

Fundamentals of Microbiology provides nursing and allied health students with a firm foundation in microbiology. Updated to reflect the Curriculum Guidelines for Undergraduate Microbiology as recommended by the American Society of Microbiology, the fully revised tenth edition includes all-new pedagogical features and the most current research data. This edition incorporates updates on infectious disease and the human microbiome, a revised discussion of the immune system, and an expanded Learning Design Concept feature that challenges students to develop critical-thinking skills. Accessible enough for introductory students and comprehensive enough for more advanced learners, Fundamentals of Microbiology encourages students to synthesize information, think deeply, and develop a broad toolset for analysis and research. Real-life examples, actual published experiments, and engaging figures and tables ensure student success. The text's design allows students to self-evaluate and build a solid platform of investigative skills. Enjoyable, lively, and challenging, Fundamentals of Microbiology is an essential text for students in the health sciences. New to the fully revised and updated Tenth Edition: New Investigating the Microbial World feature in each chapter encourages students to participate in the scientific investigation process and challenges them to apply the process of science and quantitative reasoning through related actual experiments. All-new or updated discussions of the human microbiome, infectious diseases, the immune system, and evolution. Redesigned and updated figures and tables increase clarity and

student understanding. Includes new and revised critical thinking exercises included in the end-of-chapter material. Incorporates updated and new MicroFocus and MicroInquiry boxes, and Textbook Cases. The Companion Website includes a wealth of study aids and learning tools, including new interactive animations. Companion Website access is not included with ebook offerings.

Veterinary Microbiology D. Scott McVey 2022-06-24 Veterinary Microbiology Comprehensive reference work on the bacterial, fungal, and viral pathogens that cause animal diseases. Veterinary Microbiology, Fourth Edition presents comprehensive information based on the most recent research, diagnostic, and clinical publications for bacterial, fungal, and viral animal diseases. The information provided is intended to be most relevant for veterinary students and practitioners. The text is supported throughout by high-quality and full-color images to aid learning. A companion website offers chapter content, supplemental information, and figures from the book in PowerPoint format. Sample topics discussed within the book include: Pathogenic bacteriology: includes major classifications and genera of bacteria associated with veterinary infectious disease. Pathogenic mycology: dermatophytes, agents of subcutaneous mycoses, and agents of systemic mycoses. Pathogenic virology: includes RNA and DNA viruses as well as prions associated with veterinary infectious disease.