

EIGHTH EDITION

Alcamo's Laboratory Fundamentals of Microbiology

Jeffrey C. Pommerville

Updated with new exercises and a new organization, the eighth edition of *Alcamo's Laboratory Fundamentals of Microbiology* is a comprehensive lab manual offering thirty-four multipart lab exercises designed to provide students with basic training in the handling of microorganisms while exploring microbial properties and uses. It is reorganized to introduce basic laboratory skills—culture transfer and pure culture techniques—in the first two exercises, followed by microscopy and bacterial staining techniques. Included in this edition are new exercises for analysis of a bacterial growth curve, bacterial conjugation, and bacterial transformation. This lab manual can be used independently of *Alcamo's Fundamentals of Microbiology, Eighth Edition*.

An *Instructor's Manual* is also available and provides principles of lab safety; research topic ideas; information on customizing laboratory programs; helpful suggestions for setting up and running each exercise; and lists of laboratory media, cultures, and special materials used in each exercise.

Also available:

Student Study Guide to accompany Alcamo's Fundamentals of Microbiology, Eighth Edition

Jeffrey C. Pommerville

ISBN-13: 978-0-7637-4987-3

ISBN-10: 0-7637-4987-7

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This important study tool consists of over 3,000 practice exercises, questions, and puzzles to help students master the basic concepts and test their understanding of the material. All of the answers are provided at the back of the study guide.

Guide to Infectious Diseases by Body System

Jeffery C. Pommerville

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ISBN-10: 0-7637-3481-0

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Organized by body system, each unit presents a brief introduction to the anatomical system and the bacterial, viral, fungal, or parasitic organisms infecting the system. This book makes an excellent infectious disease primer and quick reference for any microbiology student!



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