

# ALCAMO'S MICROBES AND SOCIETY

BENJAMIN S. WEEKS

THIRD EDITION

Revised and updated to reflect the latest information in the field, the *Third Edition* of *Alcamo's Microbes and Society* is intended for liberal arts students taking a foundation course in the life sciences. It discusses the role of microbes in our everyday lives, from food production to biotechnology and the numerous other ways microbes affect our world. Author Benjamin S. Weeks goes on to explore such topics as the function of microbes in ecological systems and environmental systems. Coverage of bioterrorism, antibiotic resistance, and microbial disease offer students a broad and current perspective of the extensive impact of various microbes, and "In the Headlines" boxes highlight relevant newsworthy issues centered on microorganisms. Consistent with I. Edward Alcamo's student-friendly writing style, material is presented in a lively format that will engage students and highlight both the positive and negative impacts that microorganisms have on our society.

#### New and Key Features of the *Third Edition*:

- Each chapter begins with a "Looking Ahead" section to highlight the important topics covered within that section
- New and revised "A Closer Look" boxes present historical insights, interesting asides, or discussion about the direction of current research
- New "In the Headlines" boxes discuss recent microbial issues that have become mainstream news, such as the cholera epidemic in post-earthquake Haiti
- Key terms are boldfaced to draw the reader's attention, and pronunciations of difficult microbial names are presented in the margin

#### Supplements:

##### For Instructors:

An Instructor's Media CD includes a PowerPoint® Image Bank and PowerPoint Lecture Outlines. A Test Bank, chapter outlines, and answers to the text's Questions to Consider are also available online.

##### For Students:

A Student Companion Website includes an online study guide with quizzes, flashcards, crosswords, and links to further increase students' knowledge and excitement about the microbial world. <http://microbiology.jbpub.com/microbes/3e/>



JONES & BARTLETT  
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