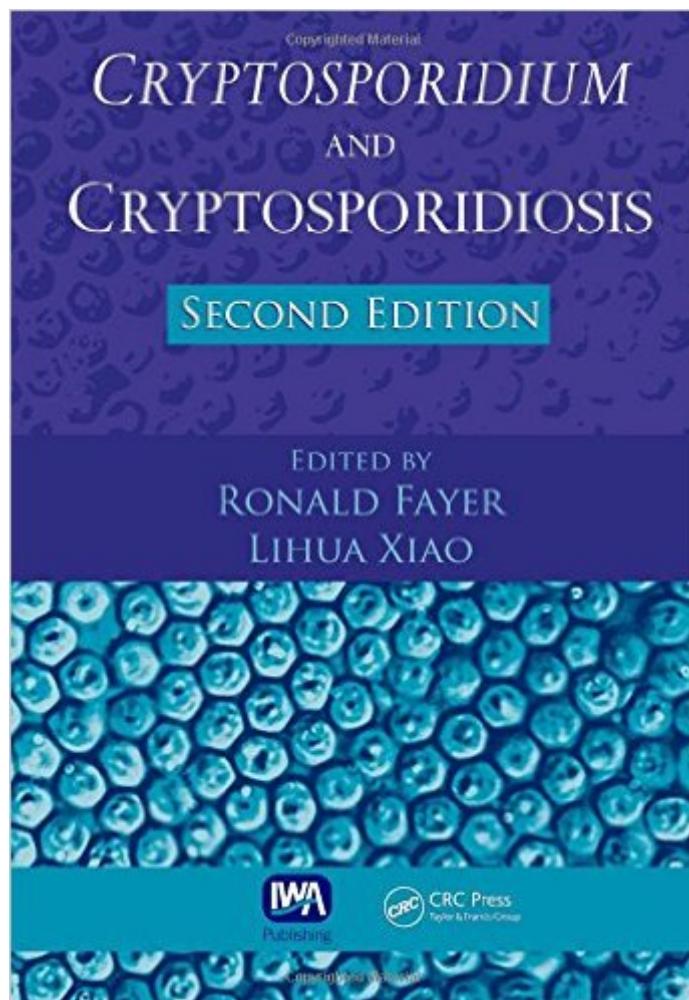


The book was found

Cryptosporidium And Cryptosporidiosis, Second Edition



Synopsis

From the microscopic observation of infection to the widespread application of molecular techniques in taxonomy and epidemiology, to the genome sequencing of two major species and advances in biochemistry, phylogeny, and water treatment, new information on this fascinating genus continues to mount as we discover and utilize the latest scientific techniques and methods. Greatly revised and expanded to encompass the volume and scope of new material, this second edition of a highly acclaimed reference provides a comprehensive and up-to-date consolidation of data. Continuing to be the seminal work in the field, *Cryptosporidium and Cryptosporidiosis, Second Edition* covers every aspect involved in the study of these highly adaptable parasites from basic biology to the search for a vaccine. It introduces molecular biology by discussing recent discoveries in the genome, genetic regulation, and comparative genomics of several species. Contributions present new biochemical data including metabolism and the investigation of structural proteins as potential drug targets. The book details transmission dynamics and molecular epidemiology, molecular methods for detecting infection, sources of contamination in foodborne transmission, and outbreaks and governmental regulations concerning drinking water, recreational waters, and waste management. Chapters consider host immune responses, the histopathology and pathophysiology of infection in immunocompetent and immunocompromised humans, and the vast array of compounds tested for the prophylaxis and treatment of cryptosporidiosis in humans and animals. The specifics of disease presentation address several species including fish, reptiles, birds, wild animals, companion animals, and livestock. The final chapters define appropriate animal models for parasite propagation and research, and describe the cells and media most useful for in vitro techniques.

Book Information

Hardcover: 576 pages

Publisher: CRC Press; 2 edition (December 25, 2007)

Language: English

ISBN-10: 1420052268

ISBN-13: 978-1420052268

Product Dimensions: 1 x 7.2 x 10.5 inches

Shipping Weight: 2.7 pounds (View shipping rates and policies)

Average Customer Review: Be the first to review this item

Best Sellers Rank: #4,640,930 in Books (See Top 100 in Books) #45 in Books > Medical Books >

Veterinary Medicine > Microbiology #76 in Books > Medical Books > Veterinary Medicine >

Parasitology #189 in Books > Textbooks > Medicine & Health Sciences > Medicine > Basic

Sciences > Parasitology

[Download to continue reading...](#)

Cryptosporidium and Cryptosporidiosis, Second Edition Cryptosporidium and Cryptosporidiosis

Cryptosporidium: parasite and disease Cryptosporidiosis in Man & Animals Technology in the Law

Office, Second Edition (Technology in the Law Office, Second Edition) The Broadview Anthology of

British Literature Volume 4: The Age of Romanticism - Second Edition (Broadview Anthology of

British Literature - Second Edition) The Broadview Anthology of British Literature: Concise Volume

B - Second Edition (Broadview Anthology of British Literature - Second Edition) Teaching English as

a Foreign or Second Language, Second Edition: A Teacher Self-Development and Methodology

Guide (Michigan Teacher Training) Grandparents as Parents, Second Edition: A Survival Guide for

Raising a Second Family The Greatest Civil War Battles: The Second Battle of Bull Run (Second

Manassas) Organic Chemistry As a Second Language: Second Semester Topics Organic

Chemistry II as a Second Language: Second Semester Topics Materials North American Edition

w/Online Testing: Materials - North American Edition, Second Edition: engineering, science,

processing and design Genki: An Integrated Course in Elementary Japanese II [Second Edition]

(Japanese Edition) (English and Japanese Edition) Complementary and Alternative Medicine and

Multiple Sclerosis, 2nd Edition: Second Edition Drugs and Human Lactation, Second Edition: A

comprehensive guide to the content and consequences of drugs, micronutrients,

radiopharmaceuticals and ... and occupational chemicals in human milk Assessment, Evaluation,

and Programming System for Infants and Children (AEPSA ®), Second Edition, Test: Birth to

Three Years and Three to Six Years ... and Programming System (Unnumbered) Introduction to the

Library and Information Professions, 2nd Edition: Second Edition askGabe about Creating a

Website: Do-It-Yourself Secrets and Strategies to Designing and Building Your Own Static and

Dynamic Websites for the Lowest Cost ... (Second Edition) (The askGabe Series) Tribology of

Polymeric Nanocomposites, Second Edition: Friction and Wear of Bulk Materials and Coatings

(Tribology and Interface Engineering)

[Dmca](#)