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## KEY=PDF - BAILEE PETERSEN

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### CELLULAR AND MOLECULAR IMMUNOLOGY E-BOOK

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Elsevier Health Sciences 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.

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### BASIC IMMUNOLOGY

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### FUNCTIONS AND DISORDERS OF THE IMMUNE SYSTEM

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W B Saunders Company 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](http://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!

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### CELLULAR AND MOLECULAR IMMUNOLOGY E-BOOK

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Elsevier Health Sciences 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.

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## **CELLULAR AND MOLECULAR IMMUNOLOGY**

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W B Saunders Company 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).

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## **BASIC IMMUNOLOGY**

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### **FUNCTIONS AND DISORDERS OF THE IMMUNE SYSTEM**

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Elsevier Health Sciences Understand all the essential concepts in immunology with this book that provides you with an up-to-date, accessible introduction to the workings of the human immune system. This book enables you to efficiently master the immunology information you need through clinically focused content, logically organized by mechanism. You can apply what you have learned to real-world situations by referencing the appendix of clinical cases. It can enhance your learning with the help of numerous full-color illustrations and useful tables, as well as summary boxes, review questions, and a glossary of immunology terms. -- Publisher description.

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## **CELLULAR AND MOLECULAR IMMUNOLOGY E-BOOK**

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Elsevier Health Sciences The top required and recommended immunology text worldwide, Cellular and Molecular Immunology by Drs. Abul K. Abbas, Andrew H. H. Lichtman, and Shiv Pillai, is a clear, well-written, and superbly illustrated introduction to the field. The 9th Edition retains a practical, clinical focus while updating and revising all content to ensure clarity and comprehension, bringing readers fully up to date with new and emerging information in this challenging area. Highlights the implications of immunologic science for the management of human disease, emphasizing clinical relevance throughout. Provides a highly visual, full-color description of the key immunologic and molecular processes with a fully updated, comprehensive, and consistent art program. Helps readers 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. Includes summary boxes that assist with rapid review and mastery of key material. Features updates from cover to cover, including tumor immunity (tumor antigens, cancer immunotherapy), immune checkpoints, cytosolic sensors for DNA, non-canonical inflammasomes, prionization as a signaling mechanism, monogenic defects in immunity, and more.

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## **BASIC IMMUNOLOGY E-BOOK**

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### **FUNCTIONS AND DISORDERS OF THE IMMUNE SYSTEM**

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Elsevier Health Sciences Meticulously reviewed and updated for today's medical students, Basic Immunology, 6th 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 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. Provides top-notch instruction from experienced teachers, course directors, and lecturers led by well-known editor and author Dr. Abul Abbas. Features a highly readable writing style and practical organization, now with fully revised content and updated images to reflect recent important advances in today's understanding of the immune system. Presents information in a format and style that maximizes usefulness to students and teachers studying 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. Evolve Instructor site with a downloadable image bank is available to instructors through their Elsevier sales rep or via request at: <https://evolve.elsevier.com>

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## **CLINICAL IMMUNOLOGY**

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### **PRINCIPLES AND PRACTICE**

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Mosby Incorporated 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.

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## **LYMPHOCYTE DEVELOPMENT**

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### **CELL SELECTION EVENTS AND SIGNALS DURING IMMUNE ONTOGENY**

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Springer Science & Business Media "Lymphocyte Development" presents an extremely up-to-date account of molecular processes involved in the development of lymphocytes. This well written book is based on a graduate course taught by the author. Topics include the selection processes involved in lymphocyte maturation, immune receptor gene rearrangement, signaling pathways involved in cell cycle progression and apoptosis, and the transcriptional regulation of lymphoid ontogeny. The book also covers T cell development and differentiation of helper and cytotoxic T cells as

well as the development of Natural Killer lymphocytes. The book finishes with an account of the molecular basis of immunodeficiency syndromes. It will interest researchers in immunology and it will be useful as a supplementary text for a graduate level immunology course.

