

Immunobiology 9th Edition

The 5th Edition of this comprehensive title continues the tradition of delivering an accessible, engaging, and current introduction to this essential subject. The authors describe the principles of basic and applied immunology in a concise, straightforward manner, while incorporating the most up-to-date information. Over 400 illustrations help readers quickly and easily grasp key concepts. The entire text has been revised and includes new information about the organization of lymphoid organs and the mechanisms of innate immunity. (Midwest).

The field of immuno-oncology

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continues to rapidly evolve as new insights to fight and treat cancer emerge. The fourth edition of Immunotherapy provides the most current overview of immuno-oncology in different cancer types and toxicities associated with immunotherapy. While immunotherapy has revolutionized the treatment landscape of several solid malignancies, several challenges still exist. Only a subset of patients derive clinical benefits; some do not respond at all, and others respond initially, only for their disease to progress later. Because these drugs can activate a broad range of immune cells, patients suffer from a unique set of side effects known as immune-related adverse events. As more immunotherapeutic agents are used in the clinic, it is

important to provide updates about current and ongoing developments in the field to further research efforts and inform treatment decisions. The fourth edition will have a new focus on strategies to overcome the challenges associated with immunotherapy. Chapters will discuss topics such as biomarkers of response, resistance mechanisms, role of imaging in predicting immune-related adverse events, and management of immune-related adverse events. Written by leading experts conducting cutting-edge research, readers will gain up-to-date knowledge on the current state and future of immunotherapy. 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.

Immunobiology of Human Milk provides a thorough understanding of the wondrous biology of the immune components in human milk and how they protect the breastfed infant. In this book, Dr. Hanson describes the elaborate systems that have developed to protect the infant against infections and to promote the infant's growth and neurodevelopment. Dr. Hanson has been studying the immunobiology of breastmilk since 1955, publishing 650 scientific papers and editing/contributing to 19 books. He is one of the most highly respected

immunobiologists/pediatricians in the world. Features included in this book include the bacterial colonization of the newborn, components of host defense, host defense of the growing baby, the pregnant mother's support of host defense in the fetus, the breastfeeding mother's support of host defense, protection against disease provided by breastfeeding, and infectious agents in breastmilk and their impact on breastfeeding.

Immune Biology of Allogeneic
Hematopoietic Stem Cell
Transplantation

Case Studies in Immunology

The Immune System

Transplant Immunology

Fourth International Student Edition

How Breastfeeding Protects Babies

This case study is about a 29-year-old professional oboe player who was first diagnosed for optic neuritis and then for multiple sclerosis (MS). MS is an example of a T-cell mediated autoimmune disease, wherein there is an autoimmune attack on the integrity of the central nervous system. This text emphasizes the human immune system and presents concepts with a balanced level of detail to describe how the immune system works. Written for undergraduate, medical, veterinary, dental, and pharmacy students, it makes generous use of medical examples to illustrate points. This classroom-proven textbook offers clear writing, full-color illustrations, and section and chapter summaries that make the content accessible and easily understandable to students.

Introductory Immunology quickly acquaints readers with natural immune responses manifesting in diseases and

disorders. The book presents a complete picture of natural defenses to infectious agents, as well as the mechanisms that lead to autoimmune dysfunction. In addition, it examines immunologically based diseases, giving the reader sufficient knowledge to make sound clinical decisions leading to better treatment outcomes. Introductory Immunology is aimed at researchers, postgraduates, or any scientifically inclined reader interested in immunology. No prior expertise in medical, biochemical, or cellular science is needed to benefit from the clear presentation of immunology concepts in this book. Quick, concise introduction to immunological concepts Breaks down all of immunology into manageable, logically digestible building blocks Geared toward readers without medical, biochemical, or cellular expertise

Immunobiology of the Macrophage presents an account of the state of

knowledge of the immunobiology of the macrophage. The book's contributors-immunologists of diverse scientific and geographic backgrounds-have been encouraged to give personal accounts of developments in their special fields of interest as well as critical surveys of the backgrounds leading to these developments. The book begins with a study on the functions of macrophages in the initiation and regulation of antibody responses in vitro. This is followed by separate chapters on topics such as the role of macrophages in making an ...

