

Essential Immunology Delves

Transplant Immunology
 Really Essential Medical Immunology
 Enviromedics
 Basic Immunology
 Roitt's Essential Immunology
 Molecular and Cellular Biology of Viruses
 Transplantation at a Glance
 Paul Ehrlich's Receptor Immunology
 Therapeutic Immunology
 Janeway's Immunobiology
 Immune
 Primer to the Immune Response
 Clinical Immunology
 The Immune System
 Gene Vaccines
 Essentials of Clinical Immunology
 Roitt's Essential Immunology, Includes Desktop Edition
 Immunology
 Immunology for Surgeons
 Practical Immunology
 Roitt's Essential Immunology
 IgE Antibodies: Generation and Function
 Roitt's Essential Immunology, Tenth Edition
 Exploring Immunology
 Roitt's Essential Immunology
 Roitt's Essential Immunology
 Lippincott Illustrated Reviews: Immunology
 Lecture Notes: Immunology
 Roitt's Essential Immunology
 Roitt's Essential Immunology
 Essential Immunology
 Vaccine Adjuvants
 Essentials of Glycobiology
 Oral Microbiology and Immunology
 Fundamentals of Anatomy and Physiology for Student Nurses
 How the Immune System Works
 Principles of Cancer Genetics
 Pharmaceutical Biotechnology
 Applied Genomics and Public Health

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Transplant Immunology Mosby Incorporated

This is the second edition of a widely used textbook that consolidates the basic concepts of the cancer gene theory and provides a framework for understanding the genetic basis of cancer. Particular attention is devoted to the origins of the mutations that cause cancer, and the application of evolutionary theory to explain how the cell clones that harbor cancer genes tend to expand. Focused on the altered genes and pathways that cause the growth of the most common tumors, Principles of Cancer Genetics is aimed at advanced undergraduates who have completed introductory coursework in genetics, biology and biochemistry, medical students and medical house staff. For students with a general interest in cancer, this book provides a highly accessible and readable overview. For more advanced students contemplating future study in the field of oncology and cancer research, this concise book will be useful as a primer.

Really Essential Medical Immunology John Wiley & Sons

Essentials of Clinical Immunology provides the most up-to-date, core information required to understand diseases with an immunological basis. Clinically focussed, the sixth edition of this classic text presents theoretical and practical information in a simple yet thorough way. Essentials of Clinical Immunology covers the underlying pathophysiology, the signs and symptoms of disease, the investigations required and guidance on the management of patients. Perfect for clinical medical students, junior doctors and medical professionals seeking a refresher in the role of immunology in clinical medicine, this comprehensive text features fully updated clinical information, boxes with key points, real-life case histories to illustrate key concepts and an index of contents at the start of each chapter. A companion website at www.immunologyclinic.com provides additional learning tools, including more case studies, interactive multiple-choice questions and answers, all of the photographs and illustrations from the book, links to useful websites, and a selection of review articles from the journal Clinical and Experimental Immunology. This title is also available as a mobile App from MedHand Mobile Libraries. Buy it now from iTunes, Google Play or the MedHand Store.

Enviromedics John Wiley & Sons

Roitt's Essential Immunology has established itself as the book of choice for students of immunology worldwide. This excellent textbook is commonly regarded as 'the best of the immunology primers' and the eleventh edition remains at the cutting edge of this fascinating area of science. The trademark of this book is its highly readable introduction to the subject, its emphasis on core knowledge and its excellent four-color artwork. The internationally renowned authors have extensively updated all aspects of the book to produce a new edition, which will be an invaluable resource to students of immunology and medicine. Roitt's Essential Immunology is supported by a website at www.roitt.com This useful on-line resource includes interactive multiple-choice questions with feedback, key concepts explained with animations, further reading lists with PubMed links, and an archive of images from the book.

Basic Immunology John Wiley & Sons

The first basic overview of all aspects of transplantation with a clarity not to be found in more inaccessible textbooks. This brand new title provides a succinct overview of both the scientific and clinical principles of organ transplantation and the types of organ transplant, featuring highly-illustrated information covering core topics in transplantation including: Organ donors Organ preservation Assessment of transplant recipients Indications for transplantation Immunology of transplantation Immunosuppression and its complications Overviews of thoracic and abdominal organ transplantation, including the kidneys, liver, heart and lungs Transplantation at a Glance is the ideal introduction for medical students, junior doctors, surgical trainees, immunology students,

pharmacists, and nurses on transplant wards.

