross international borders each day, the need for up-to-date, practical information about the health challenges posed by travel has never been greater. For both international travelers and the health professionals who care for them, the CDC Yellow Book 2018: Health Information for International Travel is the definitive guide to staying safe and healthy anywhere in the world. The fully revised and updated 2018 edition codifies the U.S. government's most current health guidelines and information for international travelers, including pretravel vaccine recommendations, destination-specific health advice, and easy-to-reference maps, tables, and charts. The 2018 Yellow Book also addresses the needs of specific types of travelers, with dedicated sections on: · Precautions for pregnant travelers, immunocompromised travelers, and travelers with disabilities · Special considerations for newly arrived adoptees, immigrants, and refugees · Practical tips for last-minute or resource-limited travelers · Advice for air crews, humanitarian workers, missionaries, and others who provide care and support overseas Authored by a team of the world's most esteemed travel medicine experts, the Yellow Book is an essential resource for travelers -- and the clinicians overseeing their care -- at home and abroad.

Practical methods in clinical immunology series

Amebiasis presents the most up-to-date overview of the field, encompassing all aspects of epidemiology, clinical management, and research. The most authoritative physicians and scientists worldwide have contributed to this effort. Future research directions are well defined by those at the cutting edge of the field. Students, postgraduate trainees,

clinicians and researchers will find great value in these concise reviews. Contents: Entamoeba Histolytica: An Overview of the Biology of the Organism (C G Clark et al.)Epidemiology (T F H G Jackson)Mechanisms of Host Resistance (D Campbell & K Chadee)Pathogenesis and Molecular Biology (G Ramakrishnan & W A Petri, Jr.)Clinical Manifestations and Diagnosis (S L Reed)Treatment (D R Pillai et al.)Prevention and Potential of New Interventions (S L Stanley, Jr.)Current Controversies (J I Ravdin)Unresolved and Open Questions in Research (D Mirelman) Readership: Students, postgraduate trainees, clinicians and researchers in tropical medicine. Keywords:Vaccine;Protective Immunity;Entamoeba Histolytica;Animal Models;DNA Vaccination;Mucosal Immunity;Amebiasis;Pathogen;Parasite;Protozoan;Virulence;Cytolysis;Trophozoite;Adherence;Cysteine Proteinase;Biology;Organism;Epidemiology;Clinical;Diagnosis;Amoebic Colitis;Amebic Liver Abscess;Parasite Immunology;;Amebiasis Pathogenesis;Protozon Infection;Enteric Infection;Vaccine Development;Amoeba;Amoebiasis;Entamoeba Dispar;Dysentery;Metronidazole;Dehydroemetine;Tinidazole;Diloxanide Furoate;Virulence Factors;Transfection;Cultivation;Adhesion;Phagocytosis;Genome;Lectin(s);MotilityReviews:“... an excellent introduction to a fascinating, baffling and still medically extremely significant parasite.”Transactions of the Royal Society of Tropical Medicine and Hygiene

Tropical Medicine and Hygiene News

Tropical Infectious Diseases

Netter's Infectious Diseases provides a comprehensive yet concise overview of current global infectious disease concerns. Elaine Jong and Dennis Stevens cover the basics of the field using beautiful Netter illustrations and accessible "need to know" information on major conditions and problems— including multi-drug-resistance, Staph infections, Chagas disease, and the flu. In print and online, it's a great tool for quick review or for sharing with patients and staff. Review the basics of infectious disease through comprehensive coverage contained in a single volume reference. Apply "need to know" information from the uniformly concise text and instructive Netter paintings. View detailed Netter illustrations that provide a quick and memorable overview of microbiology, pathophysiology, and clinical presentation. Stay current on modern infectious disease concerns—such as multi-drug-resistant tuberculosis, Staph aureus, Chagas disease, and the flu—with new illustrations in the Netter tradition specifically created to address new topics. Access a companion website at www.netterreference.com featuring the complete searchable text, an Image Bank containing all of the book's illustrationsdownloadable for your personal use, plus 25 printable patient education brochures.

