Medical Microbiology: E-Book
Patrick R. Murray 2012-10-29 Quickly learn the microbiology fundamentals you need to know with Medical Microbiology, 7th Edition. By Dr. Patrick R. Murray, Dr. Ken S. Rosenthal, and Dr. Michael A. Paller. Newly reorganized to correspond with integrated curricula and changing study habits, this practical, user-friendly textbook has retained its hallmark style and easy-to-use, presenting clinically relevant information about microbes and their diseases in a succinct and engaging manner. Consult this title in your favorite e-reader with interactive tools including enhanced images, margin notes, bookmarks, and more. Rewarding and current, this edition ensures that you’ll understand all the facts vital to the practice of medicine today. A revised artwork program illustrates the appearance of disease, simplifying complex information for your text and review of clinical concepts and advances for more efficient exam review. Online access to StudentConsult where you’ll find the complete contents of the book, fully searchable...Integration Links to Jemus content in other Student Consult titles: updated features for both standalone and library use in a single location...Mimics Medical Microbiology...Stresses both the basic scientific concepts and clinical correlations to medical practice. Progresses logically from normal immune function to abnormalities and clinical diseases. Reviews the diagnosis, treatment, and prevention of infectious disease. Infections remain a major global cause of mortality and in most hospitals around one in ten of those admitted will suffer from an infection acquired during their stay. The evolution of microbes presents a massive challenge for medical students and professionals. The 9th edition has been completely revised to reflect this rapidly-moving field's latest developments and includes a host of learning aids including clinical case studies, USMLE-type questions, and extensions new full-color! Features 66 chapters that simply and clearly describe the strains of viruses, bacteria, fungi, and parasites that can bring about infectious diseases...Features summary tables and text boxes that emphasize essential concepts and learning issues for readers need for a solid grounding in all aspects of clinical microbiology—bacteriology, mycology, parasitology, and virology...Explanations of host-parasite relationship, dynamics of infection, and host response USMLE-style questions and a clinical case conclude each chapter. Focus on clinical relevance with new interactive case presentations to introduce each of the microbial pathogens that illustrate the epidemiology, diagnosis, and treatment of infectious diseases. Vignolate the clinical presentations of infections with new and updated clinical photographs, images, and illustrations.

Medical Microbiology with STUDENT CONSULT Online Access, 7/Patrick R. Murray 2012 The new edition of this classic text presents the framework of microbiology as a means of approaching and understanding diseases caused by microbes. Classic presentations of infections with new and updated clinical photographs, images, and illustrations.
sections, the book begins with discussion on general microbiology, followed by immunology, systematic bacteriology, virology, and mycology. The second edition of this book has been expanded to cover a wide range of applications, including the latest advancements in clinical microbiology, and provides a comprehensive overview of hospital-acquired infections and clinical microbiology. The extensive text is further enhanced by more than 250 color illustrations, critical thinking exercises, and case studies. The book concludes with a chapter on special topics, focusing on emerging infectious diseases, bioterrorism, laboratory acquired infections, and zoonosis (the transmission of disease between humans and animals).

Key points: Comprehensive guide to medical microbiology for students Fully updated with new case studies and expanded coverage of current topics Detailed case studies richly illustrated with clinical microbiology, diagnosis, and tables Previous edition (9783531209780) published in 2015

Jawetz, Melnick & Adelbergs Medical Microbiology 27E By Karen C. Jawetz 2015-08-12 Understand the clinically important aspect of microbiology. Jawetz 27th edition now covers the latest advancements in microbial pathogenesis, diagnosis and treatment of microbial infections, this classic text has been updated throughout to reflect the enormous expansion of clinical microbiology knowledge by new molecular and clinical advances. Adelbergs understanding of microbial pathogenesis, and the discovery of novel pathogens. Along with brief descriptions of each organism, you will find particular perspective on precisely what you need to know. Clinically oriented coverage of infections of the central nervous system, meningitis, and infectious diseases. Microbiology: The Big Picture is a different kind of resource. With an emphasis on what you need to know. Jawetz, Melnick & Adelbergs Medical Microbiology introduces you to basic clinical microbiology through the fields of bacteriology, virology, and mycology, and parasitology, giving you a thorough yet understandable review of the discipline.

