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Altri autori (Persone)	SinghNagendra
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Sommario/riassunto	The rise in the incidence of infections is caused by multi drugresistant (MDR) bacteria, it is essential to elucidate the basic mechanism ofantibiotic resistance to discover effective methods for diagnosis and treatmentof infections. The use of pathogen-specific probes offers a faster alternative forpathogen detection and could improve the diagnosis of infection. High resolutionmelting analysis techniques are useful for the detection of multi drugresistant pathogens. Rational Structural Based Drug Design is a common methodto identify a lead compound and take it forward for further developments.This book provides information about recent strategies involved in thediagnosis and treatment of infections caused by MDR bacteria. The volume coversthe use of molecular probes for the quantification of pathogenic bacteria, alongwith other techniques mentioned above. Chapters also cover the use of identificationof novel drug targets from the Lipid A biosynthesis and also from quorum sensingmediated biofilm formation in MDR bacteria. Chapters also cover herbal alternatives for the treatment of MDRbacteria like the use of Cassiaaungustifolia in treatment of various diseases. The reference is suitablefor biomedical students, cellular and molecular biologists.