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### **CELLULAR AND MOLECULAR NEUROPHYSIOLOGY**

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Academic Press Cellular and Molecular Neurophysiology, Fourth Edition, is the only up-to-date textbook on the market that focuses on the molecular and cellular physiology of neurons and synapses. Hypothesis-driven rather than a dry presentation of the facts, the book promotes a real understanding of the function of nerve cells that is useful for practicing neurophysiologists and students in a graduate-level course on the topic alike. This new edition explains the molecular properties and functions of excitable cells in detail and teaches students how to construct and conduct intelligent research experiments. The content is firmly based on numerous experiments performed by top experts in the field. This book will be a useful resource for neurophysiologists, neurobiologists, neurologists, and students taking graduate-level courses on neurophysiology. 70% new or updated material in full color throughout, with more than 350 carefully selected and constructed illustrations. Fifteen appendices describing neurobiological techniques are interspersed in the text.

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### **JANEWAY'S IMMUNOBIOLOGY**

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Garland Science 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.

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### **KUBY IMMUNOLOGY**

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WH Freeman 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 Judy Owen, Jenni Punt, and Sharon Stranford present the most current concepts 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.

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### **ESSENTIAL IMMUNOLOGY**

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Wiley-Blackwell

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### **HOW THE IMMUNE SYSTEM WORKS**

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John Wiley & Sons 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](http://www.wiley.com/go/sompayrac) featuring Powerpoint files of the images from the book.

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### **CELLULAR AND MOLECULAR IMMUNOLOGY**

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### **ELECTRONIC SLIDE**

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W B Saunders Company 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.

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### **IMMUNOLOGY**

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### **A SHORT COURSE**

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John Wiley & Sons 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](http://www.wileyimmunology.com/coico) featuring interactive flashcards, USMLE-style interactive MCQs, figures as PowerPoint slides, and case-based material to help understand clinical applications

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### **ESSENTIAL CLINICAL IMMUNOLOGY**

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Cambridge University Press This book begins with basic concepts of immunology and then details the immunological aspects of various disease states involving major organs of the body. Designed as an introduction for practitioners and residents, this book explores how we can better understand disease and its treatment through clinical immunology.

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### **LIPPINCOTT ILLUSTRATED REVIEWS: IMMUNOLOGY**

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Lippincott Williams & Wilkins 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.

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### **IMMUNOLOGY AT A GLANCE**

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Wiley-Blackwell The At a Glance series sets out to summarise the essential information about a particular subject for the student requiring a quick introduction or a guide to revision. This is achieved by taking each part of the subject in turn and condensing it into a two-page spread with a schematic diagram on the left and a concise explanation on the right. This book presents a broad look at immunology with the aid of a series of thoughtfully constructed sketches to show the mechanisms involved in immunological processes. It covers: the scope of immunology cellular and hormonal factors immunology of infectious disease antibody formation, structure and function immunology of cancer hypersensitivity autoimmunity and immunodeficiency. The sixth edition features two new spreads on antigen recognition and processing, and cell interactions which together comprise the antibody response which is now divided into two sections. Throughout this new edition, the major emphasis has been the advances of our knowledge of the genetic basis of immunology. The appendix of CD classification has also been updated.

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### **INSTANT NOTES IN IMMUNOLOGY**

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Bios Scientific Pub Limited "Instant Notes in Immunology provides a concise yet comprehensive introduction to immunology, providing easy access to the core information in the field. The book covers all important areas in immunology in a format which is ideal for learning and rapid revision. It also features MCQs and answers to test understanding." "If you are studying immunology and need an easy to understand text, Instant Notes in Immunology is the lifeline you need to help you understand the subject and pass the course."--BOOK JACKET.Title Summary field provided by Blackwell North America, Inc. All Rights Reserved

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### **PRINCIPLES OF CELLULAR AND MOLECULAR IMMUNOLOGY**

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Oxford University Press, USA A comprehensive basis for a complete course in modern cellular and molecular immunology, this is the ideal textbook for undergraduate science students and clinicians. Arranged around a 'map' of the immune system, each chapter focuses on a different topic. The information is presented in a logical order and diverse threads are drawn together to illustrate the emerging principles of the subject. Starting from the basic principles, the book builds up a sophisticated and fascinating picture of this complex but exciting subject, explaining the latest thinking and indicating areas of hot debate. Illustrated with more than 300 two-colour drawings and halftones, the lively design incorporates a summary diagram for each chapter highlighting the key points of discussion. An invaluable overview of the subject that will also allow researchers to place their experimental results in a wider context.

