FREE FUNDAMENTAL IMMUNOLOGY 7TH EDITION AND

Mabel Bates

Fundamental Immunology 7th Edition And Introduction

Fundamental Immunology

This standard-setting textbook has defined the field of immunology since 1984, and is now in its Seventh Edition continuing to deliver the detailed, authoritative, and timely coverage readers expect. This comprehensive, up-to-date text is ideal for graduate students, post-doctoral fellows, basic and clinical immunologists, microbiologists and infectious disease physicians, and any physician treating diseases in which immunologic mechanisms play a role. Now full-color throughout the book’s fully revised and updated content reflects the latest advances in the field. Current insights enhance readers’ understanding of immune system function. The text’s unique approach bridges the gap between basic immunology and the disease process. Extensive coverage of molecular biology explains the molecular dynamics underlying immune disorders and their treatment. Abundant illustrations and tables deliver essential information at a glance. Plus a convenient companion website features the fully searchable text and image bank! This is the tablet version of Fundamental Immunology which does not include access to the supplemental content mentioned in the text.

Fundamental Immunology

Now thoroughly revised and updated, this comprehensive, up-to-date text is ideal for graduate students, post-doctoral fellows, microbiologists, infectious disease physicians, and any physician who treats diseases in which immunologic mechanisms play a role.

Basic Immunology

Meticulously reviewed and updated for today's medical students, Basic Immunology, 7th Edition, is a concise text expertly written by the same distinguished author team as the best-selling, comprehensive text, Cellular and Molecular Immunology. This focused, easy-to-understand volume has been fully revised to include recent important advances in our understanding and knowledge of the immune system. A student favorite through six outstanding editions, this new edition uses full-color illustrations and clinical images, useful tables, and practical features such as Summary Point boxes, end-of-chapter review questions, glossary terms, and clinical cases—all designed to help students master this complex topic in the most efficient, effective manner possible. Emphasizes clinical aspects of immunology, including disease pathogenesis, the development of novel therapies based on basic science, and an appendix of clinical cases for real-world application. Contains new and expanded content on pandemics, COVID-19, and herd immunity; resistance and susceptibility to COVID-19; RNA vaccines and hybrid viral vaccines; tumor immunotherapy; innate immune responses to viruses; mechanisms of immunologic tolerance; and immunotherapy for autoimmune, allergic, and other inflammatory diseases, and cancer. Provides unrivalled instruction from an expert author team, all of whom are experienced teachers, course directors, and lecturers. Features a highly readable writing style and practical organization, now with fully revised content and updated images to cover new information and improve reader understanding of complex concepts. Provides additional online features such as answers to in-book chapter review questions and self-assessment questions. Presents information in a

format and style that maximizes usefulness to students and teachers of medicine, allied health fields, and biology. Contains numerous features designed to help students understand key immunologic concepts: high-quality illustrations, practical tables, chapter outlines, bolded key points, and focus questions in every chapter for self-assessment and review.

Paul's Fundamental Immunology

Selected as a Doody's Core Title for 2022! Defining the field of immunology for 40 years, Paul’s Fundamental Immunology continues to provide detailed, authoritative, up-to-date information that uniquely bridges the gap between basic immunology and the disease process. The fully revised 8th edition maintains the excellence established by Dr. William E. Paul, who passed away in 2015, and is now under new editorial leadership of Drs. Martin F. Flajnik, Nevil J. Singh, and Steven M. Holland. It’s an ideal reference and gold standard text for graduate students, post-doctoral fellows, basic and clinical immunologists, microbiologists and infectious disease physicians, and any physician treating diseases in which immunologic mechanisms play a role.

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Basic Immunology

Meticulously reviewed and updated for today's medical students, Basic Immunology, 7th Edition, is a concise text expertly written by the same distinguished author team as the best-selling, comprehensive text, Cellular and Molecular Immunology. This focused, easy-to-understand volume has been fully revised to include recent important advances in our understanding and knowledge of the immune system. A student favorite through six outstanding editions, this new edition uses full-color illustrations and clinical images, useful tables, and practical features such as Summary Point boxes, end-of-chapter review questions, glossary terms, and clinical cases-all designed to help you master this complex topic in the most efficient, effective manner possible. Emphasizes clinical aspects of immunology, including disease pathogenesis, the development of novel therapies based on basic science, and an appendix of clinical cases for real-world application. Contains new and expanded content on pandemics, COVID-19, and herd immunity; resistance and susceptibility to COVID-19; RNA vaccines and hybrid viral vaccines; tumor immunotherapy; innate immune responses to viruses; mechanisms of immunologic tolerance; and immunotherapy for autoimmune, allergic, and other inflammatory diseases, and cancer. Provides unrivalled instruction from an expert author team, all of whom are experienced teachers, course directors, and lecturers. Features a highly readable writing style and

