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Nota di contenuto	Part I: General Mycology -- Chapter 1. Taxonomy and Classification of Fungi -- Chapter 2. Host-Fungi Relationship: Pathogenicity and Immunity -- Chapter 3. Fungal Immunology -- Chapter 4. Fungal Genomics -- Chapter 5. Fungal Proteomics -- Chapter 6. Epidemiology of Fungal Zoonoses/Sapronoses -- Chapter 7. Diagnosis of Fungal Zoonoses/Sapronoses -- Chapter 8. Treatment and Management of Fungal Zoonoses/Sapronoses -- Chapter 9. Antifungal agents and resistance -- Chapter 10. Prevention and Control of Fungal Zoonoses -- Part II: Superficial Fungal Zoonotic Infections -- Chapter 11. Dermatophytosis -- Chapter 12. Malassezia infections -- Part III: Subcutaneous Fungal Zoonotic Infections? -- Chapter 13. Phaeohyphomycosis -- Chapter 14. Feline Sporotrichosis -- Part IV: Systemic Fungal Zoonotic Infections? -- Chapter 15. Coccidioidomycosis -- Chapter 16. Paracoccidioidomycosis -- Chapter 17. Zoonotic paracoccidioidomycosis ceti -- Chapter 18. Blastomycosis -- Chapter 19. Histoplasmosis -- Part IV: Opportunistic Fungal Zoonoses? -- Chapter 20. Aspergillosis in animals and birds -- Chapter

21. Cryptococcosis -- Chapter 22. Adiaspiromycoses -- Chapter 23. Talaromycosis -- Chapter 24. Pneumocystosis.

Sommario/riassunto

This textbook, which is the second volume of the book series-Microbial Zoonoses, provides a comprehensive overview of the epidemiology, clinical features, diagnosis, and management of fungal zoonoses and sapronoses of public importance. The book is divided into two volumes; the chapters in the first volume deals with the general introduction, taxonomy and genomic analysis, classification of fungus, pathogenesis and immunology of fungal infections. The subsequent chapters in this section provide an overview of the epidemiology, diagnosis, antifungal agents available for treatment, management, and prevention of fungal zoonoses and sapronoses. It also classifies anti-fungal agents and discusses the mechanism of resistance to these agents. Lastly, it presents the challenges in the treatment of the fungal diseases. The second section discusses important fungal infections and disease causing fungal agents. It also provides information on the pathogenesis, pathology, immunology and clinical manifestations. Cutting across the disciplines, this book act as a guide to the undergraduate and post graduate students of medicine, veterinary and allied sciences who deals with fungal infections.
