

Table of Contents

- Part I Fundamentals of Microbiology
- Chapter 1 The Science of Microbiology
- Chapter 2 Cell Structure
- Chapter 3 Classification of Bacteria
- Chapter 4 The Growth, Survival, & Death of Microorganisms
- Chapter 5 Cultivation of Microorganisms
- Chapter 6 Microbial Metabolism
- Chapter 7 Microbial Genetics
- Part II Immunology
- Chapter 8 Immunology
- Part III Bacteriology
- Chapter 9 Pathogenesis of Bacterial Infection
- Chapter 10 Antimicrobial Chemotherapy
- Chapter 11 Normal Microbial Flora of the Human Body
- Chapter 12 Spore-Forming Gram-Positive Bacilli: Bacillus & Clostridium Species
- Chapter 13 Non-Spore-Forming Gram-Positive Bacilli: Corynebacterium, Propionibacterium, Listeria, Erysipelothrix & Related Pathogens
- Chapter 14 The Staphylococci
- Chapter 15 The Streptococci
- Chapter 16 Enteric Gram-Negative Rods (Enterobacteriaceae)
- Chapter 17 Pseudomonads, Acinetobacters, & Uncommon Gram-Negative Bacteria
- Chapter 18 Vibrios, Campylobacters, Helicobacter, & Associated Bacteria
- Chapter 19 Haemophilus, Bordetella, and Brucella
- Chapter 20 Yersinia, Francisella, & Pasteurella
- Chapter 21 The Neisseriae
- Chapter 22 Infections Caused by Anaerobic Bacteria
- Chapter 23 Legionellae & Unusual Bacterial Pathogens
- Chapter 24 Mycobacteria
- Chapter 25 Spirochetes & Other Spiral Microorganisms
- Chapter 26 Mycoplasmas and Cell Wall-Defective Bacteria
- Chapter 27 Rickettsial Diseases
- Chapter 28 Chlamydiae
- Part IV Virology
- Chapter 29 General Properties of Viruses
- Chapter 30 Pathogenesis & Control of Viral Diseases
- Chapter 31 Parvoviruses
- Chapter 32 Adenoviruses
- Chapter 33 Herpesviruses
- Chapter 34 Poxviruses
- Chapter 35 Hepatitis Viruses
- Chapter 36 Picornaviruses (Enterovirus & Rhinovirus Groups)
- Chapter 37 Reoviruses & Rotaviruses
- Chapter 38 Arthropod-Borne & Rodent-Borne Viral Diseases
- Chapter 39 Orthomyxoviruses (Influenza Viruses)

- Chapter 40 Paramyxoviruses & Rubella Virus
- Chapter 41 Coronaviruses
- Chapter 42 Rabies, Slow Virus Infections, & Prion Diseases
- Chapter 43 Human Cancer Viruses
- Chapter 44 AIDS & Lentiviruses
- Part V Mycology
- Chapter 45 Medical Mycology
- Part VI Parasitology
- Chapter 46 Medical Parasitology
- Part VII Diagnostic Medical Microbiology & Clinical Correlation
- Chapter 47 Principles of Diagnostic Medical Microbiology
- Chapter 48 Case & Clinical Correlations