Cascade Microbiology

- Front Matter

- 1: An Invisible World
2: How We See the Invisible World

3: The Cell

- **Bacteria**
  - Proteobacteria
  - Cyanobacteria
  - Firmicutes
  - Actinobacteria
  - Deinococci
  - Thermotogae
  - Archaebacteria

- **Archaea**
  - Methanobacteria
  - Methanosarcina
  - Archaea

**Phylogenetic Tree**

4: Prokaryotic Diversity

5: The Eukaryotes of Microbiology
6: Acellular Pathogens

7: Microbial Metabolism

8: Microbial Growth

9: Mechanisms of Microbial Genetics
10: Modern Applications of Microbial Genetics

11: Innate Nonspecific Host Defenses

12: Specific Adaptive Host Defenses

13: Diseases of the Immune System
14: Microbial Mechanisms of Pathogenicity

• 15: Disease and Epidemiology

• 16: Control of Microbial Growth

• 17: Antimicrobial Drugs
18: Bacterial Pathogens and Diseases

19: Eukaryotic Pathogens and Diseases

20: Acellular Pathogens and Diseases