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Nota di contenuto	Table of Contents -- 1. Allergic Bronchopulmonary Aspergillosis/Mycosis: An Underdiagnosed Disease -- 2. Post-Viral Aspergillosis -- 3. Aspergillus and Aspergillosis in People with Chronic Diseases -- 4. Virulence Attributes in Aspergillus fumigatus -- 5. Nanomaterials-Based Biosensors against Aspergillus and Aspergillosis: Control and Diagnostic Perspectives -- 6. Metagenomic Next-Generation Sequencing (mNGS) for the Diagnosis of Pulmonary Aspergillosis -- 7. Aspergilosis: Resistance and Future Impacts -- 8. Immunosensing of Aflatoxin B1 and Ochratoxin A on a Portable Device as Point-of-Care -- 9. The Menace of Aflatoxin: Understanding the Effects of Contamination by Aspergillus Species on Crops and Human Health and Advancements in Managing These Toxic Metabolites -- 11 citation on Dimensions. -- 10. Whey Protein Fermentation with Aspergillus niger: Source of Antioxidant Peptides.
Sommario/riassunto	This book is divided into five sections and ten chapters, highlighting recent advances in Aspergillus and aspergillosis from pathogenicity to novel diagnosis based on biosensors and metagenomic next-generation sequencing, mechanisms of antifungal drug resistance, Aspergillus-human interactions, immunopathogenesis of invasive

aspergillosis, post-viral aspergillosis, treatment strategies, and the importance of beneficial and harmful metabolites of Aspergillusin public health and industry. This book presents cutting-edge research on Aspergillus along with useful information for mycologists, microbiologists, toxicologists, plant pathologists, and pharmacologists who may be interested in understanding the impact, significance, and recent advances within the genus Aspergillus that have not been critically noticed elsewhere.