practical organization, now with fully revised content and updated images to cover new information and improve reader understanding of complex concepts. Provides additional online features such as answers to in-book chapter review questions and self-assessment questions. Presents information in a format and style that maximizes usefulness to students and teachers of medicine, allied health fields, and biology. Contains numerous features designed to help students understand key immunologic concepts: high-quality illustrations, practical tables, chapter outlines, bolded key points, and focus questions in every chapter for self-assessment and review. An eBook version is included with purchase. The eBook allows you to access all the text and figures, with the ability to search, customize your content, make notes and highlights, and have content read aloud.

Lecture Notes: Immunology

Highly Commended at the British Medical Association Book Awards 2016 Immunology Lecture Notes provides a thorough grounding in basic concepts of immunity. Covering the core components of the immunology curriculum at medical school, it presents a concise overview of the immune system, its interactions with pathogens, the major areas of immunopathology, including immunodeficiency, allergy, autoimmunity, lymphoptopliferative diseases and transplantation, and their therapy. Immunology Lecture Notes includes: Full-colour descriptive illustrations and diagrams throughout, supplemented by new molecular graphics and anatomical scans New clinical cases developed as themes throughout the book to illustrate the practical application of immunological principles Fully updated self-assessment questions with expanded explanation of answers With learning objectives and key points guiding you through the vital concepts, Immunology Lecture Notes will help you to address the key disorders of the immune system, and use immunological developments in clinical practice.

Medical Immunology, 7th Edition

This seventh edition of Medical Immunology, now in a full-color presentation, continues to provide a succinct clinical review of the human response to infection while being firmly grounded in science. The authors, distinguished and experienced educators, have been able to anticipate readers' conceptual challenges and use illustrations, diagrams, and algorithms throughout to simplify complex concepts. With an emphasis on clinical applications, methodological advances, immunological diseases, and innovative interventions, this tried and true guide navigates readers through state-of-the-sciences technologies and demonstrates their implementation in the day-to-day clinical practice of immunology. Key Features 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, pathogenesis, and management of autoimmune diseases in a concise, manageable and visual manner Continues to be the only current medically-focused immunology text available Provides a succinct review of human response to infection with a focus on diagnostic and clinical immunology

Fundamental Immunology

This textbook of basic and clinical immunology has been written primarily for medical and biology students who are receiving their first introduction to this fascinating field. Although we have presumed some knowledge of basic biology (particularly physiology and biochemistry), our primary intent has not been to cover in depth the latest research findings. Rather, we have sought to lay a firm foundation for subsequent reading in the laboratory and clinical sciences: internal medicine, pediatrics, microbiology, serology, physiology, cell biology, and genetics. Hence the first part of the text presents the various components of basic immunology, while the second shows how these elements interact under both normal physiologic and pathologic condi tions. To facilitate comprehension of the relationship between basic and clinical immunology, we have introduced cross-references throughout the book. A glossary of important terms has also been included. Selected references are provided with each chapter to guide the student to additional information on topics of special interest. Throughout the book we have attempted to convey to new students

of immunology some of the excitement which the subject has long held for us. If we have succeeded, the task of writing will have been worthwhile.

Fundamentals of Immunology

Immunology: A Short Course, 7th Edition introduces all the critical topics of modern immunology in a clear and succinct yet comprehensive fashion. The authors offer uniquely-balanced coverage of classical and contemporary approaches and basic and clinical aspects. The strength of Immunology: A Short Course is in providing a complete review of modern immunology without the burden of excessive data or theoretical discussions. Each chapter is divided into short, self-contained units that address key topics, illustrated by uniformly drawn, full-color illustrations and photographs. This new edition of Immunology: A Short Course: • Has been fully revised and updated, with a brand new art program to help reinforce learning • Includes a new chapter on Innate Immunity to reflect the growth in knowledge in this area • Highlights important therapeutic successes resulting from targeted antibody therapies • Includes end of chapter summaries and review questions, a companion website at www.wileyimmunology.com/coico featuring interactive flashcards, USMLE-style interactive MCQs, figures as PowerPoint slides, and case-based material to help understand clinical applications

