

Case Studies in Microbiology: A Personal Approach

Anderson/Young continues the national trend for using case studies by providing a case-based learning resource for instructors and students. The cases are all real and taken from the authors' personal and professional experiences. The personal format increases student retention of the material and helps the students to empathize with the patient.

Key features include:

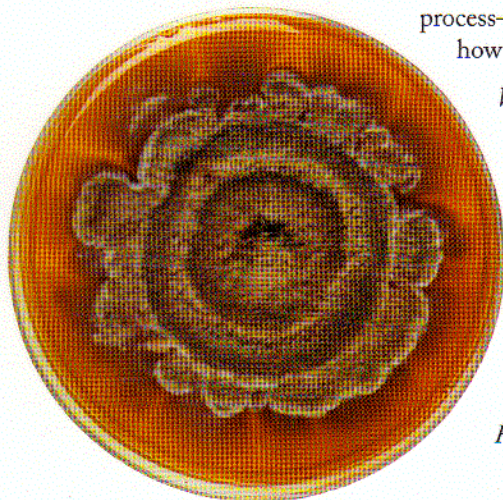
- Cases that are **reflective of genuine, current clinical examples**—Students taking microbiology who choose careers in health care will encounter these microbial diseases.
- Cases are written with a **personal prospective** rather than the clinical format typical of most cases available for students and faculty. Since this is the way healthcare professionals will actually encounter microbiology-related healthcare issues, it makes the material an outstanding simulation of real-world problems students will face.
- Laboratory results/data/techniques are included to help students solve the case as well as review this factual information, while **reinforcing laboratory-related information**.
- Case **questions are color coded by topic**—This makes the cases more versatile for use by an instructor. Color coding places questions in areas of laboratory analysis, pathogen identification, disease treatment or disease prevention.

"*Case Studies in Microbiology* provides examples of how microbiology impacts our lives on a daily basis. I bring newspaper articles to class as well as current internet and CDC examples and cases so that the students can hopefully see that microbiology affects us constantly. This would be another valuable tool to illustrate that point. These case studies are even more valuable because they tie in all aspects of the disease process—from how it started, what affect it had, how it is treated, and how we can avoid it. This really works for me!"

William C. Matthai, Tarrant County College

Other case studies books I have seen are too challenging for the students, in my opinion. They are made for majors level nursing students. If you have no background in clinical work, then it would be hard to finish the assignment. I know I had difficulties. This one is written at a level where even introductory level microbiology students should be able to make sense of most of it, and be able to learn what is not understood.

Helmut Kae, Leeward Community College



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ISBN 978-0-470-63122-5



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