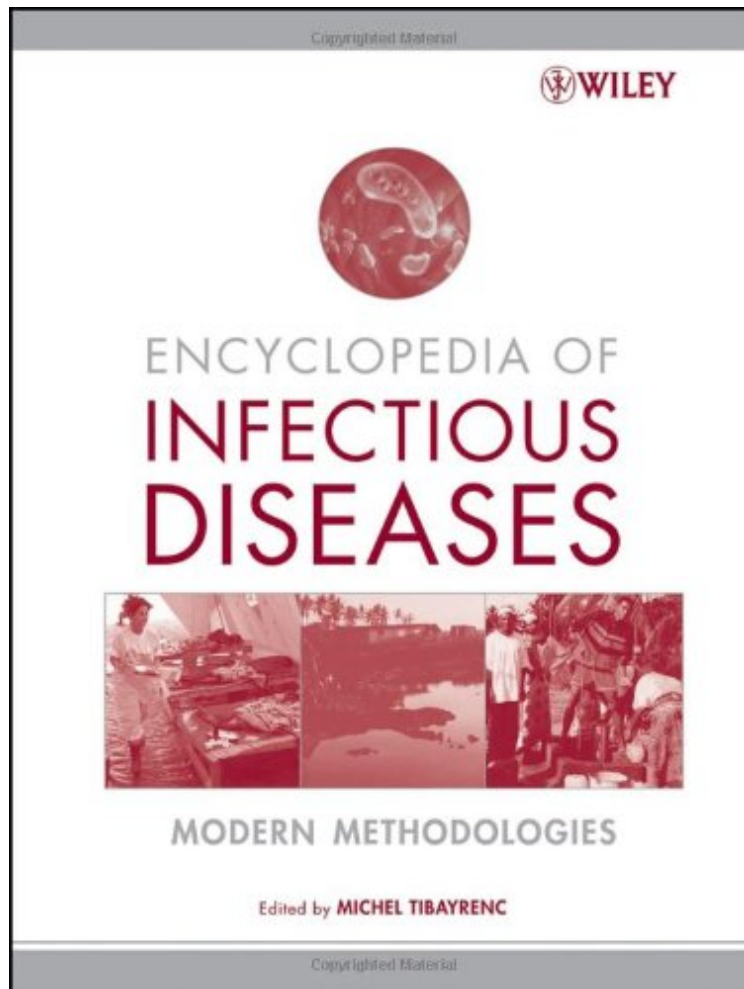


(Free and download) Encyclopedia of Infectious Diseases: Modern Methodologies

Encyclopedia of Infectious Diseases: Modern Methodologies

From Wiley-Liss

*audiobook / *ebooks / Download PDF / ePub / DOC*



DOWNLOAD



READ ONLINE

#3004809 in Books 2007-07-27Original language:EnglishPDF # 1 11.22 x 1.80 x 8.68l, 4.69 #File Name: 0471657328800 pages | File size: 38.Mb

From Wiley-Liss : Encyclopedia of Infectious Diseases: Modern Methodologies before purchasing it in order to gage whether or not it would be worth my time, and all praised Encyclopedia of Infectious Diseases: Modern Methodologies:

Discover how the application of novel multidisciplinary, integrative approaches and technologies are dramatically changing our understanding of the pathogenesis of infectious diseases and their treatments. Each article presents the state of the science, with a strong emphasis on new and emerging medical applications. The Encyclopedia of Infectious Diseases is organized into five parts. The first part examines current threats such as AIDS, malaria, SARS, and influenza. The second part addresses the evolution of pathogens and the relationship between human genetic diversity and the spread of infectious diseases. The next two parts highlight the most promising uses of molecular

identification, vector control, satellite detection, surveillance, modeling, and high-throughput technologies. The final part explores specialized topics of current concern, including bioterrorism, world market and infectious diseases, and antibiotics for public health. Each article is written by one or more leading experts in the field of infectious diseases. These experts place all the latest findings from various disciplines in context, helping readers understand what is currently known, what the next generation of breakthroughs is likely to be, and where more research is needed. Several features facilitate research and deepen readers' understanding of infectious diseases: Illustrations help readers understand the pathogenesis and diagnosis of infectious diseases Lists of Web resources serve as a gateway to important research centers, government agencies, and other sources of information from around the world Information boxes highlight basic principles and specialized terminology International contributions offer perspectives on how infectious diseases are viewed by different cultures A special chapter discusses the representation of infectious diseases in art With its multidisciplinary approach, this encyclopedia helps point researchers in new promising directions and helps health professionals better understand the nature and treatment of infectious diseases.

"This is a fascinating bookfeels more like a series of musings and reviews as opposed to an encyclopaedia." (Doody's, February 2008) "The overall quality and timeliness of the scientific content is superb." (CHOICE, February 2008) "Thought-provoking book will be valuable addition to academic health sciences and public health library collections." (American Reference Books Annual, March 2008)From the Back CoverNew multidisciplinary approaches that are changing our understanding of infectious diseases Discover how the application of novel multidisciplinary, integrative approaches and technologies are dramatically changing our understanding of the pathogenesis of infectious diseases and their treatments. Each article presents the state of the science, with a strong emphasis on new and emerging medical applications. The Encyclopedia of Infectious Diseases is organized into five parts. The first part examines current threats such as AIDS, malaria, SARS, and influenza. The second part addresses the evolution of pathogens and the relationship between human genetic diversity and the spread of infectious diseases. The next two parts highlight the most promising uses of molecular identification, vector control, satellite detection, surveillance, modeling, and high-throughput technologies. The final part explores specialized topics of current concern, including bioterrorism, world market and infectious diseases, and antibiotics for public health. Each article is written by one or more leading experts in the field of infectious diseases. These experts place all the latest findings from various disciplines in context, helping readers understand what is currently known, what the next generation of breakthroughs is likely to be, and where more research is needed. Several features facilitate research and deepen readers' understanding of infectious diseases: Illustrations help readers understand the pathogenesis and diagnosis of infectious diseases Lists of Web resources serve as a gateway to important research centers, government agencies, and other sources of information from around the world Information boxes highlight basic principles and specialized terminology International contributions offer perspectives on how infectious diseases are viewed by different cultures A special chapter discusses the representation of infectious diseases in art With its multidisciplinary approach, this encyclopedia helps point researchers in new promising directions and helps health professionals better understand the nature and treatment of infectious diseases.About the AuthorMICHEL TIBAYRENC, MD, PhD, is Director of Research in the Genetics of Infectious Diseases Unit of the Institut de Recherche pour le Dveloppement in France. Currently, he is the IRD representative in Thailand. The principal organizer of the international congresses for the Molecular Epidemiology and Evolutionary Genetics of Infectious Diseases (MEEGID) Society, Dr. Tibayrenc is also the founder and Editor-in-Chief of the journal Infection, Genetics and Evolution.