Immunology

Dr. William E. Paul (1936–2015) was the leader of the National Institutes of Health (NIH) immunology community and his career is without parallel in the field of immunology. He was the Chief of the Laboratory of Immunology, National Institute of Allergy and Infectious Diseases (NIAID), from 1970 at the age of 34 until his death. His groundbreaking contributions to the field of immunology, including the discovery of interleukin (IL)-4, led to more than 600 publications over half a century. He also played an important role in the establishment of the NIH Vaccine Research Center while he was the Director of the NIH Office of AIDS Research. Furthermore, Dr. Paul was a shining icon and an international giant of contemporary immunology. He was a genius and a living encyclopedia of immunology: the author of the textbook \"Fundamental Immunology\" since its inception to the 7th edition in 2013; and the editor of the “Annual Review of Immunology” from its inaugural issue in 1983 until 2011. In his last book \"Immunity\

Basic Immunology

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Fundamental Immunology

Basic & Clinical Immunology has been totally reorganized and updated to continue its reputation as the superior textbook and review for both students and practitioners. The eighth edition presents an extensively reorganized and updated section on basic immunology in the clear, uncomplicated style that makes LANGE the ideal choice for contemporary, comprehensive medical information. Organized into four sections, Basic, Laboratory, Clinical Immunology, and Immunotherapy, this text enables readers to easily comprehend this

difficult subject. Features totally reorganized and up-to-date section on basic immunology, normal immunologic function and disease processes emphasized, expanded Immunotherapy section, thoroughly updated and expanded coverage of immunodeficiency diseases, Immunologic Laboratory Tests section extensively updated with new methods and techniques, new chapter \"Molecular Genetic Techniques for Clinical Analysis of the Immune System\

Continued Fascination – A Tribute to a Giant in Immunology, Dr. William E. Paul

Immunology is a distinctive subject that rose in the mid-20th century. The subject developed as scientists started to unravel the mysteries about the defense system against pathogens. Researchers started to understand the mechanisms employed by the innate and the adaptive immune system in defense against pathogens. During the last decade, the subject of immunology has been in sharp focus as the immunotherapies against diseases like cancer and AIDS seems last hope. Employing the body's own defense system against diseases like cancer and AIDS by activating specific cells of the immune system looks promising, and therapies like CAR-T cell therapy have been approved. In the first edition of the book \"The Fundamentals of Immunology\" we have explained the basics of the defense system of our body. The book is organised into four volumes. The first volume comprises of ten chapters and it describes the rise, history and scope of immunology and the building blocks of the immune system viz., cells, molecules and organs of the immune system. The second chapter describes the cells of the innate and the adaptive immune system and how the granulocytes and macrophages employ defense mechanisms to protect the body against pathogenic invasions. In the third chapter of this book, we have described the organs of the immune systems and how different organs are involved in the differentiation and maturation of immune cells. The chapter also focused on the structure of lymph nodes and their function in concentrating the antigens. In chapter four of this book, we have described the terms like antigens, immunogens, antigenicity, immunogenicity and how immunogenicity of an antigen is affected and how antigenicity of an immunogens is related to the immune response. The innate and adaptive immune systems and the different types of cells and molecules employed by the two branches of immunity have been described in a separate chapter. The structure and biology of immunoglobulins, their types and function in antigen binding and antibody dependent cellular cytotoxicity (ADCC) have been described well in chapter six. Focus has been laid on the distinction between an antibody and an immunoglobulin. The structure and function and major histocompatibility complex (MHC) has been described. The education of cells about self and non-self during their maturation and the processing and presentation of antigens by MHC bearing cells and how MHC coordinates both humoral and cell-mediated immune responses has been explained well throughout the book. The book has explained the complement system and its components, mechanisms and functions in a separate chapter. At the end of the book, we have given an insight about the vaccines, their history, development and how they are useful and helpful in the defense against diseases. The book also discusses the immune disfunction and diseases associated with the dysregulation of immune responses.