Functions and Disorders of the Immune System

Ninth International Student Edition

Immunology E-Book

The Role of Cytokines in Disease Related to Immune Response

Janeway's Immunobiology

Tumor Immunology and Immunotherapy

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Immune Biology of Allogeneic Hematopoietic Stem Cell Transplantation: Models in Discovery and Translation, Second Edition once again provides clinical and scientific researchers with a deep understanding of the current research in this field and the implications for translational practice. By providing an overview of the immune biology of HSCT, an explanation of immune rejection, and detail on antigens and their role in HSCT success, this book embraces biologists and clinicians who need a broad view of the deeply complex processes involved. It then moves on to discuss the immunobiology mechanisms that influence graft-versus-host disease (GVHD), graft-versus-leukemia effect, and transplantation success. Using illustrative figures, highlighting key issues, describing recent successes, and discussing unanswered questions, this book sums up the current

state of HSCT to enhance the prospects for the future. The second edition is fully revised and includes new chapters on microbiome, metabolism, kinase targets, micro-RNA and mRNA regulatory mechanisms, signaling pathways in GVHD, innate lymphoid system development, recovery and function in GVHD, genetically engineered T-cell therapies, immune system engagers for GVHD and graft-versus-tumor, and hematopoietic cell transplant for tolerance induction in solid organ grafts. Brings together perspectives from leading laboratories and clinical research groups to highlight advances from bench to the bedside Guides readers through the caveats that must be considered when drawing conclusions from studies with animal models before correlating to clinical allogeneic hematopoietic stem cell transplantation (HSCT) scenarios

Categorizes the published advances in various aspects of immune biology of allogeneic HSCT to illustrate opportunities for clinical applications

Immunobiology of Dendritic Cells Part A, Volume 348 in the International Review of Cell and Molecular Biology series highlights new advances in the field, with this new volume presenting interesting chapters on the Origin and Development of Dendritic Cells, Dendritic Cell Subsets and Locations, Antigen Processing and Presentation, The Interaction of Dendritic Cells With Cancer Cells, The Role of Dendritic Cells in Human Diseases, and Dendritic Cells-based Vaccines for Cancer Therapy. Provides the authority and expertise of leading contributors from an international board of authors Presents the latest release in the International Review of Cell and Molecular Biology series Includes the latest information on the

Immunobiology of Dendritic Cells, Part A
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

Incorporating the most important advances in the fast-growing field of cancer biology, the text maintains all of its hallmark features. It is admired by students, instructors, researchers, and clinicians around the world for its clear writing, extensive full-color art program, and numerous pedagogical features.

Immunobiology of Human Milk

Basic Immunology

Exploring Immunology

Medical Immunology

Concepts and Evidence

Immunology

This best-selling resource has a worldwide reputation as the leader in its field. Focusing on human immunology and biology, while also reporting on scientific

experimentation and advancement, it provides comprehensive coverage of state-of-the-art basic science as well as authoritative guidance on the practical aspects of day-to-day diagnosis and management. This new edition includes 700 full-color illustrations and a new, more accessible format to make finding information a snap for the busy practitioner. And this Expert Consult Edition offers online access to the complete contents of the 2-volume set, fully searchable, and much more. Includes a glossary of allergy and immunology for

quick and easy reference. Contains keypoints and clinical pearls highlighted to find important information quickly. links to useful online resources both for you and for your patients. Offers contributions from hundreds of international authorities for world-class expertise in overcoming any clinical challenge.

A research-based aural skills curriculum that reflects the way students learn.

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. With all the complex issues of acceptance or rejection of a transplanted organ, immunology is a key subject for all transplantation clinicians. During recent years, there has been an explosion of research and knowledge in this area. Produced in association with the American Society of Transplantation, and written by experts within the field, Transplant Immunology provides a comprehensive overview of the topic in relation to clinical transplantation. Starting

with the basic functionality of the immune system, it then moves on to cover the very latest developments in immunosuppressive drugs and protocols, as well as a look at all emerging technologies in the field. Key chapters include: Transplant-related complications Immune responses to transplants Emerging issues in transplantation Biomarkers of Allograft rejection and tolerance T cells and the principles of immune responses In full colour throughout, over 100 outstanding diagrams support the text, all figures being fully downloadable via the book's companion website.

The result is an essential tool for all those responsible for managing patients awaiting and undergoing organ transplantation, including transplant surgeons and clinicians, immunologists and researchers.

Lecture Notes: Immunology
A Clinical Companion
Essential Cell Biology
Introductory Immunology
How the Immune System Works
Clinical and Basic
Immunodermatology

Patients are beginning to benefit from antibody based, cellular and vaccine approaches that are effective against genetically diverse and therapy-resistance cancers.