Growing Pathogens in Tissue Cultures

This book documents and presents new developments in the study of amebiasis, one of the neglected tropical diseases. Nearly 50 million people worldwide are infected with the pathogen *Entamoeba histolytica*, causing large-scale morbidity and mortality particularly in developing countries. This book will help clinicians for better diagnosis and management of the disease, researchers for initiating research projects on some of the poorly understood aspects of the disease and the pathogen, and students for updating their knowledge. The subjects covered range from genomics and molecular and cell biology to drug resistance and new drug development, highlighting major advances in recent years in our understanding due to rapid progress in genomic and other biomedical technologies, such as visualization of molecular processes. Most of the chapters provide recent information based on latest publications. A few chapters describe some of the critical methodological issues that will be helpful for students and researchers interested in getting into the field. The contributing authors include almost all the active researchers and clinicians from around the world. This book will be a useful primary material and a valuable source of information for anyone interested in understanding amebiasis, its diagnosis, and treatment. It will also be useful to those who are interested in learning about the biology of early branching eukaryotes and protist pathogens.

Index-Catalogue of Medical and Veterinary Zoology

Tropical Diseases

List of members in each volume.

Netter's Infectious Diseases E-Book

Neglected Tropical Diseases - South Asia

Prevent, evaluate, and manage diseases that can be acquired in tropical environments and foreign countries with The Travel and Tropical Medicine Manual. This pragmatic resource equips medical providers with the knowledge they need to offer effective aid, covering key topics in pre- and post-travel medicine, caring for immigrants and refugees, and working in low-resource settings. It's also the perfect source for travelers seeking quick, easy access to the latest travel medicine information. Dynamic images illustrate key concepts for an enhanced visual understanding. Evidence-based treatment recommendations enable you to manage diseases confidently. This eBook allows you to search all of the text, figures, images, and references from the book on a variety of devices. Highlights new evidence and content surrounding mental

health and traveling. Covers emerging hot topics such as Ebola virus disease, viral hemorrhagic fevers, the role of point-of-care testing in travel medicine, and antibiotic-resistant bacteria in returning travelers and students traveling abroad. Includes an enhanced drug appendix in the back of the book.

The Travel and Tropical Medicine Manual

Molecular Advancements in Tropical Diseases Drug Discovery presents in-depth knowledge relating to the detection of infection, epidemiology, drugs against various tropical diseases, new target sites for drug discovery and multidrug resistance issues using bioinformatics tools and approaches. The book's chapters are written by experts in their respective fields so that each disease is covered in a rational manner and with a solid foundation on existing facts and prospective research ideas. Updates knowledge about tropical diseases with recent advancements in the field Presents an overview of new research covering detection, infection, epidemiology and risk factors of the most common tropical diseases using bioinformatics tools Encompasses a detailed description of developments in drug discovery, new drugs and their molecular mechanisms of action

Tropical Diseases

Amebiasis

Tropical Diseases outlines the diagnosis, prevention, and treatment of diseases encountered in developing regions---areas where the unexpected can occur and where Western medical capabilities are often unavailable. Taking a pragmatic approach, it is an invaluable reference and resource for medical professionals and students travelling abroad or working in unfamiliar terrain. Diseases profiled here include a brief historical background, main signs and symptoms, and practical methods of individual prevention and treatment. Additional features include: - Over 60 maps depicting the geographic origins and modern distribution of tropical diseases - A classification scheme for parasitic diseases according to the location of the final parasitic stage in the human body - Clinical case studies For the new or experienced health care provider, Tropical Diseases is a handy, practical guide to treating and avoiding disease in any environment. Yann Meunier is the CEO of HealthConnect International Inc, a healthcare consulting company based in Silicon Valley, CA, and Advisor in the Medscholars Research Fellowships Program at Stanford University School of Medicine. He is honorary member of the Brazilian Academy of Medicine, associate member of the Academy of Medicine, Singapore, member of the International Academy of Fellows and Associates, Royal College of Physicians and Surgeons of Canada and fellow of the Australasian College of Tropical Medicine. He received his Tropical Medicine specialty degree from the university Paris VI and was

consultant in Tropical Medicine at the Pitié-Salpêtrière in Paris. He has practiced medicine for many years in Africa, Asia, Oceania and South America.