Immunology

Practical Immunology is a basic text aimed at immunology students and researchers at all levels who need a comprehensive overview of the methodology of immunology. The rapid and startling innovations in immunology over the past two decades have their root in sound experimental practice and it has always been the aim of this book to educate researchers in the design and performance of complex techniques. It will appeal to students of immunlogy, graduate students embarking on bench science, or specialised immunologists who need to use an immunological technique outside their sphere of expertise. The definitive lab \"bench book\". A one stop resource. Techniques explained from first principles. Basic forms of apparatus described in detail. Totally revised with new user friendly layout to aid use in the lab. Includes useful hints and tips.

Basic & Clinical Immunology

Janis Kuby’s groundbreaking introduction to immunology was the first textbook for the course actually written to be a textbook. Like no other text, it combined an experimental emphasis with extensive pedagogical features to help students grasp basic concepts. Now in a thoroughly updated new edition, Kuby Immunology remains the only undergraduate introduction to immunology written by teachers of the course. In the Kuby tradition, authors Jenni Punt, Sharon Stranford, Patricia Jones, and Judy Owen present the most current topics in an experimental context, conveying the excitement of scientific discovery, and highlight important advances, but do so with the focus on the big picture of the study of immune response, enhanced by unsurpassed pedagogical support for the first-time learner. Punt, Stranford, Jones, and Owen bring an enormous range of teaching and research experiences to the text, as well as a dedication to continue the experiment-based, pedagogical-driven approach of Janis Kuby. For this edition, they have worked chapter by chapter to streamline the coverage, to address topics that students have the most trouble grasping, and to continually remind students where the topic at hand fits in the study of immunology as a whole.

Basics and Fundamentals of Immunology

This book fills a gap at the interface of fundamental and clinical immunology, and allergy. For many years, experts in fundamental immunology and physicians involved in clinical immunology and allergy worked separately – but the fundamental immunologists did not have medical qualifications and the physicians were not involved in the field of fundamental research. Written by a teacher and an expert in both fields, this book combines current knowledge on basic immunology and immunopathology with clinical comments that complete the whole picture. Immunology is a complex science, which requires a simplified approach in order to be taught and understood effectively. This book is based on the authors’ long experience in teaching undergraduate, postgraduate students and interns both basic and clinical immunology. Reviewing a variety of important components related to the immune system, it is clearly and logically structured, and enriched by figures, tables and boxes with important immunology definitions. Each chapter has its own bibliography, and most units include links to electronic quizzes and audio files to accompany readers step by step. This easy-to-follow volume concludes with suggestions for future study. It is a valuable resource for undergraduate and postgraduate students, as well as medical practitioners.

Practical Immunology

This book portrays substances of the versatile insusceptible reaction, particles of versatile safe acknowledgment, the lymphocytes, humoral resistance, the genetics components of invulnerable assorted variety, safe resilience, and disappointments of the safeguard capacities. Essentials of Immunology, presenting the microbial world and the techniques the body utilizes to guard itself. Each chapter then guides the reader through a different part of the immune system, and explains the role of each cell or molecule individually, and then as a whole. Applied Immunology, talks about what happens when things turn out badly, and the part the invulnerable framework plays close by the harming impacts of a sickness, including disease, immunodeficiency, hypersensitivities and transplantation and the valuable impacts of immunizations. Immunology gives the new biomedical researcher a knowledge into the capacity of the invulnerable framework, the bleeding edge of safeguard against neurotic malady, and the demonstrative strategies used to distinguish related breakdowns and scatters. By inspecting the key immunological standards and logical premise of research facility procedures with an attention on the biomedical researcher's part in the indicative lab, the reader is furnished with everything expected to get ready for a master capability in immunology.

Kuby Immunology

The 2nd edition of this popular text emphasizes the fundamental concepts and principles of human immunology that students need to know, without overwhelming them with extraneous material. It leads the reader to a firm understanding of basic principles, using full-color illustrations; short, easy-to-read chapters; color tables that summarize key information clinical cases; and much more-all in a conveniently sized

volume that's easy to carry. The New Edition has been thoroughly updated to reflect the many advances that are expanding our understanding of the field. The smart way to study! Elsevier titles with STUDENT CONSULT will help you master difficult concepts and study more efficiently in print and online! Perform rapid searches. Integrate bonus content from other disciplines. Download text to your handheld device. And a lot more. Each STUDENT CONSULT title comes with full text online, a unique image library, case studies, USMLE style questions, and online note-taking to enhance your learning experience. Your purchase of this book entitles you to access www.studentconsult.com at no extra charge. This innovative web site offers you... Access to the complete text and illustrations of this book. Integration links to bonus content in other STUDENT CONSULT titles. Content clipping for your handheld. An interactive community center with a wealth of additional resources. The more STUDENT CONSULT titles you buy, the more resources you can access online! Look for the STUDENT CONSULT logo on your favorite Elsevier textbooks! All of the scientific advances that are expanding the knowledge base in this rapidly evolving field.

