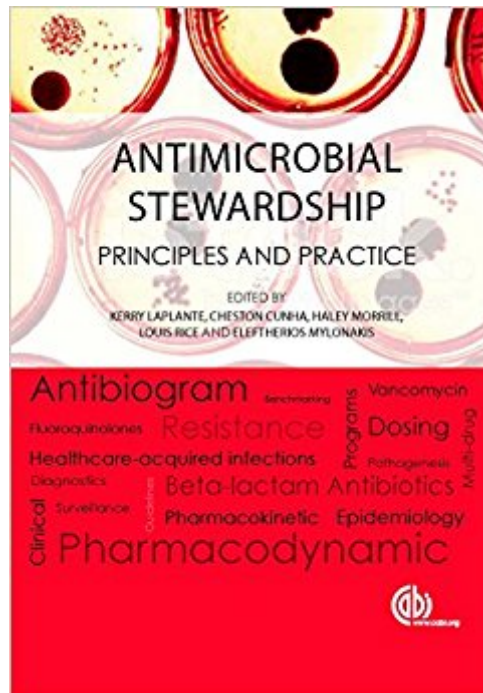




The book was found

Antimicrobial Stewardship: Principles And Practice



Synopsis

In an age where antimicrobial resistance amongst pathogens grows more prevalent, particularly in the hospital setting, antimicrobial stewardship is an evidence-based, proven measure in the battle against resistance and infection. This comprehensive, definitive reference work is written by an international team of acknowledged experts in the field. The authors explore the effective use of coordinated antimicrobial interventions to change prescribing practice and help slow the emergence of antimicrobial resistance, ensuring that antimicrobials remain an effective treatment for infection. Amongst the first of its kind, *Antimicrobial Stewardship* provides infectious disease physicians, administrators, laboratory, pharmacy, nursing, and medical staff practical guidance in setting up antimicrobial stewardship programs in their institutions with the aim of selecting the optimal antimicrobial drug regimen, dose, duration of therapy, and route of administration.

Book Information

Hardcover: 450 pages

Publisher: CABI; 1 edition (January 31, 2017)

Language: English

ISBN-10: 1780644396

ISBN-13: 978-1780644394

Product Dimensions: 7.5 x 1.4 x 9.8 inches

Shipping Weight: 2.9 pounds (View shipping rates and policies)

Average Customer Review: Be the first to review this item

Best Sellers Rank: #970,925 in Books (See Top 100 in Books) #49 in [Books > Medical Books > Pharmacology > Clinical](#) #182 in [Books > Textbooks > Medicine & Health Sciences > Medicine > Diagnostics & Labs > Laboratory Medicine](#) #260 in [Books > Medical Books > Medicine > Internal Medicine > Pathology > Laboratory Medicine](#)

Customer Reviews

Eleftherios Mylonakis is a physician-scientist, and his work focuses on the study of microbial pathogenesis and drug discovery. His research has developed a novel alternative to studying bacterial and fungal infection and host responses: the use of invertebrate model hosts. These surrogate invertebrate hosts fill an important niche in fungal pathogenesis research. His investigations have identified novel virulence factors, cross kingdom pathogen-pathogen interactions, novel antifungal agents, and evolutionarily conserved traits that are involved in host virulence and immune responses during infection. Recently, Dr. Mylonakis implemented

high-throughput whole-animal *Caenorhabditis elegans* assay to screen libraries of chemical compounds and identify those with antimicrobial activity. In vivo evaluation of libraries of chemical compounds could solve some of the main obstacles in current antifungal discovery, such as finding new classes of compounds and solving the bottleneck of toxicity/efficacy testing. This approach challenges the position that studies in fungal pathogenesis should focus on the analysis of the "host," the "pathogen," or the "antimicrobial compound." Dr. Mylonakis has published over 150 articles in the scientific literature, and peer-reviewed grants from the National Institutes of Health and private foundations have supported his studies. He is the founding Editor-in-Chief of the journal *Virulence* and serves on the editorial boards of many publications and as an ad hoc reviewer for over 40 journals. Louis Rice is at Rhode Island Hospital. Kerry LaPlante is a tenured Professor of Pharmacy at the University of Rhode Island, an Adjunct Professor of Medicine at Brown University, and the Founding Director of the Antimicrobial Stewardship Research Fellowship at the Providence Veterans Medical Center. Her work is dedicated to furthering antibiotic education and research across the full spectrum of healthcare science, from antibiotic development to clinical applications. An internationally recognized leader in the field of antibiotic research, Dr. LaPlante is an elected Fellow of the American College of Clinical Pharmacy, and has served on the editorial boards for the leading journals in pharmacy and pathogenic microbiology. She is frequently invited to lecture at national infectious diseases meetings and symposia, and is an author on over 60 peer-reviewed articles, and book chapters, which span topics from antimicrobial stewardship, antibiotic resistance, drug discovery and in vitro activity of combination antimicrobial agents. Cheston Cunha is at Brown University. Haley Morrill is at Veterans Affairs Medical Center.

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

Antimicrobial Stewardship: Principles and Practice Antimicrobial Pharmacodynamics in Theory and Clinical Practice, Second Edition (Infectious Disease and Therapy) Antimicrobial Pharmacodynamics in Theory and Clinical Practice (Infectious Disease and Therapy) Biochemistry and Molecular Biology of Antimicrobial Drug Action The Sanford Guide to Antimicrobial Therapy 2017 The Sanford Guide to Antimicrobial Therapy 2016 Antimicrobial Polymers 2017 Nelson's Pediatric Antimicrobial Therapy Antimicrobial Therapy in Veterinary Medicine Sanford Guide to Antimicrobial Therapy (Sanford Guide to Antimicrobial Therapy) Handbook of Animal Models of Infection: Experimental Models in Antimicrobial Chemotherapy Land, Stewardship, and Legitimacy: Endangered Species Policy in Canada and the United States (Studies in Comparative Political Economy and Public Policy) Atlas of Florida's Natural Heritage: Biodiversity, Landscapes, Stewardship, and Opportunities Communicating for Life: Christian Stewardship in Community and

Media (RenewedMinds) Trauma Stewardship: An Everyday Guide to Caring for Self While Caring
for Others Sound Stewardship: How Shall Christians Think about Music? Finding Purpose:
Environmental Stewardship as a Personal Calling GUIDELINES 2013-2016 STEWARDSHIP
(Guidelines Leading Congregation) Not Your Parents' Offering Plate: A New Vision for Financial
Stewardship New Consecration Sunday Stewardship Program with Guest Leader Guide &
CD-ROM: Revised Edition

[Contact Us](#)

[DMCA](#)

[Privacy](#)

[FAQ & Help](#)