Roitt's Essential Immunology John Wiley & Sons

BMA Book of the Year 2012 First prize in Basic and Clinical Sciences, BMA Book Awards 2012 Roitt's Essential Immunology - the textbook of choice for students and instructors of immunology worldwide Bringing you fully up-to-date with the latest knowledge and concepts about the workings of the immune system, the hallmark easy-reading style of Roitt's Essential Immunology clearly explains the key principles needed by medical and health sciences students, from the basis of immunity to clinical applications. Beautifully presented, with brand new illustrations, the pedagogy has been strengthened throughout, and includes "just to recap..." sections at the beginning of each chapter, reminding the reader of key findings and principles, and summary sections at the end of each chapter that are ideal for quick study and revision. Also available as a FREE enhanced Wiley Desktop Edition (upon purchase of the book), Roitt's Essential Immunology is supported by a suite of online resources at www.roitt.com including: Interactive MCQs and SBA questions for each chapter, with feedback on all answers selected Animations and videos showing key concepts Fully downloadable figures and illustrations, further reading and useful links Extracts from the Encyclopaedia of Life Science Podcasts to reinforce the key principles explained in the text: ideal for revision 'on the go' This title is also available as a mobile App from MedHand Mobile Libraries. Buy it now from iTunes, Google Play or the MedHand Store.

Molecular and Cellular Biology of Viruses Wiley-Blackwell

The field of pharmaceutical biotechnology is evolving rapidly. A whole new arsenal of protein pharmaceuticals is being produced by recombinant techniques for cancer, viral infections, cardiovascular and hereditary disorders, and other diseases. In addition, scientists are confronted with new technologies such as polymerase chain reactions, combinatorial chemistry and gene therapy. This introductory textbook provides extensive coverage of both the basic science and the applications of biotechnology-produced pharmaceuticals, with special emphasis on their clinical use. Pharmaceutical Biotechnology serves as a complete one-stop source for undergraduate pharmacists, and it is valuable for researchers and professionals in the pharmaceutical industry as well.

Transplantation at a Glance W.W. Norton & Company

The induction of antigen-specific immune responses after in vivo transfection with expression plasmids has triggered a revolution of vaccine research. After a first hype, evoked by the fascinating options of this method, clinical studies did not reach the ambitious aims and a phase of disillusion ensued. It became obvious that Gene vaccines displayed a weaker immunogenicity in humans than had been observed in the mouse models. Meanwhile these hurdles have been overcome and gene vaccines undergo a renaissance. The present book gives an update of the "world of naked gene vaccines", namely DNA and RNA vaccines. Its content ranges from general mechanisms, inherent immunostimulatory properties and the vast potential to modulate immune responses, to recent successful clinical studies and approved veterinary gene vaccines. Beyond the state-of-the-art of genetic immunization, the reader will be stimulated with a chapter addressing "burning questions".

Paul Ehrlich's Receptor Immunology John Wiley & Sons

This volume examines all facets of the complex biology of Immunoglobulin E (IgE) antibodies, which play an essential role in the pathophysiology of allergic diseases and immunity to parasites. It highlights the unique mechanisms involved in the regulation of IgE production at both the molecular and cellular level. Furthermore, it discusses in detail novel findings on how the affinity, specificity and cross-reactivity of IgE can fine-tune mast cell responses to allergens. The book also explores the beneficial roles of IgE antibodies in immunity to helminthes and protection against tumors, and how the properties of IgE-mediated immunity are employed in the development of IgE therapeutic antibodies. All chapters were written by respected experts in their fields and will appeal to scientists and clinicians alike.

Therapeutic Immunology Roitt's Essential Immunology

BMA Book of the Year 2012 First prize in Basic and Clinical Sciences, BMA Book Awards 2012 Roitt's Essential Immunology - the textbook of choice for students and instructors of immunology worldwide Bringing you fully up-to-date with the latest knowledge and concepts about the workings of the immune system, the hallmark easy-reading style of Roitt's Essential Immunology clearly explains the key principles needed by medical and health sciences students, from the basis of immunity to clinical applications. Beautifully presented, with brand new illustrations, the pedagogy has been strengthened throughout, and includes "just to recap..." sections at the beginning of each chapter, reminding the reader of key findings and principles, and summary sections at the end of each chapter that are ideal for quick study and revision. Also available as a FREE enhanced Wiley Desktop Edition (upon purchase of the book), Roitt's Essential Immunology is supported by a suite of online resources at www.roitt.com including: Interactive MCQs and SBA questions for each chapter, with feedback on all answers selected Animations and videos showing key concepts Fully downloadable figures and illustrations, further reading and useful links Extracts from the Encyclopaedia of Life Science Podcasts to reinforce the key principles explained in the text: ideal for revision 'on the go' This title is also available as a mobile App from MedHand Mobile Libraries. Buy it now from iTunes, Google Play or the MedHand Store.

