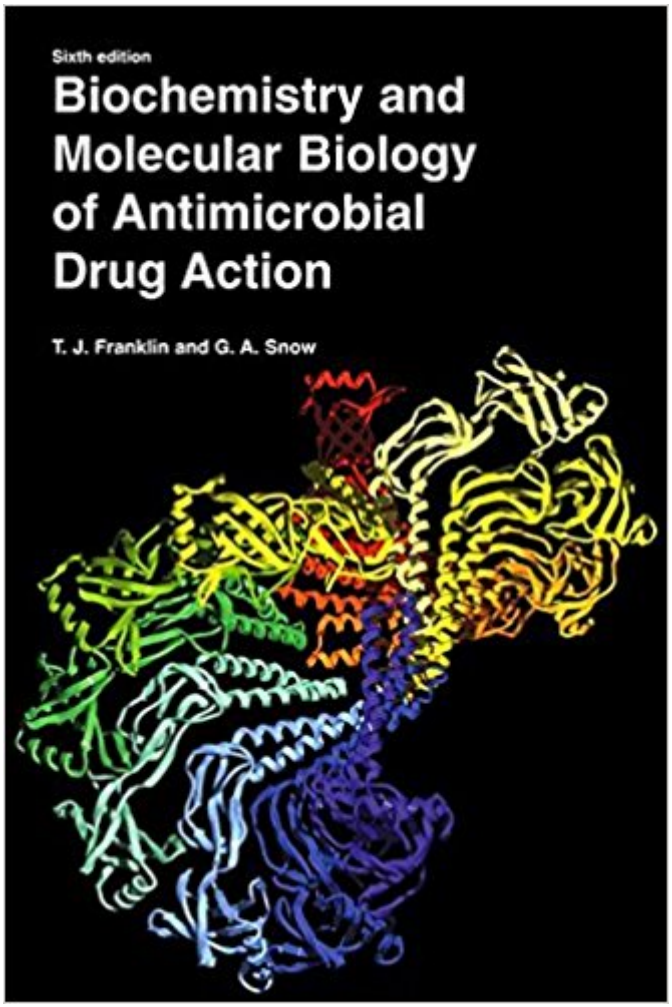
Biochemistry And Molecular Biology Of Antimicrobial Drug Action



Synopsis

The subject is one of major interest in basic microbiology and infectious diseases and the book is a known classic.

Book Information

Hardcover: 182 pages

Publisher: Springer; 6th edition (March 3, 2005)

Language: English

ISBN-10: 0387225544

ISBN-13: 978-0387225548

Product Dimensions: 7.1 x 0.7 x 10.4 inches

Shipping Weight: 1.2 pounds (View shipping rates and policies)

Average Customer Review: 5.0 out of 5 stars 1 customer review

Best Sellers Rank: #3,026,390 in Books (See Top 100 in Books) #33 inÃ Â Books > Medical Books > Pharmacology > Pharmacodynamics #702 inÃ Â Books > Textbooks > Medicine & Health Sciences > Medicine > Basic Sciences > Microbiology #760 inÃ Â Books > Medical Books > Pharmacology > Toxicology

Customer Reviews

From the reviews of the sixth edition: "This sixth edition builds on the successful formula of its predecessors with an accessible small format, clear diagrams and illustrations, key antibiotic structures and an engaging explanatory text. Ã¢â ¬Â¦ the great strength ... is that it has managed to convey the essentials of the topic without Ã¢â ¬Â¦ expanding in girth at each edition. Ã¢â ¬Â¦ this book remains the first port of call for those requiring an overview of the topic or seeking a starting point for more in-depth information on an unfamiliar antimicrobial." (Jonathan H Cove, British Toxicology Society Newsletter, Winter, 2005)

This stimulating new edition of the well-respected title Biochemistry and Molecular Biology of Antimicrobial Drug Action primarily covers medically important antimicrobial agents, but also includes some compounds not in current medical use which have been invaluable as research tools in biochemistry. Since the previous edition, of this book, the impact of molecular biology on our understanding of the mechanisms of antimicrobial action and drug resistance has evolved significantly. This is reflected in the bookÃ¢â ¬â„¢s coverage with new material covering the remarkable recent developments in unraveling the complex molecular details of drug interactions

with such key targets as ribosomes and the enzymes of nucleic acid replication and microbial cell wall biosynthesis. The new addition also reviews key advances in the biochemistry and molecular biology of drug-resistant pathogens including viruses, parasitic protozoa, fungi and the much feared Ã¢â ¬Ëœsuperbugsâ ¬â„¢ such as MRSA. Completely updated and rewritten, Biochemistry and Molecular Biology of Antimicrobial Drug Action will be of great use to medical and biological sciences students taking courses in pharmacology, molecular biology, microbiology, biochemistry and chemotherapeutics. Because of the wealth of information within the covers of this important book, all those involved in research into drug action and development, whether in the pharmaceutical industry or academia, will find Biochemistry and Molecular Biology of Antimicrobial Drug Action invaluable. It should also be on the shelves of all libraries, in university medical schools and departments of biological sciences, biochemistry and pharmacology.

"...an authorative, lucid, and well-produced account of the action of antimicrobial compounds. The fifthedition represents a thorough revision of the whole text and it is highly recommended to all those involved in developing, testing and using these important agents."

Abuse: How to Deal With an Addict Adult, Friend, Family Member, Teen or Teenager Who is Addicted to Medications (Prescription Pill Drug Abuse Help) Marks' Basic Medical Biochemistry (Lieberman, Marks's Basic Medical Biochemistry) Biochemistry (BIOCHEMISTRY (VOET)) Medical Biochemistry: With STUDENT CONSULT Online Access, 3e (Medial Biochemistry)