Mims' Pathogenesis of Infectious Disease, Sixth Edition

Anthony A. Nash, Robert G. Dalziel, J. Ross Fitzgerald
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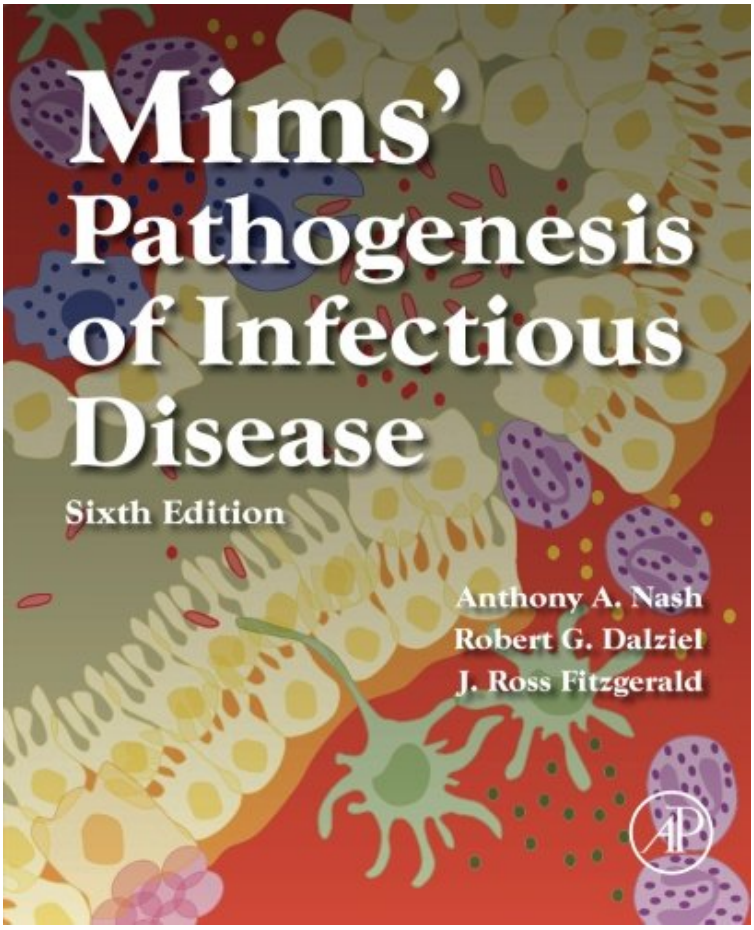

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Anthony A. Nash, Robert G. Dalziel, J. Ross Fitzgerald : Mims' Pathogenesis of Infectious Disease, Sixth Edition before purchasing it in order to gage whether or not it would be worth my time, and all praised Mims' Pathogenesis of Infectious Disease, Sixth Edition:

0 of 0 people found the following review helpful. Five StarsBy Marija KGreat book for specialty trainees2 of 3 people found the following review helpful. 6th edition of the Classic Infectious Disease Text.By UCProfA wonderful redux of a classic introductory book for medical and graduate students, Mims' Pathogenesis and Infectious Disease is the best and most accessible text covering the principles of pathogenesis. This new 6th edition cures some of the faults of previous versions and is presented in a more coherent and consistent style. The Authors are experts in their own rights and hold faculty appointments at the world renowned Roslin Institute and Royal (Dick) School of Veterinary Studies, University of Edinburgh. The information is concisely organized and presented, and is up to date including good coverage of the innate response. Much has happened in immunology and Infectious Disease in the 12 year interval between the prior 5th edition and the present 6th edition, and the authors have done a masterful job in capturing these changes.

