Record Nr. UNINA9911020278503321 Mycobacteria: molecular biology and virulence / / edited by Colin **Titolo** Ratledge and Jeremy Dale Pubbl/distr/stampa Oxford;; Malden, MA,: Blackwell Science, 1999 **ISBN** 9786612117657 9781282117655 1282117653 9781444311433 1444311433 9781444311440 1444311441 Descrizione fisica 1 online resource (420 p.) Altri autori (Persone) RatledgeColin DaleJeremy Disciplina 579.3/74 Soggetti Mycobacteria - Genetics Molecular biology Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Note generali Description based upon print version of record. Includes bibliographical references and index. Nota di bibliografia Mycobacteria Molecular Biology and Virulence; Contents; List of Nota di contenuto contributors; Preface; Chapter 1: Recombination; Chapter 2: Mobile genetic elements and plasmids: tools for genetic studies; Chapter 3: Mycobacteriophages; Chapter 4: Gene expression and regulation; Chapter 5: Genomics of Mycobacterium tuberculosis and Mycobacterium leprae; color plates; Chapter 6: Molecular epidemiology: human tuberculosis; Chapter 7: Molecular epidemiology: Mycobacterium bovis; Chapter 8: Molecular epidemiology: other mycobacteria; Chapter 9: Molecular diagnostics Chapter 10: Immunodiagnosis of mycobacterial infectionChapter 11: Mycobacterial growth and dormancy; Chapter 12: Cell wall: physical structure and permeability; Chapter 13: The cell-wall core of

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Tuberculosis continues to kills more people than any other single infective agent. The resurgence of the disease in many countries has produced a heightened awareness of the threat posed by mycobacterial infections. At the same time, there has been an explosion of knowledge of the fundamental properties of mycobacteria, most notably the determination of the complete genome sequence of Mycobacterium tuberculosis. This book provides an up-to-date account of these developments in the molecular biology and immunology of mycobacteria, coupled with allied advances of a more applied nature, such a