Tropical Medicine News

In the past, many tropical and parasitic infections were confined to tropical areas of the world located between the Tropic of Cancer and the Tropic of Capricorn. However, with the increase in air travel and tourism and the changing patterns of immigration, an increasing number of individuals are coming into contact with these infectious agents and transmission across the world has been enhanced. Tropical and Parasitic Infections in the Intensive Care Unit provides an international perspective on this topic and an overview of those infections that may cause critical illness.

Kidney, bladder, male sexual organs, nervous system, tropical diseases

Amebiasis presents the most up-to-date overview of the field, encompassing all aspects of epidemiology, clinical management, and research. The most authoritative physicians and scientists worldwide have contributed to this effort. Future research directions are well defined by those at the cutting edge of the field. Students, postgraduate trainees, clinicians and researchers will find great value in these concise reviews. Contents: Entamoeba Histolytica: An Overview of the Biology of the Organism (C G Clark et al.)Epidemiology (T F H G Jackson)Mechanisms of Host Resistance (D Campbell & K Chadee)Pathogenesis and Molecular Biology (G Ramakrishnan & W A Petri, Jr.)Clinical Manifestations and Diagnosis (S L Reed)Treatment (D R Pillai et al.)Prevention and Potential of New Interventions (S L Stanley, Jr.)Current Controversies (J I Ravdin)Unresolved and Open Questions in Research (D Mirelman) Readership: Students, postgraduate trainees, clinicians and researchers in tropical medicine. Keywords:Vaccine;Protective Immunity;Entamoeba Histolytica;Animal Models;DNA Vaccination;Mucosal Immunity;Amebiasis;Pathogen;Parasite;Protozoan;Virulence;Cytolysis;Trophozoite;Adherence;Cysteine Proteinase;Biology;Organism;Epidemiology;Clinical;Diagnosis;Amoebic Colitis;Amebic Liver Abscess;Parasite Immunology;;Amebiasis Pathogenesis;Protozon Infection;Enteric Infection;Vaccine Development;Amoeba;Amoebiasis;Entamoeba Dispar;Dysentery;Metronidazole;Dehydroemetine;Tinidazole;Diloxanide Furoate;Virulence Factors;Transfection;Cultivation;Adhesion;Phagocytosis;Genome;Lectin(s);MotilityReviews:“... an excellent introduction to a fascinating, baffling and still medically extremely significant parasite.”Transactions of the Royal Society of Tropical Medicine and Hygiene

Announcements

Amebiasis

Parasitic and Tropical Diseases

Clinical Tropical Medicine

The reference JAMA called "an outstanding contribution" and "must reading" is back in a fully revised New Edition! This 2-volume set presents cutting-edge discussions of scientific principles, pathogenesis, pathophysiology, diagnosis, treatment, and prevention for the full range of tropical infectious diseases. A new bonus CD-ROM, a clinical-focused organization, standardized life-cycle diagrams, and 850 illustrations make vital guidance easy to find and apply

A Manual of Tropical Medicine

This book covers all aspects of Neglected Tropical Diseases in the region of South Asia. NTDs constitute a significant part of the total disease burden in this geographic area, including soil borne helminth infections, vector borne viral infections, protozoan infections and a few bacterial infections. The current volume covers the most common neglected viral, bacterial and protozoan infections. On top of that, the last part of the volume is dedicated to the management of neglected tropical diseases.