Mims' Pathogenesis of Infectious Disease is the landmark book in the field of infectious disease. The new, revised edition of this work provides a comprehensive, up-to-date description of the mechanisms of microbial infection and the pathogenesis of infectious disease. Presented in a clear, accessible style, it deals in an integrated manner with the spectrum of microorganisms, describing the factors common to all infectious diseases. Molecular biology, pathology, and immunology are brought together to explain the mechanisms for spread, immune response, and recovery.Describes the origin and molecular biology of pandemic influenza, HIV1, and HIV2 as well as the recent work on papillomaviruses, herpesviruses, BSE, and variant CJDContains the latest data on tuberculosis, microbial evasion of immune defenses, and the spread of antibiotic resistance genes among bacteriaProvides an update on vaccines, prions, immune evasion, and microbial ligands and receptorsGives an up-to-date picture of the global burden of infectious diseases

"It is a valuable asset for all healthcare students, course directors, and officials who require critical knowledge about how microorganisms initiate and, in some cases, perpetuate human infections. Score: 78 - 3 Stars"--Doody's, Mims' Pathogenesis of Infectious Disease, Sixth Edition Praise for the previous edition: "This book should be in every medical library..."--POSTGRADUATE MEDICAL JOURNAL "This is an outstanding book of high scholarship of much interest to immunologists, microbiologists, pathologists and all those concerned with infectious diseases."--MOLECULAR MEDICINE TODAY "A splendidly imaginative book which will become a trusty companion for many of us."--THE LANCET "A short but comprehensive description of the mechanisms of infectious disease in an eminently readable form suitable for undergraduates in medicine, veterinary medicine and microbiology. An excellent book which should be read by teachers, students and research workers."--NEW SCIENTIST "In bringing this material together clearly, in one short thoughtful volume, Professor Mims offers the student a chance to acquire a sound appreciation of the infectious process."--BRITISH MEDICAL JOURNAL "It remains excellent value for money and will I am sure long continue to be a standard text."--JOURNAL OF MEDICAL MICROBIOLOGY "Clear, well-written text including tables, and impressive schematic drawings."--EXPERIMENTAL PATHOLOGYFrom the Back CoverJust as the virologist has to study not only the virus itself but also the cell and its response to infection, so the student of infectious disease must understand the body's response to infection as well as the properties of the invading microbe. An understanding of pathogenesis is vital in our continuing battle against infectious diseases and for the development of new treatment and preventative strategies. The new revised edition of this unique and highly readable work describes the mechanisms by which invading microbes cause disease and how the body reacts in defence. Principles are clearly explained, using examples from bacterial, parasitic, viral and fungal infections. New Features Include: * Microbial gene sequencing * Role of bacterial virulence factors in vivo * Latest data on tuberculosis - the number one infectious disease worldwide * Role of pathogenic cytokines * Significance of toxins * An update on vaccines, prions, immune evasion, microbial ligands and receptors Now regarded as a classic, Mims' Pathogenesis of Infectious Disease continues to be essential reading for all microbiology, infectious disease, immunology and pathology students at undergraduate and postgraduate levels, medical students and those new to the field.About the AuthorTony Nash is Emeritus Professor of Infectious Diseases at the University of Edinburgh. He has had a distinguished career i the field of viral pathogenesis in which he has over a 150 publications. He is a Fellow of the Royal Society of Edinburgh and of the Academy of medical sciences of the UK.Dr. Dalziel gained his BSc (Honours) in Biochemistry from the University of Glasgow in 1980. He then carried out his PhD studies on protein/DNA interactions in HSV-1 infected cells at the MRC Institute for Virology in Glasgow, graduating in 1984. He carried out post-doctoral research at the Scripps Research Institute, La Jolla CA, and in 1987 accepted a faculty position at the University of Edinburgh where he is now a senior lecturer and group leader in the Roslin Institute, Royal (Dick) School of Veterinary Studies.Dr. Dalziels research interests focus on the mechanism of virus pathogenesis with a particular interest in herpesviruses. He has almost 30 years of experience in teaching undergraduate veterinary science and medical students and has designed and developed a number of undergraduate courses. He has supervised over 20 Graduate students and has served as a member of the UK Government Advisory Committee on Genetic Manipulation (ACGM). He is also Editor in Chief of Veterinary Research Communications.Dr. J. Ross Fitzgerald is the principle investigator for the Laboratory for Bacterial Evolution and Pathogenesis, Centre for Infectious Diseases based at the College of Medicine and Veterinary Medicine, University of Edinburgh. The laboratory is focused on the use of genomic and molecular tools to examine the evolution and pathogenesis of clinically important species of Staphylococci. Dr. Fitzgerald has published numerous papers in peer-reviewed research journals.