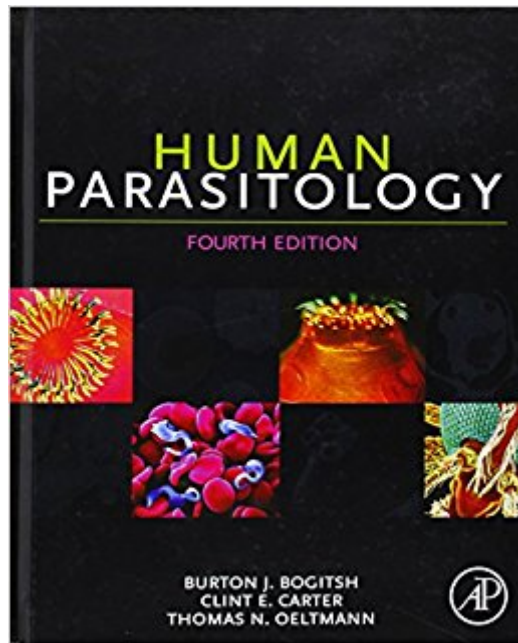


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# Human Parasitology, Fourth Edition



## Synopsis

Human Parasitology emphasizes a medical perspective while incorporating functional morphology, physiology, biochemistry, and immunology to enhance appreciation of the diverse implications of parasitism. Bridging the gap between classical clinical parasitology texts and traditional encyclopedic treatises, Human Parasitology appeals to students interested in the medical aspects of parasitology and those who require a solid foundation in the biology of parasites. This fourth edition has been fully revised to integrate the most recent molecular discoveries about mosquitoes, ticks and other arthropods as vectors, as well as the most effective therapeutic regimens. New to this Edition: • Features expanded coverage of the evolution of parasitism and an extensive update to immunology of parasite-host interactions • Offers an enhanced art program featuring life-cycle illustrations and additional SEM and TEM micrographs • New Host Immune Response section for each organism Presents various parasites and examines how they interact with their hosts and respond to new treatments Easy to read with photographs, diagrams, and clinical case pictures throughout

## Book Information

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## Customer Reviews

"There are few textbooks for students studying medical parasitology. This up-to-date third edition is easier to read than many, making it a viable option for upper-level students."--Martha

Gentry-Nielsen, PhD, Creighton University School of Medicine "Bridging the gap between classical clinical parasitology texts and traditional encyclopedic treatises, Human Parasitology appeals to

students interested in the medical aspects of parasitology and those who require a solid foundation in the biology of parasites. This fourth edition has been fully revised to integrate the most recent molecular discoveries about mosquitoes, ticks and other arthropods as vectors, as well as the most effective therapeutic regimens."--Doody.com, April 24, 2013

Burton J. Bogitsh received his undergraduate education in biology at New York University (University Heights) and his graduate education at Baylor University (M.A.) and the University of Virginia (Ph.D.). He is currently Professor Emeritus of Biological Sciences at Vanderbilt University. He has authored more than 100 publications in the area of parasitology and has co-authored a textbook in General Zoology. He is an associate editor of the Journal of Morphology, co-editor of Volume 2 of the Microscopical Anatomy of Invertebrates, and has contributed many chapters to numerous edited volumes on parasitology. His research interests are in the ultrastructural localization of enzymes in helminths with a primary focus on the digestive tracts of trematodes. Dr. Carter received his B.A. and M.A. degrees in biology at Loma Linda University and his Ph.D. degree at the University of California at Los Angeles. He is currently a Professor Biological Sciences at Vanderbilt University. He has authored more than 70 publications with a primary focus on the biochemistry and immunology of parasites. He has contributed chapters in several edited volumes such as The Biology of the Tapeworm, *Hymenolepis diminuta*, and has served on the editorial board of the Journal of Parasitology. His current research interests are centered on the host-parasite interactions of the causative agent of Chagasâ™ disease, *Trypanosoma cruzi*.

Like most general internists in America, I do not have much contact with parasitology. I bought the book to learn more about the topic and it fulfilled the expectation. It's a laundry list of organisms that have both a lot in common and their own idiosyncrasies. None of it is memorable and all of it can be obtained from reading any Internal Medicine textbook.

An outstanding self-study text for Medical Lab Technicians (MLT), Medical Lab Technologists (MT) / Medical Lab Scientists (MLS), and other Pathology students. Parasitology as a whole is lightly touched on in MLT (associate level) and MT/MLS (Bachelors level) courses and certifications. This is a must read for anyone who works in a micro lab.

Its a good option if no need to buy book. Book came like a brand new one.

item as described

My teacher decided not to use the book.

This is a fantastic book. It's not too dense and is actually quite readable. Each parasite has a complete summary including background, life cycle, clinical manifestations, detection methods, epidemiology, immunology and more. Similar to what other reviewers have said, most of the figures are colorless diagrams, but they are well-drawn and easy to follow. If self-studying, it would be best to pair with an atlas. Highly recommended for anyone wishing to delve into the interesting realm of parasitology.

Great good a lot of amazing pictures and descriptions

The book was very thorough. It discussed each parasite's life cycle, general location, immunologic effect on humans, possible treatment (if there are any), and distinct physical features (using various monochrome/colored pictures).

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