From Basic to Clinical Immunology

In this updated edition of Basic Immunology, the authors continue to deliver a clear, modern introduction to immunology, making this the obvious choice for today's busy students. Their experience as teachers, course directors, and lecturers helps them to distill the core information required to understand this complex field. Through the use of high-quality illustrations, relevant clinical cases, and concise, focused text, it's a perfectly accessible introduction to the workings of the human immune system, with an emphasis on clinical relevance. Concise, clinically focused content is logically organized by mechanism for efficient mastery of the material. Features an appendix of clinical cases and CD molecules. Includes numerous full-color illustrations, useful tables, and chapter outlines. Focus questions within each chapter are ideal for self-assessment and review. Key points bolded throughout the text make it easy to locate important information. Presents information in a format and style that maximizes usefulness to students and teachers studying medicine, allied health fields, and biology. Fully updated content equips you with the latest relevant advances in immunology. Revised and updated artwork enhances your visual learning of important principles and reduces the excessive factual details found in larger textbooks. Twelve brand-new animations available on Student Consult help further explain complex concepts. Student Consult eBook version included with purchase. This enhanced eBook experience gives you access to the text, figures, images, glossary of immunology terms, self-assessment questions, and references on a variety of devices.

Immunology

Popular for its highly visual, straightforward approach, Cellular and Molecular Immunology delivers an accessible yet thorough understanding of this active and fast-changing field. Drs. Abul K. Abbas, Andrew H. Lichtman, and Shiv Pillai present key updates in this new edition to cover the latest developments in antigen receptors and signal transduction in immune cells, mucosal and skin immunity, cytokines, leukocyte-endothelial interaction, and more. With additional online features, this is an ideal resource for medical, graduate and undergraduate students of immunology who need a clear, introductory text for immunology courses. Consult this title on your favorite e-reader, conduct rapid searches, and adjust font sizes for optimal readability. Develop a thorough, clinically relevant understanding of immunology through a clear overview of immunology with a distinct focus on the management of human disease. Visualize immunologic processes more effectively. Meticulously developed and updated illustrations, 3-dimensional art, and all-new animations provide a detailed, visual description of the key immunologic and molecular processes. Grasp the details of experimental observations that form the basis for the science of immunology at the molecular, cellular, and whole-organism levels and draw the appropriate conclusions. Find information more quickly and easily through an organized chapter structure and a more logical flow of material. Glean all essential, up-to-date, need-to-know information about immunology and molecular biology through extensive updates that cover cytokines, innate immunity, leukocyte-endothelial interactions, signaling, costimulation, and more. Benefit from numerous new figures and tables that facilitate easier retention of the material; quick summaries of each chapter; and nearly 400 illustrations that clarify key concepts.

Basic Immunology

Cellular and Molecular Immunology takes a comprehensive yet straightforward approach to the latest developments in this active and fast-changing field. Drs. Abul K. Abbas, Andrew H. Lichtman, and Shiv Pillai present sweeping updates in this new edition to cover antigen receptors and signal transduction in immune cells, mucosal and skin immunity, cytokines, leukocyte-endothelial interaction, and more. This reference is the up-to-date and readable textbook you need to master the complex subject of immunology. Recognize the clinical relevance of the immunology through discussions of the implications of immunologic science for the management of human disease. Grasp the details of experimental observations that form the basis for the science of immunology at the molecular, cellular, and whole-organism levels and draw the appropriate conclusions. Stay abreast of the latest advances in immunology and molecular biology through extensive updates that cover cytokines, innate immunity, leukocyte-endothelial interactions, signaling, costimulation, and more. Visualize immunologic processes more effectively through a completely revised art program with redrawn figures, a brighter color palette, and more 3-dimensional art. Find information more quickly and easily through a reorganized chapter structure and a more logical flow of material.

