

1. Record Nr.	UNINA9910153113103321
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Titolo	Microbiology with diseases by taxonomy // Robert W. Bauman
Pubbl/distr/stampa	Harlow, England : , : Pearson Education Limited, , 2014 ©2014
ISBN	1-292-03648-6
Edizione	[Fourth edition.]
Descrizione fisica	1 online resource (886 pages) : illustrations (some color)
Collana	Pearson New International Edition
Disciplina	616.9/041
Soggetti	Microbiology Medical microbiology
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Bibliographic Level Mode of Issuance: Monograph
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Cover -- Table of Contents -- 1. A Brief History of Microbiology -- 2. The Chemistry of Microbiology -- 3. Cell Structure and Function -- 4. Microscopy, Staining, and Classification -- 5. Microbial Metabolism -- 6. Microbial Nutrition and Growth -- 7. Microbial Genetics -- 8. Recombinant DNA Technology -- 9. Controlling Microbial Growth in the Environment -- 10. Controlling Microbial Growth in the Body: Antimicrobial Drugs -- 11. Characterizing and Classifying Prokaryotes -- 12. Characterizing and Classifying Eukaryotes -- 13. Characterizing and Classifying Viruses, Viroids, and Prions -- 14. Infection, Infectious Diseases, and Epidemiology -- 15. Innate Immunity -- 16. Adaptive Immunity -- 17. Immunization and Immune Testing -- 18. Immune Disorders -- 19. Pathogenic Gram-Positive Bacteria -- 20. Pathogenic Gram-Negative Cocci and Bacilli -- 21. Rickettsias, Chlamydias, Spirochetes, and Vibrios -- 22. Pathogenic Fungi -- 23. Parasitic Protozoa, Helminths, and Arthropod Vectors -- 24. Pathogenic DNA Viruses -- 25. Pathogenic RNA Viruses -- Appendix: Metabolic Pathways -- Appendix: Some Mathematical Considerations in Microbiology -- Index.
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