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### **GENETIC MODELS OF IMMUNE AND INFLAMMATORY DISEASES**

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Springer Science & Business Media This book contains the proceedings of the Sero Symposium USA international symposium on Genetic Models of Immune and Inflammatory Diseases held on October 20 to 23, 1994, in Savannah, Georgia. The advent of methods for introducing genes into the germlines of mice, and for targeted disruption of particular genes by homologous recombination, has provided scientists in many disciplines with an extraordinarily powerful set of analytical tools. Some of the most informative applications of transgenic and gene knockout technology have been in studies of lymphocyte development and activation. The goal of this symposium was to bring together investigators using these genetic approaches for analyzing the immune system, with a view to defining

common themes and novel directions. Transgenic mice have a wide variety of important applications in immunology. Defined proteins can be expressed in selected tissues throughout development, thus acquiring the essential characteristic of "self" antigens. Such models have been used to study how immune responses to these artificially created "self" antigens are controlled. Antigen receptors of lymphocytes have been expressed as transgenes, and because lymphocytes are endowed with the unique property of allelic exclusion, such transgenic mice become essentially monospecific. Immunomodulatory agents have been expressed in defined tissues or throughout the body, providing tools for studying the functional consequences of dysregulated expression of biological response modifiers.

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### **MIMS' MEDICAL MICROBIOLOGY E-BOOK**

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Elsevier Health Sciences 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.

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### **INTRODUCTORY IMMUNOLOGY**

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#### **BASIC CONCEPTS FOR INTERDISCIPLINARY APPLICATIONS**

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Academic Press 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

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### **THERAPEUTIC IMMUNOLOGY**

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Wiley-Blackwell Therapeutic Immunology is a comprehensive review of the clinical application of the drugs, biologic agents, and procedures used to treat immunologic diseases. It is the only reference that provides current information on antibodies, cytokines, gene and cell therapies, vaccines, and other therapeutic approaches in the management of immune system disorders. This book will show how immunology has come of age as a clinical discipline and is now able to provide treatment strategies for many previously incurable diseases.

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### **CASE STUDIES IN IMMUNOLOGY: MULTIPLE SCLEROSIS**

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#### **A CLINICAL COMPANION**

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Garland Science 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.

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### **INTENSIVE CARE MEDICINE MCQS**

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#### **MULTIPLE CHOICE QUESTIONS WITH EXPLANATORY ANSWERS**

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tfm Publishing Limited Intensive care medicine is a dynamic and evolving specialty, requiring its practitioners to be part physician, physiologist and anaesthetist. This requires a firm foundation of knowledge and an ability to apply this to the clinical situation. This book contains 270 multiple-choice questions allowing self-assessment of the breadth of knowledge required of the modern intensivist. The book is divided into three papers each consisting of 60 multiple true false (MTF) and 30 single best answer (SBA) questions covering areas including resuscitation, diagnosis, disease management, organ support, and ethical and legal aspects of practice. The MTF questions test factual knowledge and understanding of the evidence base underpinning intensive care medicine, while the SBA questions test the ability of the candidate to prioritise, compete options and make the best decision for the patient. Each question is peer reviewed

and accompanied by concise and detailed explanatory notes with references to guide further reading. All the authors are practising intensive care physicians with firsthand experience of professional examinations in the specialty. This book will appeal to intensive care physicians approaching professional examinations worldwide, including the European Diploma, American Board and Faculty of Intensive Care Medicine examinations. In addition, it will appeal to intensive care nurses and allied healthcare professionals wishing to update their knowledge as part of continuing professional development, and to physicians sitting professional examinations in related specialties requiring knowledge of intensive care medicine such as general medicine, general surgery and anaesthesia. This new book will complement the existing international best-selling title 'Multiple Choice Questions in Intensive Care Medicine' (ISBN 978 1 903378 64 9), also written by Dr Steve Benington.

