1. Record Nr. UNINA9910763597103321

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| Titolo | Diagnosis of Mycobacterium / / edited by Amit Singh, Divakar Sharma |
| Pubbl/distr/stampa | Singapore : , : Springer Nature Singapore : , : Imprint : Springer, , 2023 |
| ISBN | 981-9956-24-2 |
| Edizione | [1st ed. 2023.] |
| Descrizione fisica | 1 online resource (274 pages) |
| Disciplina | 616.0142 |
| Soggetti | Microbiology<br>Diagnosis<br>Diseases<br>Internal medicine<br>Internal Medicine<br>Mycobacterium tuberculosis<br>Micobacteris<br>Microbiologia mèdica<br>Tuberculosi<br>Resistència als medicaments<br>Diagnòstic de laboratori<br>Llibres electrònics |
| Lingua di pubblicazione | Inglese |
| Formato | Materiale a stampa |
| Livello bibliografico | Monografia |
| Nota di bibliografia | Includes bibliographical references. |
| Nota di contenuto | Chapter 1. Introduction to Diagnosis of Mycobacterium -- Chapter 2. Clinical and Radiological Diagnosis of Tuberculosis -- Chapter 3. Pathology based Diagnosis of Tuberculosis -- Chapter 4. Assessment of Hematological and Biochemical Parameters in the Diagnosis and Prognosis of Tuberculosis -- Chapter 5. Different Methods of Microscopic and Bacteriological Diagnosis of Tuberculosis -- Chapter 6. Molecular Diagnosis of Tuberculosis -- Chapter 7. Diagnosis and Challenges of Pediatric Tuberculosis -- Chapter 8. Diagnosis of Latent Tuberculosis -- Chapter 9. The Future of Serology-Based Diagnosis for Tuberculosis in India -- Chapter 10. Point of Care (POC) Detection Technique for Mycobacterium -- Chapter 11. Recent Advances in the Diagnosis and Treatment of Non-tuberculous Mycobacteria Infection -- |

Chapter 12. Sensor and Nanotechnology based Diagnostics in the Field of Mycobacteriology -- Chapter 13. Non-tuberculous Mycobacterium Infections in Lung Disease and Medical Interventions -- Chapter 14. Laboratory Diagnosis of Zoonotic Tuberculosis: An Update.

Sommario/riassunto

This book covers all the aspects related to the laboratory diagnosis of Mycobacterium. Laboratory diagnosis includes microscopic to advance molecular diagnosis. Moreover, it deals with the methods used to detect antimycobacterial susceptibility tests and drug resistance. Chapters cover most potential methods and techniques from traditional to advanced future diagnostics for identifying tuberculosis, NTM, and latent TB infections. Also discussed are the challenges and opportunities in the diagnostic science of infectious disease. This book offers assistance to students, postgraduate medical students, researchers, medical practitioners, postdoctoral fellows, microbiologists, nurses, and public health officers working in tuberculosis control programs to understand various modalities for diagnosis and drug-resistance tuberculosis.