Basic Immunology

Introductory Immunology: Basic Concepts for Interdisciplinary Applications, Second Edition is a completely updated, revised and expanded resource on the immune system as a primary defense for the maintenance of health and homeostasis. The book highlights the components of the human immune system and how they work together to confer protection against pathogenic invaders. It also creates an understanding of the basis for clinical tests and immune therapeutics and their importance in identifying and treating disease states. This updated edition will strengthen the foundation required to understand the placement of immune function within clinical practice, thus allowing a basic platform to define therapeutic treatments. Creates appreciation for the components of the human immune system that work together to confer lifelong protection Provides core knowledge in immunology to build a foundation to explore mechanisms involved in clinical disease Breaks down all immunology concepts into manageable, logically digestible building blocks Geared toward readers without medical, biochemical or cellular expertise Includes a glossary that provides functional definitions of complex terms

Basic Immunology

The perfect balance of theory and practice! Here’s the practical introduction you need to understand the essential theoretical principles of clinical immunology and the serological and molecular techniques commonly used in the laboratory. You’ll begin with an introduction to the immune system; then explore basic immunologic procedures; examine immune disorders; and study the serological and molecular diagnosis of infectious disease. An easy-to-read, student-friendly approach emphasizes the direct application of theory to clinical laboratory practice. Each chapter is a complete learning module with learning outcomes, chapter outlines, theoretical principles, illustrations, and definitions of relevant terminology. Review questions and case studies help you assess your mastery of the material. A glossary at the end of the book puts must-know information at your fingertips. An access code inside new printed texts unlocks Lab Exercises and Branching Case Studies online at FADavis.com that offer more opportunities to apply theory to clinical laboratory practice.

Cellular and Molecular Immunology E-Book

26 real-life cases illustrate the applications of basic immunology in clinical settings May be utilized alone or as a companion to Immunology: A Short Course, 7th Edition by Richard Coico and Geofftry Sunshine (ISBN 9781118396919) Each case study is introduced by clearly written descriptions of the major immunological disorders Full colour photographs and illustrations complement complete presentation of real data Includes

complete set of problems and discussion questions for each chapter

Cellular and Molecular Immunology E-Book

This book presents case histories to illustrate in a clinical context essential points about the mechanisms of immunity. It includes cases that illustrate both recently discovered genetic immunodeficiencies and some more familiar and common diseases with interesting immunology.

Fundamentals of Immunology

This electronic slide set offers all the new, full-color art from the Abbas: Cellular and Molecular Immunology, 4th Edition textbook in an easy-to-access Powerpoint(R) presentation. Slide images may be re-ordered into customized slide presentations or printed out for reference. A complete list of figure legends is included as a Word document.

Introductory Immunology, 2nd

Learn all the microbiology and basic immunology concepts you need to know for your courses and exams. Now fully revised and updated, Mims' clinically relevant, systems-based approach and abundant colour illustrations make this complex subject easy to understand and remember. Learn about infections in the context of major body systems and understand why these are environments in which microbes can establish themselves, flourish, and give rise to pathologic changes. This systems-based approach to microbiology employs integrated and case-based teaching that places the 'bug parade' into a clinical context. Effectively review for problem-based courses with the help of chapter introductions and 'Lessons in Microbiology' text boxes that highlight the clinical relevance of the material, offer easy access to key concepts, and provide valuable review tools. Approach microbiology by body system or by pathogen through the accompanying electronic 'Pathogen Parade' – a quickly searchable, cross-referenced glossary of viruses, bacteria and fungi A new electronic 'Vaccine Parade' offers quick-reference coverage of the most commonly used vaccines in current clinical practice Deepen your understanding of epidemiology and the important role it plays in providing evidence-based identification of key risk factors for disease and targets for preventative medicine. Grasp and retain vital concepts easily, with a user-friendly colour coded format, succinct text, key concept boxes, and dynamic illustrations. New and enhanced information reflects the growing importance of the human microbiota and latest molecular approaches Access the complete contents on the go via the accompanying interactive eBook, with a range of bonus materials to enhance learning and retention – includes self-assessment materials and clinical cases to check your understanding and aid exam preparation.

