Microbiology Fundamentals: A Clinical Approach, 3e

Marjorie Kelly Cowan and Heidi Smith

©2019

ISBN: 1259709221

Detailed List of New Features

NEW FEATURES

• Microbiome information in every chapter and as a separate boxed feature at the chapter conclusion. These features walk students through critically analyzing the onslaught of recent research studies.

• New "SmartGrid" end-of-chapter feature organizes 21 questions in a grid that contains the six major curricular guidelines outlined by the American Society for Microbiology and includes the increasing levels of Bloom's Taxonomy of learning.

• Infographic-style tables present material in a way in which students can easily connect.

• "Medical Moments" now end with an open-ended question, which is answered in Appendix B.

• A new visual feature in each disease chapter (16-21) places the microbes from that chapter in context with respect to communicability and deadliness.

• Bioterror threat organisms are indicated in disease tables.

• Each organism is denoted in all disease tables as "B, V, F, P, or H", indicating bacterium, virus, etc.

DIGITAL ENHANCEMENTS

• Additional interactive critical thinking questions in every chapter.

• New case study questions throughout; adaptable for online use or active classroom learning.

• SmartGrid questions digitally adapted to assess ASM objectives at all Bloom's levels.

• Learning Resource Videos, narrated and illustrated by microbiology faculty, are followed by questions that assess video content and connect to other chapter material.

• New questions with citations for recent Morbidity and Mortality Weekly Reports, accompanied by relevant follow-up questions.

• Updated NCLEX® questions, written by an RN.

• SmartBook™ adapted reading enhanced with interactive learning resources, based on student assessment data from previous editions.

• New ADA-compliant eBook allows Connect users access to content via mobile phone or tablet—anywhere they are. Once a student downloads the content, it's accessible online or offline using the same tools— highlighting, notetaking, etc.