Molecular Advancements in Tropical Diseases Drug Discovery

Amebiasis

Current Topics in Malaria

Proceedings of the Society for Experimental Biology and Medicine

American Journal of Tropical Medicine

Hunter's Tropical Medicine and Emerging Infectious Disease is your comprehensive, go-to resource on the health conditions that arise in the tropics! From infectious diseases through environmental issues, poisoning and toxicology, animal injuries, and nutritional and micronutrient deficiencies, this medical reference book provides you with all the guidance you need to diagnose and manage even the most exotic health concerns. Stay at the forefront of this ever-changing field with Hunter's Tropical Medicine and Emerging Infectious Disease! Understand the common characteristics and methods of transmission for each disease, and learn all the applicable diagnosis, treatment, control, and prevention techniques. Get the information you need in the most organized way with infectious agents arranged by syndromes, as they typically present. Stay abreast of the latest maladies seen in returning travelers through useful chapters on delusional parasitosis, international adoptions, transplant patients, medical tourism, and more. Access the most up-to-date information on emerging and re-emerging diseases (such as H1N1), and see how progression occurs through all-new illustrative life cycles. Hone your techniques with a new skills-based section which includes dentistry, neonatal pediatrics and ICMI, and surgery in the tropics, and a service-based section covering transfusion in resource-poor settings, microbiology, and imaging. Learn everything you need to know about infrequently encountered tropical drugs and their practical application in the clinical setting. Seamlessly search the complete contents online at www.expertconsult.com.

Tropical Medicine

A comprehensive, and profusely illustrated description of the common and uncommon images which will be found in a wide range of tropical diseases, correlated with the clinical and laboratory findings, and the epidemiology and pathology. Each chapter is an in-depth study with many images at all stages of the infections. Volume 1 includes amebiasis, schistosomiasis, hydatid disease, Chagas' disease, tuberculosis, the mycoses, taeniasis (tapeworms) and cysticercosis, and also AIDS as seen in the tropics. This is a unique book which will be of immense value, not only to all those in the practice of tropical medicine, but also to help recognition and understanding of the unusual illnesses which may be seen in travellers and immigrants.

The Travel and Tropical Medicine Manual E-Book

CDC Yellow Book 2018: Health Information for International Travel

Revised and improved 2nd Edition, with more information on malaria, traveler's diarrhea, immunizations, the HIV-infected

traveler, the medical aspects of mountaineering, Lyme disease and other tick-transmitted diseases, and travel-acquired illnesses associated with fever. Travel during pregnancy is updated, and material on exercise and sports in the pregnant woman is included.

The Imaging of Tropical Diseases

Amebiasis

The American Journal of Tropical Medicine

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The American Journal of Tropical Medicine and Hygiene

New emerging diseases, new diagnostic modalities for resource-poor settings, new vaccine schedules all significant, recent developments in the fast-changing field of tropical medicine. Hunter's Tropical Medicine and Emerging Infectious Diseases, 10th Edition, keeps you up to date with everything from infectious diseases and environmental issues through poisoning and toxicology, animal injuries, and nutritional and micronutrient deficiencies that result from traveling to tropical or subtropical regions. This comprehensive resource provides authoritative clinical guidance, useful statistics, and chapters covering organs, skills, and services, as well as traditional pathogen-based content. You'll get a full understanding of how to recognize and treat these unique health issues, no matter how widespread or difficult to control. Includes important updates on malaria, leishmaniasis, tuberculosis and HIV, as well as coverage of Ebola, Zika virus, Chikungunya, and other emerging pathogens. Provides new vaccine schedules and information on implementation. Features five all-new chapters: Neglected Tropical Diseases: Public Health Control Programs and Mass Drug Administration; Health System and Health Care Delivery; Zika; Medical Entomology; and Vector Control - as well as 250 new images throughout. Presents the common characteristics and methods of transmission for each tropical disease, as well as the applicable diagnosis, treatment, control, and disease prevention techniques. Contains skills-based chapters such as dentistry, neonatal pediatrics and ICMI, and surgery in the tropics, and service-based chapters such as transfusion in resource-poor settings, microbiology, and imaging. Discusses maladies such as delusional parasitosis that are often seen in returning travelers, including those making international adoptions, transplant patients, medical tourists, and more.

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