Clinical Immunology and Serology

Maintaining the high standard of quality that made previous editions so successful, this totally revised and updated text incorporates the most recent advances in basic and clinical immunology-emphasizing diagnostic and clinical applications as well as state-of-the-art discussions of the principles and strategies for modulation of the immune response and treatment of hypersensitivity, autoimmune, and immune deficiency diseases. Includes clinical case studies as well as end-of-chapter questions-in the USML multiple choice format-for self-evaluation and preparation for licensure and specialty boards! Continuing as the only textbook providing a balanced discussion of basic and clinical immunology, the Fifth Edition of Medical Immunology offers a current review of the basic principles that govern the immune response an updated review of phagocytic cell physiology and functional deficiencies a new comprehensive section on diagnostic immunology extensively revised and updated discussions on tolerance, autoimmunity, and hypersensitivity diseases state-of-the-art discussion of immunosuppression and immunomodulation a modern overview of cancer immunology current discussions on the diagnosis, pathogenesis, and management of primary and secondary immune deficiency diseases and more! Written by seasoned experts in the field, the Fifth Edition of Medical Immunology is an exceptional text for advanced undergraduate and graduate students taking courses in immunology in

departments of medicine, dentistry, and veterinary science; medical fellows, residents, and interns; and practicing physicians taking seminars in clinical immunology.

Essential Immunology

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. Pfaller. Newly reorganized to correspond with integrated curricula and changing study habits, this practical and manageable text is clearly written and easy to use, presenting clinically relevant information about microbes and their diseases in a succinct and engaging manner. Consult this title on your favorite e-reader with intuitive search tools and adjustable font sizes. Elsevier eBooks provide instant portable access to your entire library, no matter what device you're using or where you're located. Master the essentials of medical microbiology, including basic principles, immunology, laboratory diagnosis, bacteriology, virology, mycology, and parasitology. Progress logically through consistently formatted chapters that examine etiology, epidemiology, disease presentation, host defenses, identification, diagnosis, prevention, and control for each microbe. Grasp complex material quickly with summary tables and text boxes that emphasize essential concepts and issues. Learn the most up-to-date and relevant information in medical microbiology. Study efficiently thanks to a reorganized format that places review chapters at the beginning of each section and review questions at the end of 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. Visualize the clinical presentations of infections with new and updated clinical photographs, images, and illustrations.

Immunology

How the Immune System Works has helped thousands of students understand what’s in their big, thick, immunology textbooks. In his book, Dr. Sompayrac cuts through the jargon and details to reveal, in simple language, the essence of this complex subject. In fifteen easy-to-read chapters, featuring the humorous style and engaging analogies developed by Dr. Sompayrac, How the Immune System Works explains how the immune system players work together to protect us from disease – and, most importantly, why they do it this way. Rigorously updated for this fifth edition, How the Immune System Works includes the latest information on subjects such as vaccines, the immunology of AIDS, and cancer. A highlight of this edition is a new chapter on the intestinal immune system – currently one of the hottest topics in immunology. Whether you are completely new to immunology, or require a refresher, How the Immune System Works will provide you with a clear and engaging overview of this fascinating subject. But don’t take our word for it! Read what students have been saying about this classic book: \"What an exceptional book! It's clear you are in the hands of an expert.\" \"Possibly the Best Small Text of All Time!\" \"This is a FUN book, and Lauren Sompayrac does a fantastic job of explaining the immune system using words that normal people can understand.\" \"Hands down the best immunology book I have read... a very enjoyable read.\" \"This is simply one of the best medical textbooks that I have ever read. Clear diagrams coupled with highly readable text make this whole subject easily understandable and engaging.\" Now with a brand new website at www.wiley.com/go/sompayrac featuring Powerpoint files of the images from the book

Fundamentals of Immunology for Students of Medicine and Related Sciences

Building on the strengths of the first edition, the newly titled and expanded second edition remains a concise introduction to the fundamentals of immunology, with an expert synthesis of basic and clinical information. Augmented by colour illustrations, and with increased emphasis on the molecular and genetic underoinnings of cellular phenomena, Textbook of Immunology covers the physiology of the immune system, disease entities related to immune system dysfunction, and the underlying pathophysiologic mechanisms of dysfunction. In response to advancing knowledge that influences the approach to presenting basic immunology, new chapters have been added on cytokines; host defense (non-specific immunity and specific immune responses); the aging immune system; and the pathophysiology, diagnosis, prevention, and therapy

of AIDS. This book keeps pace with the explosion of information and data in immunology, and adeptly refines, organizes, and presents this body of knowledge to serve as a succinct introduction to modern immunologic concepts for medical students, and as an update and refresher in the basics for researchers and clinicians.

Case Studies in Immunology

Previously published as: The Immunological basis of surgical science and practice, 1992.

Cellular and Molecular Immunology

Mims' Medical Microbiology E-Book