BCG immunotherapy is now being used as a first line treatment for human bladder cancer and the introduction of prophylactic vaccination against Hepatitis B and HPV cancers is starting to show positive results. Following recent FDA approval for a vaccination against prostate cancer, and optimistic results in clinical trials for a vaccine targeting cancer antigens in lung cancer, cancer immunotherapy is now significantly impacting patient clinical management. Tumor Immunology and Immunotherapy provides an up-to-date and comprehensive account of cancer immunity and immunotherapy. It discusses our adaptive and innate immunity to

cancer, the mechanisms underpinning our immune response, current approaches to cancer immunotherapy, and how tumour and host responses can circumvent effective anti-cancer immunity. The book examines recent results, publications and current areas of interest including 'immune editing' and the specific issues that are affecting the research and development of vaccines, providing insight into how these problems may be overcome, as viewed by world leaders in the field. Tumor Immunology and Immunotherapy will appeal to clinicians working in oncology and cancer immunotherapy, and research scientists including PhD

and masters students, post-doctoral researchers and senior investigators.

The Cytokines of the Immune System catalogs cytokines and links them to physiology and pathology, providing a welcome and hugely timely tool for scientists in all related fields. In cataloguing cytokines, it lists their potential for therapeutic use, links them to disease treatments needing further research and development, and shows their utility for learning about the immune system. This book offers a new approach in the study of cytokines by combining detailed guidebook-style cytokine description, disease linking, and presentation of immunologic roles.

Supplies new ideas for basic and clinical research Provides cytokine descriptions in a guidebook-style, cataloging the origins, structures, functions, receptors, disease-linkage, and therapeutic potentials Offers a textbook-style view on the immune system with the immunologic role of each cytokine

Fundamental Immunology Seventh Edition 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 with all references linked to PubMed. Look inside and discover... * Fully revised and updated content reflects the latest advances in the field. * Current insights enhance readers' understanding of immune system function * 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 with all

references linked to PubMed. Pick up your copy today!

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

The Cytokines of the Immune

System
A Short Course
The Norton Introduction to
Philosophy
Cellular and Molecular Immunology
Essential Immunology
Immunobiology of Dendritic Cells
Part A
Lessons in Immunity: From Single-cell
Organisms to Mammals stems from
the activity of the Italian Association of
Developmental and Comparative
Immunobiology (IADCI), represented
by the editors. This book is presented
as a series of short overviews that
report on the current state of various
relevant fields of immunobiology from
an evolutionary perspective. The
overviews are written by authors
directly involved in the research, and
most are members of the IADCI or

have otherwise been involved in the related research for their respective overview. This publication offers scientists and teachers an easy and updated reference tool. Provides simple and updated reviews on the immunobiology of a wide spectrum of organisms, considered in an evolutionary context Focuses on both cells and humoral components of a variety of non-classical model organisms Offers in a single volume many contributions which can help with understanding the evolution of immune responses and the main adaptations in animal phyla Presents a valuable holistic cross-sectional approach for teaching immunology and its applications

Essential Cell Biology provides a readily accessible introduction to the central concepts of cell biology, and its

lively, clear writing and exceptional illustrations make it the ideal textbook for a first course in both cell and molecular biology. The text and figures are easy-to-follow, accurate, clear, and engaging for the introductory student. Molecular detail has been kept to a minimum in order to provide the reader with a cohesive conceptual framework for the basic science that underlies our current understanding of all of biology, including the biomedical sciences. The Fourth Edition has been thoroughly revised, and covers the latest developments in this fast-moving field, yet retains the academic level and length of the previous edition. The book is accompanied by a rich package of online student and instructor resources, including over 130 narrated movies, an expanded and updated Question Bank. Essential

Cell Biology, Fourth Edition is additionally supported by the Garland Science Learning System. This homework platform is designed to evaluate and improve student performance and allows instructors to select assignments on specific topics and review the performance of the entire class, as well as individual students, via the instructor dashboard. Students receive immediate feedback on their mastery of the topics, and will be better prepared for lectures and classroom discussions. The user-friendly system provides a convenient way to engage students while assessing progress. Performance data can be used to tailor classroom discussion, activities, and lectures to address students' needs precisely and efficiently. For more information and sample material, visit

<http://garlandscience.rocketmix.com/>. Explore the premier text for immunology at the advanced undergraduate, graduate, and medical school levels. Beginning students appreciate the book's clear writing and informative illustrations, while advanced students and working immunologists value its comprehensive scope and depth. This edition is thoroughly revised and up to date with significant developments in the field, especially on the topic of innate immunity.

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.