Janeway's Immunobiology Lippincott Williams & Wilkins

Paul Ehrlich's Receptor Immunology: The Magnificent Obsession describes the background to Paul Ehrlich's immunological works and theories and delves into the substance of his experiments in great detail. By exploring these early developments in immunology, the book lays the foundation for modern concepts, providing immunologists, biomedical researchers, and students the context for the discoveries in their field. - The selectionist theory of antibody formation - Kinetics of primary and secondary antibody response - Quantitative methods of measurement of antigens and antibody - Demonstration of passive transfer of immunity from mother to foetus

Immune Random House

Lippincott® Illustrated Reviews: Immunology, 3rd Edition, offers an engaging, vividly illustrated presentation and all of the popular learning features of the Lippincott® Illustrated Review series to reinforce essential immunology concepts and connect basic science to real-life clinical situations. Like other titles in this series, this dynamic resource follows an intuitive outline organization and boasts a wealth of vibrant illustrations and study aids that clarify complex information and ensure retention. Whether used as a review text for a short immunology course or paired with Lippincott® Illustrated Reviews: Microbiology for a combined microbiology/immunology course, this revised and updated edition familiarizes readers with the latest practices in immunology and emphasizes clinical application to deliver unparalleled preparation for exams and clinical practice.

Primer to the Immune Response Garland Science

NEW YORK TIMES BESTSELLER • A gorgeously illustrated deep dive into the immune system that will forever change how you think about your body, from the creator of the popular science YouTube channel Kurzgesagt—In a Nutshell “Through wonderful analogies and a genius for clarifying complex ideas, Immune is a truly brilliant introduction to the human body’s vast system for fighting infections and other threats.”—John Green, #1 New York Times bestselling author of *The Fault in Our Stars* You wake up and feel a tickle in your throat. Your head hurts. You’re mildly annoyed as you get the kids ready for school and dress for work yourself. Meanwhile, an epic war is being fought, just below your skin. Millions are fighting and dying for you to be able to complain as you head out the door. But most of us never really stop to ask: What even is our immune system? Second only to the human brain in its complexity, it is one of the oldest and most critical facets of life on Earth. Without it, you would die within days. In *Immune*, Philipp Dettmer, the brains behind the most popular science channel on YouTube, takes readers on a journey through the fortress of the human body and its defenses. There is a constant battle of staggering scale raging within us, full of stories of invasion, strategy, defeat, and noble self-sacrifice. In fact, in the time you’ve been reading this, your immune system has probably identified and eradicated a cancer cell that started to grow in your body. Each chapter delves into an element of the immune system, including defenses like antibodies and inflammation as well as threats like bacteria, allergies, and cancer, as Dettmer reveals why boosting your immune system is actually nonsense, how parasites sneak their way past your body’s defenses, how viruses work, and what goes on in your wounds when you cut yourself. Enlivened by engaging full-color graphics and immersive descriptions, *Immune* turns one of the most intricate, interconnected, and confusing subjects—immunology—into a gripping adventure through an astonishing alien landscape. *Immune* is a vital and remarkably fun crash course in what is arguably, and increasingly, the most important system in the body.

Clinical Immunology Wiley-Blackwell

Viruses interact with host cells in ways that uniquely reveal a great deal about general aspects of molecular and cellular structure and function. *Molecular and Cellular Biology of Viruses* leads students on an exploration of viruses by supporting engaging and interactive learning. All the major classes of viruses are covered, with separate chapters for their replication and expression strategies, and chapters for mechanisms such as attachment that are independent of the virus genome type. Specific cases drawn from primary literature foster student engagement. End-of-chapter questions focus on analysis and interpretation with answers being given at the back of the book. Examples come from the most-studied and medically important viruses such as HIV, influenza, and poliovirus.