Viruses: A Very Short Introduction Dorothy H. Crawford 2011-07-28 Viruses are big news. From pandemics such as SARS, swine flu, and H1N1, we are constantly being bombarded with information about new lethal infections. In this Very Short Introduction Dorothy Crawford demonstrates how clever these viruses really are. From their discovery and the unraveling of their intricate structures, Crawford demonstrates how these tiny parasites are by far the most abundant life forms on the planet. With up to two billion of them in each litre of sea water, viruses play a vital role in controlling the marine environment and are essential to the ocean’s delicate ecosystem. Analyzing the threat of emerging virus infections, Crawford recounts stories of renowned killer viruses such as Ebola and SARS, as well as the less known norovirus and Hendra viruses. Viruses persisting with pregnant, veterinary, and veterinary medicine, as the source of the most recent pandemics, she discusses the reasons behind the present increase in potentially fatal infections and provides us with an evidence-based perspective on how we can adapt to our changing lifestyle in the 21st century. Crawford looks to the future to ask whether we can ever live in harmony with the viruses that surround us. It’s everything you need to know to understand the viral world and its consequences. ABOUT THE SERIES: The Very Short Introductions series from Oxford University Press contains hundreds of titles in almost every subject area. These pocket-sized books are the perfect way to get ahead in a new subject in a short amount of time. Our expert authors tackle topics such as politics, medical history, travel, art history, science, literature, and many more. Ideal for students of medicine, veterinary medicine, preclinical courses. The cases are presented as “unknowns” and represent actual case presentations of patients the authors have encountered in their careers. In this edition of cases, the cases are more highly complex cases where the interaction of the immune system and human pathogens can be more closely examined. Some of the more commonly encountered organisms For the first time, this easy-to-use atlas is available digitally for the first time. Color Atlas of Medical Microbiology and Infectious Diseases challenges students to develop a working knowledge of the variety of microorganisms with which they will likely interact. The book serves as an excellent aid to understand the clinical importance of the basic science concepts presented in medical microbiology or infectious disease courses. The cases are presented as “unknowns” and represent actual case presentations of patients the authors have encountered in their careers. The content is enhanced by numerous pedagogical features such as clinical case discussions, summary questions not in the book and addressing the diseases caused by invading microbes within each virus.

Microbiology: The Big Picture - Neal Chamberlain 2008-02-24 The Big Picture of Medical Microbiology-and zero-in on what you really need to know to ace the course and board exams and prepare for clinical rotations! Medical Microbiology: The Big Picture is a different kind of resource. With an emphasis on what you need to “know” versus “what’s nice to know,” and featuring 300 full-color illustrations, it offers a focused, straightforward overview of medical microbiology. The Big Picture is perfect for students preparing for Part 1 of the USMLE, as well as for laboratorians, clinicians, students, and anyone interested in understanding the basic science concepts presented in medical microbiology or infectious disease courses. The cases are presented as “unknowns” and represent actual case presentations of patients the authors have encountered in their careers. In this edition of cases, the cases are more highly complex cases where the interaction of the immune system and human pathogens can be more closely examined. Some of the more commonly encountered organisms For the first time, this easy-to-use atlas is available digitally for the first time. Color Atlas of Medical Microbiology and Infectious Diseases challenges students to develop a working knowledge of the variety of microorganisms with which they will likely interact. The book serves as an excellent aid to understand the clinical importance of the basic science concepts presented in medical microbiology or infectious disease courses. The cases are presented as “unknowns” and represent actual case presentations of patients the authors have encountered in their careers. The content is enhanced by numerous pedagogical features such as clinical case discussions, summary questions not in the book and addressing the diseases caused by invading microbes within each virus.
While medical and hygienic developments have driven down the mortality rates of infectious diseases, pathogenic microorganisms are still a major factor in everyday clinical practice. They are still the most frequent cause of death in Third World countries. New and incurable infectious diseases are a worldwide problem. It is inescapable, therefore, that modern medicine must redouble its efforts to understand the relationship between microorganisms and humans and continue to lead the search for new therapies. The following five subject areas are covered: Immunology, Bacteriology, Mycology, Virology, Parasitology. This book provides a clearly focused and richly detailed review of the entire field of medical microbiology. It is both a textbook for students of medicine and dentistry and a useful companion for medical technicians and laboratory assistants, both at school and in the laboratory. It will also serve as a handy work of reference for clinical practitioners. The book is structured with teachability in mind. The many color illustrations and microscopic images render complex themes readily accessible. Summaries at the beginning of every chapter, a color-coded reference guide and detailed diagnostic tables make this an excellent sourcebook for rapid learning and quick reference. A list of important internet addresses in the appendix will help the book’s users keep abreast of cutting-edge research.