Immunobiology of the Complement
System
Advances in Comparative Immunology
An Introduction for Research and
Clinical Medicine
Second International Student Edition
From Single-cell Organisms to
Mammals

Immunology at a Glance

This concise introductory textbook uses carefully chosen examples from clinical and experimental observations to provide an insight into the principles underlying the immune system. As a result, it encourages readers to ask critical questions in order to further advance our understanding of this unique organ. Both authors are experienced lecturers and highly regarded researchers. The book is

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professionally illustrated in four color throughout with beautiful artwork which by itself distinguish the title from any comparable title. Website: www.wiley-vch.de/home/immunology

Immunobiology of the Complement System: An Introduction for Research and Clinical Medicine provides an introduction to the complement system. The intention was to create a primer that would provide the basic knowledge of complement required for either research or clinical medicine in diseases involving the complement system. The book begins with a historical background of complement research; it introduces certain key investigators from the

past who have made important contributions. Separate chapters on the basic aspects of complement function are followed by chapters on the molecular genetics of complement and the role of complement in different diseases. Key topics discussed include the activation of complement via the classical pathway and the alternative pathway; complement mediators of inflammation; opsonization and membrane complement receptors; assembly and functions of the terminal components; and complement-dependent mechanisms of virus neutralization. This book has been written primarily for students and scientists who have not been

specifically trained in complement research.

Why immunobiology? Immunology is the study of the immune system - the internal defence reactions that protect the body from invading microorganisms and the diseases they cause. Spectacular advances have been made over the last few decades in understanding how the immune system works. There is no doubt that these advances have been made possible by concentrating research on a few species of animals, most notably mouse and man. The main motivation for studying the human system, for example, has been to further the cause of medicine. Indeed, the roots of modern immunology can

be traced back to pioneering studies of vaccines against viruses and bacteria. The mouse has become the favoured non-human animal in which to study preparation, usually derived from an immunity, both in relation to protection from microorganisms, but also at infectious pathogen, a more fundamental level. The term 'immunology' has become virtually synonymous with the study of the immune systems of humans and mice. 'Immunobiology' in contrast is a broader field, encompassing the immune systems of all animals. It is the study of the origins and evolution of immune

systems in general, and the underlying role that microorganisms play in the microorganism n. an process. organism too small to be seen clearly with the The penalty for this focussed effort has been a disproportionately naked eye; often used mammalocentric database. Molecular Biology of B Cells is a comprehensive reference to how B cells are generated, selected, activated and engaged in antibody production. All these developmental and stimulatory processes are described in molecular and genetic terms to give a clear understanding of complex phenotypes. The molecular basis of many diseases due to B cell abnormality is also discussed. This definitive reference

is directed at research level immunologists, molecular biologists and geneticists.

Immunotherapy

Immunobiology of the Macrophage

Case Studies in Immunology:

Multiple Sclerosis

Manual for Ear Training and Sight

Singing

Basic Concepts for Interdisciplinary

Applications

Middleton's Allergy

The Janeway's Immunobiology CD-

ROM, Immunobiology Interactive, is

included with each book, and can be

purchased separately. It contains

animations and videos with voiceover

narration, as well as the figures from

the text for presentation purposes.

Immunology, 8th Edition makes it easy

for you to learn all the basic and

clinical concepts you need to know for your courses and USMLEs. This medical textbook's highly visual, carefully structured approach makes immunology simple to understand and remember. Understand the building blocks of the immune system - cells, organs and major receptor molecules - as well as initiation and actions of the immune response, especially in a clinical context. Visually grasp and retain difficult concepts easily thanks to a user-friendly color-coded format, key concept boxes, explanatory diagrams, and over 190 photos to help you visualize tissues and diseases. Put concepts into practice. "Critical Thinking Boxes" and 25 online cases encourage you to "think immunologically" while anchoring your understanding of immunology through clinical application. Gauge your

mastery of the material and build confidence with high-yield style chapter-opening summaries and case-based and USMLE-style questions that provide effective chapter review and quick practice for your exams. Access the full contents online at www.studentconsult.com where you'll find the complete text and illustrations, USMLE-style questions, clinical cases, and much more! Get the depth of coverage you need in a smaller, more manageably sized book. Through meticulous editing and reorganization, primary material remains in the book while more specialized and clinical material has been moved online. Master the most cutting-edge concepts in immunology. Thorough updates throughout provide the timely knowledge you need ace your exams. Immunologists, perhaps

