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Titolo	Development of new MDR-tuberculosis drugs // Jarmila Vinsova and Martin Kratky
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Descrizione fisica	1 online resource (112 p.)
Collana	Pharmacology-research, safety testing and regulation
Altri autori (Persone)	KratkyMartin <1960->
Disciplina	615.5/8
Soggetti	Antitubercular agents Multidrug-resistant tuberculosis - Chemotherapy
Lingua di pubblicazione	Inglese
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Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Resistance to commonly used drugs, mechanism of the action -- Research of novel MDR potential drugs.
Sommario/riassunto	The emergence of resistance to anti-tuberculosis drugs, particularly of MDR-TB and newly XDR-TB, has become a major public health problem. The current treatment regiment has several disadvantages, i. e. long treatment period (DOTS takes minimum 6 months) during which tubercle bacilli mutant become resistant to one or more drugs; side effects of the used drugs; co-infection of HIV/AIDS. The emergence of MDR-TB has made many currently available anti-TB drugs ineffective. Sleeping latent forms of mutant bacilli resistant against common anti-TB drugs pose the risk of epidemic for the new generation. This book outlines the recent advances in the development of new multi-drug-resistant tuberculosis (MDR-TB) drugs.