Best Sellers - Books :

- [It Starts With Us: A Novel \(2\) \(it Ends With Us\) By Colleen Hoover](#)
- [A Court Of Thorns And Roses \(a Court Of Thorns And Roses, 1\)](#)
- [Little Blue Truck's Valentine By Alice Schertle](#)
- [The Very Hungry Caterpillar By Eric Carle](#)
- [Blowback: A Warning To Save Democracy From The Next Trump By Miles Taylor](#)
- [Guess How Much I Love You](#)
- [Verity](#)
- [Twisted Games \(twisted, 2\)](#)
- [A Court Of Wings And Ruin \(a Court Of Thorns And Roses, 3\)](#)
- [Twisted Love \(twisted, 1\)](#)

Plant viruses and bacteriophages are also included. There are chapters on the overall effect of viral infection on the host cell. Coverage of the immune system is focused on the interplay between host defenses and viruses, with a separate chapter on medical applications such as anti-viral drugs and vaccine development. The final chapter is on virus diversity and evolution, incorporating contemporary insights from metagenomic research. Key selling feature: Readable but rigorous coverage of the molecular and cellular biology of viruses Molecular mechanisms of all major groups, including plant viruses and bacteriophages, illustrated by example Host-pathogen interactions at the cellular and molecular level emphasized throughout Medical implications and consequences included Quality illustrations available to instructors Extensive questions and answers for each chapter

The Immune System John Wiley & Sons

Knapp und präzise erklärt dieses einführende Lehrbuch der Immunologie die Funktion des Immunsystems anhand sorgfältig ausgewählter Beispiele aus der klinischen Praxis und dem Experiment. Von Büchern mit ähnlichem Themenspektrum unterscheidet es sich durch den klar evidenzbasierten Ansatz. Die Autoren -- ein erfahrener Dozent und ein angesehener Forscher -- regen dabei stets zur kritischen Reflexion des gelernten Stoffs an. Based on examples using clinical and experimental data, this concise introductory textbook provides an insight into the immune system, prompting readers to ask critical questions in order to further advance our understanding. Website: www.wiley-vch.de/home/immunology

Gene Vaccines Elsevier

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

Essentials of Clinical Immunology Springer

Offers answers to challenges in clinical immunology. This book contains immunology knowledge and includes a companion web site to give you two ways to find the answers you need.

Roitt's Essential Immunology, Includes Desktop Edition Wiley-Blackwell

A brief overview of the basic science and clinical aspects of immunology. The basic science section is a clear presentation of innate and adaptive immunity, immune cells, antibodies and antigens, and other components of the immune system and their interactions. The clinical section clarifies hypersensitivity, autoimmunity, immunodeficiency, common diagnostic tests, vaccination, transplantation, and tumor immunology.

Immunology Humana

This collection seeks to elucidate the practical methods necessary for successful adjuvant development, with a particular focus on the synthesis, formulation, manufacturing, and characterization aspects involved. Beginning with an overview and a case study, the book then delves into in silico design, chemical synthesis, biosynthesis, and/or purification from natural raw materials of specific adjuvant molecules, adjuvant formulation approaches, the analytical characterization of adjuvant formulations and adjuvant-containing vaccines, as well as the biological characterization of vaccine adjuvant activity, including in vitro and in vivo approaches, to measure innate and adaptive immune responses. Written in the highly successful *Methods in Molecular Biology* format, chapters include introductions to their respective topics, lists of the necessary materials and reagents, step-by-step, readily reproducible laboratory protocols, and tips on troubleshooting and avoiding known pitfalls. Practical and authoritative, *Vaccine Adjuvants: Methods and Protocols* aims to facilitate vaccine adjuvant product development efforts, making them more accessible, manufacturable, and better characterized.

Immunology for Surgeons John Wiley & Sons

Roitt's Essential Immunology John Wiley & Sons

Practical Immunology John Wiley & Sons

An understanding of the complex workings of the immune system is essential for all surgeons. Immune responses play a crucial part in the way human body reacts to infection and trauma. *Immunology for Surgeons* contains a high-level discussion of this difficult clinical area. The text looks at tumor immunobiology and immunotherapy as well as the worldwide results of various clinical trials. The topics discussed focus on relevant immunological and molecular biological trends for future treatment of complex surgical disease. The main objective of the text is to render a difficult area accessible for the postgraduate surgical trainee and established surgeon who is interested in immunology.