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## **OXFORD HANDBOOK OF CLINICAL IMMUNOLOGY AND ALLERGY**

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Oxford University Press, USA This new edition of Clinical Immunology and Allergy is a practical and clinically based guide for clinicians and laboratory staff to aid diagnosis and management of immunological and allergic disease, and provides examples of the correct selection and interpretation of immunological tests for a wide range of conditions. Fully updated from the previous edition, with the addition of new diseases recently identified from the use of genetic testing, and novel biological therapies and autoantibody tests, this title covers the entire breadth of the field, with the information at your fingertips. Split into two sections, the first covering individual diseases and allergies, with diagnosis and management strategies, and the second describing appropriate laboratory tests and their interpretation, the Oxford Handbook of Clinical Immunology and Allergy is an invaluable reference text, and works as a succinct revision guide for the FRCPATH in Immunology. Filled with cross-references to create a cohesive overview of a complex subject, and presented in concise bullet-points for detailed direction to the key facts, this handbook provides everything you need to help you in clinical practice.

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## **FUNDAMENTAL IMMUNOLOGY**

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Lippincott Williams & Wilkins 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!

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## **IMMUNOLOGY**

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### **AN INTRODUCTORY TEXTBOOK**

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Jenny Stanford Publishing Immunology has emerged as a key component of the curricula of graduate and postgraduate courses in biotechnology, microbiology, biochemistry, bioinformatics, and other interdisciplinary fields of biology, including zoology, veterinary science, and medicine. As a basic introductory textbook on one of the fastest-moving and most challenging areas of immunological science, this book contains the most recent information about immunologic mechanisms and their importance, along with various molecular techniques employed in immunology. The short and concise text helps make the structures, processes, and interactions of the immune system easily comprehensible. The book includes chapters on immunoinformatics as well as the immune system of the brain, rarely found in any of the immunology books published so far. Many diverse and interesting aspects of the advances in immunology have also been covered, including tumor immunology and immunodeficiency disorders. The easy-to-understand concepts presented in the textbook make it an ideal companion for learners preparing for competitive and other examinations. Undergraduate, postgraduate, and PhD students, people from the industry and academia, and research scholars will immensely benefit from it.

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## **IMMUNOPHENOTYPING**

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### **METHODS AND PROTOCOLS**

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Humana This volume presents the latest collection of immunophenotypic techniques and applications used in research and clinical settings. Chapters in this book cover topics such as constructions of high dimensions fluorescence and mass cytometry panels; fluorescence barcoding; using dried or lyophilized reagents; and immunophenotypic examples of specific cell types. The book concludes with a discussion on the critical roles of quality control and immunophenotyping in the clinical environment. Written in the highly successful Methods in Molecular Biology series

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. Cutting-edge and comprehensive, *Immunophenotyping: Methods and Protocols* is a valuable resource for any researchers, clinician, or scientist interested in learning more about this evolving field.

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## **FUNDAMENTALS OF ANATOMY & PHYSIOLOGY**

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**Benjamin Cummings** For two-semester A&P. *Fundamentals of Anatomy & Physiology* helps you succeed in the challenging A&P course with an easy-to-understand narrative, precise visuals, and steadfast accuracy. Every chapter of the Tenth Edition includes one- and two-page Spotlight Figures that seamlessly integrate text and visuals to guide you through complex topics and processes. These highly visual presentations incorporate, for select topics, the "visual approach" that the same author team created in their *Visual Anatomy & Physiology* book. New Clinical Cases open every chapter and get you thinking about the chapter content in the context of a personal compelling patient story. The Tenth Edition integrates book content with MasteringA&P®, through expanded Coaching Activities, which personalize learning and coach you toward understanding and mastery of tough A&P topics. This program presents a better learning experience. It provides: Personalized Learning with MasteringA&P: Engage with A&P through new Spotlight Figure Coaching Activities, and new Book-specific Clinical Case Activities, and a wide range of other question and activity types--all that are automatically graded. Text-art Integration: The popular one- and two-page Spotlight Figures and other figure types seamlessly integrate text and visuals to guide you through complex topics and processes. You study the Spotlight Figures in the book, and then your instructor can assign them in MasteringA&P. Story-based Clinical Content: Motivate yourself for your future careers with the new Clinical Cases. Time-saving Navigation and Study Tools: Better navigate difficult A&P topics through both the book and MasteringA&P. Note: You are purchasing a standalone product; MasteringA&P does not come packaged with this content. If you would like to purchase both the physical text and MasteringA&P search for ISBN-10: 0321908597/ISBN-13: 9780321908599. That package includes ISBN-10: 0321909070/ISBN-13: 9780321909077 and ISBN-10: 0321940717/ISBN-13: 9780321940711. MasteringA&P is not a self-paced technology and should only be purchased when required by an instructor.

