



DOWNLOAD



## Novel Antimicrobial Agents and Strategies

By Phoenix, David A. / Harris, Frederick

Condition: New. Publisher/Verlag: Wiley-VCH | By integrating knowledge from pharmacology, microbiology, molecular medicine, and engineering, researchers from Europe, the U.S. and Asia cover a broad spectrum of current and potential antimicrobial medications and treatments. The result is a comprehensive survey ranging from small-molecule antibiotics to antimicrobial peptides and their engineered mimetics, from enzymes to nucleic acid therapeutics, from metallic nanoparticles to photo- and sonosensitizers and to phage therapy. In each case, the therapeutic approaches are compared in terms of their mechanisms, likelihood to induce resistance, and their efficiency in a global healthcare context. Unrivaled knowledge for professionals in fundamental research, pharmaceutical development and clinical practice. | Preface THE PROBLEM OF MICROBIAL DRUG RESISTANCE Introduction History of the Origins, Development, and Use of Conventional Antibiotics Problems of Antibiotic Resistance Multiple Drug-Resistant (MDR), Extensively Drug-Resistant (XFR), and Pan-Drug-Resistant (PDR) Organisms MDR Mechanisms of Major Pathogens Antimicrobial Stewardship Programs Discussion CONVENTIONAL ANTIBIOTICS - REVITALIZED BY NEW AGENTS Introduction Conventional Antibiotics The Principle of Combination Antibiotic Therapy Antibiotic Resistance Breakers: Revitalize Conventional Antibiotics Discussion DEVELOPING NOVEL BACTERIAL TARGETS: CARBONIC ANHYDRASES AS ANTIBACTERIAL DRUG TARGETS Introduction Carbonic Anhydrases CA Inhibitors Classes of CAs Present in Bacteria Pathogenic Bacterial CAs Alpha-CAs in Pathogenic Bacteria Beta-CAs in Pathogenic Bacteria Gamma-CAs from Pathogenic Bacteria Conclusions MAGAININS - A MODEL FOR DEVELOPMENT OF EUKARYOTIC ANTIMICROBIAL PEPTIDES (AMPs) Introduction Magainins and Their Antimicrobial Action Magainins as Antibiotics Other Antimicrobial Uses of...



READ ONLINE

[ 4.03 MB ]

### Reviews

*An exceptional ebook along with the typeface utilized was fascinating to read through. I am quite late in start reading this one, but better then never. You are going to like the way the blogger write this publication.*

-- Judd Schulist

*Excellent eBook and beneficial one. It is amongst the most amazing pdf i actually have study. Your daily life period will likely be convert when you full looking at this pdf.*

-- Janelle Kub PhD

## Other eBooks



### **The Battle of Eastleigh, England U.S.N.A.F., 1918**

RareBooksClub. Paperback. Book Condition: New. This item is printed on demand. Paperback. 36 pages. Dimensions: 9.6in. x 7.3in. x 0.2in. This historic book may have numerous typos and missing text. Purchasers can download a free scanned copy of the original book (without typos)...



### **Index to the Classified Subject Catalogue of the Buffalo Library; The Whole System Being Adopted from the Classification and Subject Index of Mr. Melvil Dewey, with Some Modifications .**

Rarebooksclub.com, United States, 2013. Paperback. Book Condition: New. 246 x 189 mm. Language: English . Brand New Book \*\*\*\*\* Print on Demand \*\*\*\*\*. This historic book may have numerous typos and missing text. Purchasers can usually download a free scanned copy of the...



### **From Kristallnacht to Israel: A Holocaust Survivor s Journey**

Dog Ear Publishing, United States, 2009. Paperback. Book Condition: New. 226 x 152 mm. Language: English . Brand New Book \*\*\*\*\* Print on Demand \*\*\*\*\*. In the 1930s, as evil begins to envelope Europe, Karl Rothstein is born in Austria. As his life...



### **Hitler's Exiles: Personal Stories of the Flight from Nazi Germany to America**

New Press. Hardcover. Book Condition: New. 1565843940 Never Read-12+ year old Hardcover book with dust jacket-may have light shelf or handling wear-has a price sticker or price written inside front or back cover-publishers mark-Good Copy- I ship FAST with FREE tracking!! \*...



### **Born Fearless: From Kids' Home to SAS to Pirate Hunter - My Life as a Shadow Warrior**

Quercus Publishing Plc, 2011. Hardcover. Book Condition: New. No.1 BESTSELLERS - great prices, friendly customer service â" all orders are dispatched next working day.



### **Shadows Bright as Glass: The Remarkable Story of One Man's Journey from Brain Trauma to Artistic Triumph**

Free Press. Hardcover. Book Condition: New. 1439143102 SHIPS WITHIN 24 HOURS!! (SAME BUSINESS DAY) GREAT BOOK!!.