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Altri autori (Persone)	ShahHaroun N GharbiaSaheer
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Nota di contenuto	pt. 1. Microbial characterisation ; The transition from conventional methods to proteomics -- pt. 2. Proteomics tools and biomarker discovery -- pt. 3. Protein samples : preparation techniques -- pt. 4. Characterisation of microorganisms by pattern matching of mass spectral profiles and biomarker approaches requiring minimal sample preparation -- pt. 5. Targeted molecules and analysis of specific microorganisms -- pt. 6. Statistical analysis of 2D gels and analysis of mass spectral data -- pt. 7. DNA resequencing by MALDI-TOF-mass spectrometry and its application to traditional microbiological problems.
Sommario/riassunto	New advances in proteomics, driven largely by developments in mass spectrometry, continue to reveal the complexity and diversity of pathogenic mechanisms among microbes that underpin infectious diseases. Therefore a new era in medical microbiology is demanding a rapid transition from current procedures to high throughput analytical systems for the diagnosis of microbial pathogens. This book covers the

broad microbiological applications of proteomics and mass spectrometry. It is divided into six sections that follow the general progression in which most microbiology laboratories are app