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## **COLOR ATLAS OF IMMUNOLOGY**

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**Thieme** A pocket atlas flexibook on this dynamic and wide-ranging field, indispensable for students of medicine and biology alike. Complex processes are well-illustrated in clear images that are not burdened with unnecessary details. Following an introductory part and a section on laboratory methods in immunology, the bulk of the book concentrates on the manifestations of immunological diseases in the human body, providing comprehensive capsule descriptions of all common immune diseases.

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## **IN DEFENSE OF SELF**

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### **HOW THE IMMUNE SYSTEM REALLY WORKS**

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**Oxford University Press, USA** William Clark invites readers on a tour of the immune system, introducing some of the most important medical advances and challenges of the past 100 years, from the development of vaccines and the treatment of allergies, autoimmunity and cancer, to prolonging organ transplants and combating AIDS.

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## **MECHANISMS OF CELL-MEDIATED IMMUNITY**

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### **IMMUNOTHERAPY**

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**Springer Nature** The field of immuno-oncology 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.

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## **BASIC VETERINARY IMMUNOLOGY**

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Designed to fill the current gap in resources for teaching veterinary immunology, *Basic Veterinary Immunology* offers a solid background in the essentials of immunology within the context of veterinary medicine. The book combines a clinical framework complete with real-world examples to integrate the theory and practice of veterinary medicine. Each chapter begins with a clinically relevant veterinary issue and then presents one aspect of basic immunology in the context of that issue. All chapters include learning objectives and a clinical correlation follow-up section that includes student considerations and a review of the possible explanations for the clinical presentation. Illustrated with 250 full-color images and figures that will also be available as PowerPoint teaching aids, *Basic Veterinary Immunology* and

related materials will be made available online to students, faculty, and clinical veterinarians in partnership with the Veterinary Information Network. Basic Veterinary Immunology will provide students with a good working knowledge of veterinary immunology that will serve them both in the completion of their curricula and in professional practice.

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### **MICROBIOLOGY AND IMMUNOLOGY**

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**BRS Microbiology and Immunology** is designed specifically for medical and graduate students for successful preparation for the United States Medical Licensing Examination (USMLE). This newest edition features a full-color design and illustrations throughout. The book is divided into 12 chapters and presents both a "bug" approach followed by an organ systems approach. It remains a succinct description of the most important microbiological and immunological concepts and critical details needed to understand important human infections and the immune system function and malfunction. End-of-chapter review tests feature updated USMLE-style questions with rationales and four USMLE comprehensive examinations (in 50 question blocks like Step 1) help test memorization and mastery of the subject. A companion website offers the fully searchable text and an online question bank.

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### **REALLY ESSENTIAL MEDICAL IMMUNOLOGY**

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**Wiley-Blackwell** This new edition of Really Essential Medical Immunology builds on the success of the first edition and includes a fresh contemporary look and easy-to-navigate feel, with fully updated content and materials. Really Essential Medical Immunology Second Edition is a concise, manageable and portable textbook, based on the original and best-selling Roitt's Essential Immunology, and is specifically designed and written for busy medical and science students getting to grips with the subject of immunology. The book is divided into five different parts covering: The basis of immunology The recognition of antigens The acquired immune response Immunity of infection Clinical immunology Really Essential Medical Immunology: Contains only the absolute essentials that students need to know Lays out information in a clear, easy-to-navigate format Includes revision summary boxes to help get the best results in exams Describes concepts visually through the use of clear, simple full colour diagrams Is a must-buy for busy students who need to find information fast and easy

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### **THE FISH IMMUNE SYSTEM: ORGANISM, PATHOGEN, AND ENVIRONMENT**

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**Academic Press** This book comprehensively reviews the immunology of fish--their health, interactions between them and their pathogens, and the impact of both endogenous and environmental changes on these interactions. Leading authorities provide an essential foundation for the understanding of fish immunology and fish health. As fish are increasingly used as model systems for vertebrate immune systems, The Fish Immune System will be a crucial reference. The only comprehensive, single-volume reference on the fish immune system Contributions from an international team of experts Useful to researchers interested in fish health as well as professionals managing fish hatcheries, aquariums, and other facilities that must maintain healthy fish