Record Nr. UNINA9910141264203321 **Titolo** Antibacterial agents: chemistry, mode of action, mechanisms of resistance, and clinical applications / / Rosaleen Anderson ... [et al.] Pubbl/distr/stampa Chichester, West Sussex, U.K., : John Wiley & Sons, 2012 **ISBN** 1-118-32482-X 1-118-32542-7 1-118-32544-3 1-280-68550-6 9786613662446 1-118-32543-5 Edizione [1st ed.] 1 online resource (379 p.) Descrizione fisica Altri autori (Persone) AndersonRosaleen J Disciplina 615.7/922 Soggetti Antibacterial agents Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Note generali Description based upon print version of record. Nota di bibliografia Includes bibliographical references and index. Nota di contenuto section 1. Introduction to microorganisms and antibacterial chemotherapy -- section. 2. Agents targeting DNA -- section 3. Agents targeting metabolic processes -- section 4. Agents targeting protein synthesis -- section 5. Agents targeting cell-wall synthesis. Sommario/riassunto Antibacterial agents act against bacterial infection either by killing the bacterium or by arresting its growth. They do this by targeting bacterial DNA and its associated processes, attacking bacterial metabolic processes including protein synthesis, or interfering with bacterial cell wall synthesis and function. Antibacterial Agents is an essential guide to this important class of chemotherapeutic drugs. Compounds are organised according to their target, which helps the reader understand the mechanism of action of these drugs and how resistance can arise. The book uses an i