Record Nr. UNINA9910298596403321 Antibacterials [[electronic resource]]: Volume II / / edited by Jed F. **Titolo** Fisher, Shahriar Mobashery, Marvin J. Miller Pubbl/distr/stampa Cham:,: Springer International Publishing:,: Imprint: Springer,, 2018 **ISBN** 3-319-70839-2 Edizione [1st ed. 2018.] 1 online resource (222 pages): illustrations Descrizione fisica Topics in Medicinal Chemistry, , 1862-2461; ; 26 Collana Disciplina 616.92061 Soggetti Medicinal chemistry **Biochemistry** Organic chemistry Medicinal Chemistry Biochemistry, general **Organic Chemistry** Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Nucleoside Natural Product Antibiotics Targetting Microbial Cell Wall Nota di contenuto Biosynthesis -- The Cyclic Lipopeptide Antibiotics -- Fully Synthetic Tetracyclines: Increasing Chemical Diversity to Combat Multidrug-Resistant Bacterial Infections -- The Antifolates -- The Oxazolidinones. - Sideromycins as Pathogen-Targeted Antibiotics -- Quorum Sensing Inhibitors as Pathoblockers for Pseudomonas aeruginosa Infections: A New Concept in Anti-Infective Drug Discovery. Medicinal chemistry is both science and art. The science of medicinal Sommario/riassunto chemistry offers mankind one of its best hopes for improving the quality of life. The art of medicinal chemistry continues to challenge its practitioners with the need for both intuition and experience to discover new drugs. Hence sharing the experience of drug research is uniquely beneficial to the field of medicinal chemistry. Drug research requires interdisciplinary team-work at the interface between chemistry, biology and medicine. Therefore, the topic-related series Topics in Medicinal Chemistry covers all relevant aspects of drug research, e.g. pathobiochemistry of diseases, identification and

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