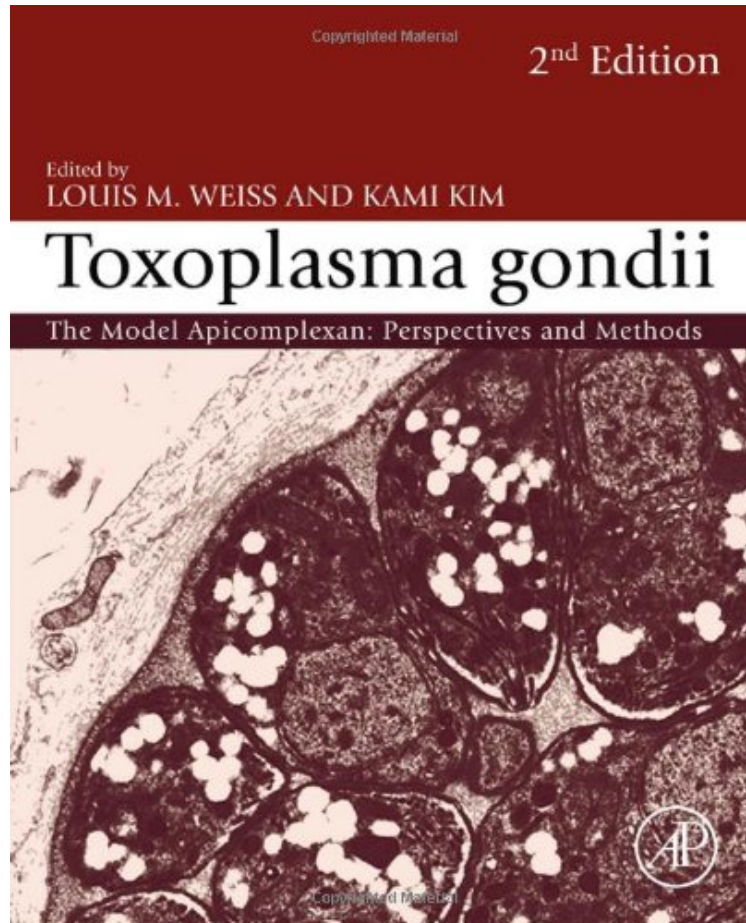


Toxoplasma Gondii, Second Edition: The Model Apicomplexan - Perspectives and Methods

From Academic Press
*ePub | *DOC | audiobook | ebooks | Download PDF*



DOWNLOAD



READ ONLINE

#2117008 in Books 2013-10-10Original language:EnglishPDF # 1 9.30 x 2.20 x 7.60l, .0 #File Name: 01239648141160 pages | File size: 48.Mb

From Academic Press : Toxoplasma Gondii, Second Edition: The Model Apicomplexan - Perspectives and Methods before purchasing it in order to gage whether or not it would be worth my time, and all praised Toxoplasma Gondii, Second Edition: The Model Apicomplexan - Perspectives and Methods:

0 of 0 people found the following review helpful. Four StarsBy veronicaA very useful and an important book for any student or Toxoplasma gondii researcher

This 2e of Toxoplasma gondii reflects the significant advances in the field in the last 5 years, including new information on the genomics, epigenomics and proteomics of T. gondii as well as a new understanding of the population biology and genetic diversity of this organism. T. gondii remains the best model system for studying the entire Apicomplexa group of protozoans, which includes Malaria, making this new edition essential for a broad group of researchers and scientists. Toxoplasmosis is caused by a one-celled protozoan parasite known as T. gondii. The

infection produces a wide range of clinical syndromes in humans, land and sea mammals, and various bird species. Most humans contract toxoplasmosis by eating contaminated, raw or undercooked meat (particularly pork), vegetables, or milk products; by coming into contact with the *T. gondii* eggs from cat feces; or by drinking contaminated water. The parasite damages the ocular and central nervous systems, causing behavioral and personality alterations as well as fatal necrotizing encephalitis. It is especially dangerous for the fetus of an infected pregnant woman and for individuals with compromised immune systems, such as HIV-infected patients. Completely updated, the 2e presents recent advances driven by new information on the genetics and genomics of the pathogen. Provides the latest information concerning the epidemiology, diagnosis, treatment and prevention of toxoplasmosis. Offers a single-source reference for a wide range of scientists and physicians working with this pathogen, including parasitologists, cell and molecular biologists, veterinarians, neuroscientists, physicians, and food scientists.

"The field was in need of this new edition because of the information burst that has occurred with the sequencing of the genome which has led to tractable genetic systems. A one source resource for these molecular techniques is essential to the continuing progress in this research field." Melanie T. Cushion, Ph.D., Professor and Associate Chair for Research, Division of Infectious Diseases, University of Cincinnati College of Medicine, Ohio "...a must have for anyone interested in the field of *Toxoplasma* research...the cornerstone of any aspiring protozoologists library...I love this book for its content, layout, and ease of finding detailed information"--*JAVMA*, *Toxoplasma Gondii*, 2nd Edition

From the Back Cover This new edition of *Toxoplasma gondii* reflects the significant advances in the field in the last 5 years, including new information on the genomics, epigenomics and proteomics of *T. gondii* as well as a new understanding of the population biology and genetic diversity of this organism. *T. gondii* remains the best model system for studying the entire Apicomplexa group of protozoans, which includes Malaria, making this new edition essential for a broad group of researchers and scientists.

About the Author Louis M. Weiss M.D., M.P.H is Professor of Medicine (Division of Infectious Diseases) and Professor of Pathology (Division of Parasitology and Tropical Medicine) of the Albert Einstein College of Medicine, Bronx, New York. Dr. Weiss received his M.D. and M.P.H degrees from the Johns Hopkins University in 1982. He then completed a residency in Internal Medicine at the University of Chicago and a fellowship in Infectious Diseases at the Albert Einstein College of Medicine. Following this fellowship, he joined the faculty at Einstein where he is currently a Professor of Pathology and Medicine. His laboratory group has an active research program on parasitic diseases with a research focus on *Toxoplasma gondii*, the Microsporidia and *Trypanosoma cruzi*. Dr. Weiss is the author of over 200 publications and the editor of 3 books on parasitology. He is a fellow of the American College of Physicians, Infectious Disease Society of America and the American Academy of Microbiology. Dr. Weiss is the Co-Director of the Einstein Global Health Center.