

INVEST IN YOUR FUTURE: MICROBIOLOGY MATTERS

Make the best use of your time, effort, and more

Viruses in the family *Herpesviridae* (cover) cause a number of diseases including chickenpox, shingles, infectious mononucleosis, cancer of blood vessels, and oral and genital herpes. Every herpes virus uses double-stranded DNA for its genes. Since this is the same kind of DNA used by cells, herpes viruses are adept at inserting themselves into cellular DNA where they can lie dormant only to emerge and cause disease many years after infection. You cannot see these pervasive viruses, even with a light microscope, but you can learn more about them and many other viruses, bacteria, and other microbes with Robert Bauman's ***Microbiology with Diseases by Taxonomy***.

This beautifully illustrated text consistently reinforces *why microbiology matters*—an important emphasis for any student investing in a future career in healthcare. Your smartphone or tablet device provides instant access to an expanded collection of learning resources, including 14 new Dr. Bauman Video Tutors and 6 new Micro Matters animated video cases. The unique and effective art program is stronger than ever, featuring new **Disease in Depth** 2-page spreads that showcase important and representative diseases using a combination of illustrations, micrographs, and infographics.

Personalize your learning with MasteringMicrobiology™

MasteringMicrobiology is an online homework, tutorial, and assessment program designed to improve student performance. Highlights of new learning resources for the **5th Edition** include:

- **NEW! Interactive Microbiology** is a dynamic suite of interactive tutorials and animations that teach key microbiology concepts including Operons, Biofilms and Quorum Sensing, Complement, and Antibiotic Resistance. Each tutorial presents the concept within a realistic healthcare scenario.
- **EXPANDED! Dr. Bauman's Video Tutors** were developed and narrated by the author and carefully teach key concepts using art from the text.
- **NEW! Disease in Depth coaching activities** provide guidance through specific diseases using personalized hints and feedback.
- **NEW! MicroBoosters** are a suite of brief video tutorials that cover key concepts for review. Topics include Study Skills, Scientific Terminology, Basic Chemistry, and Basic Cell Biology.

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