understandably, most often concentrate on the human immune system, an anthropocentric focus that has resulted in a dearth of information about the immune function of all other species within the animal kingdom. However, knowledge of animal immune function could help not only to better understand human immunology, but perhaps more importantly, it could help to treat and avoid the blights that affect animals, which consequently affect humans. Take for example the mass death of honeybees in recent years – their demise, resulting in much less pollination, poses a serious threat to numerous crops, and thus the food supply. There is a similar disappearance of frogs internationally, signaling ecological problems, among them fungal infections. This book aims to fill this void by describing and

discussing what is known about non-human immunology. It covers various major animal phyla, its chapters organized in a progression from the simplest unicellular organisms to the most complex vertebrates, mammals. Chapters are written by experts, covering the latest findings and new research being conducted about each phylum. Edwin L. Cooper is a Distinguished Professor in the Laboratory of Comparative Immunology, Department of Neurobiology at UCLA's David Geffen School of Medicine. 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, lymphoproliferative 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.

Loose-leaf Version for Kuby

Immunology

Cellular and Molecular Immunology E-Book

Models in Discovery and Translation

With STUDENT CONSULT Online

Access

Lessons in Immunity

Principles of Mucosal Immunology

Emphasizes both the basic and clinical aspects of immunology that promotes understanding of core concepts and provides clinical correlations to medical practice. Logical progression from normal immune function to laboratory abnormalities and clinical diseases. Problem-oriented approach to clinical disorders caused by immunologic disruptions

Edited by a team of four leading philosophers, *The Norton Introduction to Philosophy* introduces students to contemporary perspectives on major philosophical issues and questions. This text features an impressive array of readings, including 25 specially-commissioned essays by prominent philosophers. A student-friendly presentation, a handy format, and a low price make *The Norton Introduction to Philosophy* as accessible and affordable as it is up-to-date.

Janeway's Immunobiology is a textbook for students studying immunology at the undergraduate, graduate, and medical school levels. As an introductory text, all students will appreciate the book's clear writing and informative illustrations, and advanced students and working immunologists

will appreciate its comprehensive scope and depth. Janeway's Immunobiology presents immunology from a consistent point of view throughout--that of the host's interaction with an environment full of microbes and pathogens. The Ninth Edition has been thoroughly revised bringing the content up-to-date with important developments in the field, especially in the topic of innate immunity, and improving the presentation of topics across chapters for better continuity.

Immunology at a Glance provides a user-friendly overview of the body's defence mechanisms. Ideal from day one of a medical, biomedical or life science course, the text begins with a basic overview of both adaptive and innate immunity, before progressing to applied immunological concepts,

which look at what happens when things go wrong, and how, in clinical medicine, each body system can be affected by immunity. Each double-page spread corresponds to a typical lecture and diagrammatically summarises core concepts in immunology, through accessible schematic diagrams on left-hand pages, with key points concisely summarised on the right-hand page. There are also self-assessment essay questions so you can test your knowledge. New for this 10th edition: Thoroughly updated and reorganised chapters offer greater clarity and easier understanding for those new to the subject. New chapters on cytokine receptors and 'Immunology in the Laboratory'. A completely re-written section on autoimmunity. A brand new companion website featuring self-

assessment questions and PowerPoint slides of images from the book, ideal for teaching and revision at <http://www.ataglanceseries.com/immunology> www.ataglanceseries.com/immunology/a Immunology at a Glance is the ideal companion for anyone about to start a new course in immunology and will appeal to medical and biomedical science students. Perfect for exam preparation, it provides the concepts and frameworks you need to succeed in your exam.

The Biology of Cancer

Fundamental Immunology

Molecular Biology of B Cells

Principles & Practice

Introductory Immunobiology

This respected graduate-level

textbook provides

comprehensive and accessible

coverage of the basic and clinical aspects of the mucosal immune system, addressing the major components of the mucosal barrier ? gastrointestinal, upper and lower respiratory, ocular, and genitourinary mucosal immune systems ? in a highly user-friendly style. The editors of and contributors to the book, all internationally-recognized leaders, present the current principles, concepts, and basic processes involved in mucosal immunology, mucosal diseases, and host defense at mucosal surfaces. Topics discussed include the development and structure of the mucosal immune

system and its cellular constituents, host-microbe relationships, infection, mucosal diseases, and vaccines. The second edition has been carefully updated throughout to reflect the latest developments from clinical research and key literature has been fully updated. Dermatologists are being asked to understand the pathophysiology of a number of immune-mediated skin diseases. In addition, a number of new products have appeared on the market during the past decade which requires an understanding of the mechanisms of action of these drugs. Dermatologists,

however, have no easily understood book to which they can refer to regarding the disease or the drug.

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.

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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.