

Table of Contents:

Section 1: General Principles, including Diagnosis

1. The Epidemiology of Fungal Infections, Shawn R. Lockhart, Daniel J. Diekema & Michael A. Pfaller
2. Recent Advances in Understanding Human Opportunistic Fungal Pathogenesis Mechanisms, Robert A. Cammer & John R. Perfect
3. Immunology, Thomas S. Harrison & Stuart M. Levitz
4. The Laboratory and Clinical Mycology, Michael A. Pfaller & Michael R. McGinnis
5. Histopathology of Fungal Infections, Vicki J. Schnadig & Gail L. Woods
6. Radiology of Fungal Infections, Prasanna G. Vibhute, Venkat R. Surabhi, Angel Gomez, Santiago Restrepo, Michael McCarthy, Carlos Bazan III, Kedar Chintapalli
7. Antifungal Therapy, Elias A. Anaissie & Paul Gubbins

Section 2: The Organisms

8. Candida, Maria C. Dignani, Joseph S. Solomkin & Elias J. Anaissie
9. Cryptococcus, Marianna A. Viviani & Anna Maria Tortorano
10. Infections Caused by Non - Candida, Non - Cryptococcus Yeasts, Michael A. Pfaller, Daniel J. Diekema & William G. Merz
11. Aspergillus, Malcolm D. Richardson & Willian Hope
12. Zygomycosis, Luis Ostrosky-Zeichner, Michael Smith & Michael R. McGinnis
13. Fusarium and other Hyaline Hyphomycetes, Elias J. Anaissie
14. Dematiaceous Fungi, Deanna A. Sutton, Michael G. Rinaldi & Stephen E. Sanche

15. Endemic Mycoses, Gregory M. Anstead & Thomas Patterson
16. Dermatophytes and Dermatophytoses, Mahmoud A. Ghannoum & Nancy C. Scham
17. Pneumocystis, Michael A. Pfaller & Elias J. Anaissie
18. Atypical Fungal and Fungal-like Infections: Lacaziosis, Mythiosis and Rhinosporidiosis, Leonel Mendoza & Raquel Vilela

Section 3: Clinical Syndromes and Organ Systems

19. Fungal Infections in the patient with Human Immunodeficiency Virus Infection, Michael Saccente
20. Fungal Infections in Cancer Patients, Elias J. Anaissie
21. Fungal Infections in the Organ Transplant Recipient, Robert H. Rubin
22. Fungal Infections in Pediatric Patients, Andreas H. Groll, Emmanuel Roilides & Thomas J. Walsh
23. Oral Fungal Infections, William G. Powderly
24. Cutaneous and Subcutaneous Mycoses, Natalia Mendoza, Anita Arora, Cesar A. Arias, Carlos A. Hernandez, Vandana Madkam & Stephen K. Tying
25. Fungal Infection of Bone and Joint, Carol A. Kemper & Stanley C. Deresinski
26. Fungal Infections of the Genitourinary Tract, Jack D. Sobel
27. Diagnosis and Treatment of Fungal Infections of the Respiratory Tract, Thomas J. Walsh
28. Central Nervous System Infection, Richard J. Hamill
29. Hematogenously Disseminated Fungal Infections, Stephanie L. Baer & Peter G. Pappas

30. Fungal Infections of the Eye, Golnaz Javey, Victor L. Yu & Jeffery J. Zuravleff

Section 4: Special Considerations

31. Geographic, Travel and Occupational Mycology, Robert W. Bradsher

32. Mycotoxins and their Effects on Humans, Michael Smith & Michael R. McGinnis