

SEVENTH EDITION

Alcamo's Fundamentals of Microbiology

Jeffrey C. Pommerville

The seventh edition of this classic text, now with a new title to honor the late Professor Ed Alcamo, is filled with updated content, new pedagogical features, an enhanced art program, and updated student and instructor supplements. Revised by Jeffrey C. Pommerville, Ph.D., Professor of Biology and Microbiology at Glendale Community College, *Alcamo's Fundamentals of Microbiology, Seventh Edition* retains the signature Alcamo style, its friendly tone, personal writing style, student-friendly organization, and emphasis on real-world applications. Professor Pommerville has added material to keep pace with new developments in the field such as a new chapter covering genetic engineering and bacterial genomics and the latest information on emerging infectious diseases. *Alcamo's* continues to be the ideal microbiology text for nursing and allied health students and is suitable also for other non-majors microbiology courses.

New features in *Alcamo's Fundamentals of Microbiology, Seventh Edition*:

- **MicroInquiry Boxes** emphasize critical reasoning using scenarios and case studies that encourage students to investigate an important aspect of the chapter being studied
- More emphasis on science as a process of knowing (Chapter 1)
- A new chapter covering genetic engineering and bacterial genomics (Chapter 7)
- Rewritten chapters on viruses (Chapter 12) and immunology (Chapter 19)
- A preface to students on **How to Use a Textbook**
- Updated and revised content that reflects the most recent advances and findings about emerging infectious diseases including SARS, West Nile fever, and monkeypox
- Coverage of organisms thought to be potential bioterrorism agents
- New artwork and many new photographs to improve learning and understanding

Outstanding student supplements to accompany the text:

Student Study Guide

By Jeffrey C. Pommerville, ISBN: 0-7637-4536-7 ~ Softcover ~ © 2004

Alcamo's Laboratory Fundamentals of Microbiology, Seventh Edition

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Encounters In Microbiology

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