

Roitts Essential Immunology Essentials

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

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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 on the website (half for students, all for instructors). Examples come from the most-studied and medically important viruses such as HIV, influenza, and poliovirus. Plant viruses and bacteriophages are also included. There are chapters on the

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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

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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

Immunology and Immunotechnology provides the reader with a clear understanding of the fundamentals of immunology. Aimed at students of biotechnology, it covers the latest technologies and techniques for diagnosis, new vaccines, etc. and would be

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useful for both undergraduate and postgraduate courses.

Roitt's Essential Immunology John Wiley & Sons

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

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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*

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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 Immunology and Immunotechnology

Interactive Core Tutorials in Immunology[Immunology Made Ridiculously Simple Roitt's Essential Immunology, Includes Desktop Edition

Essentials of Clinical Immunology provides

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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

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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

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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.

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. Practical Immunology is a basic text aimed at

immunology students and researchers at all levels who need a comprehensive overview of the methodology of immunology. The rapid and startling innovations in immunology over the past two decades have their root in sound experimental practice and it has always been the aim of this book to educate researchers in the design and performance of complex techniques. It will appeal to students of immunology, graduate students embarking on bench science, or specialised immunologists who need to use an immunological technique

outside their sphere of expertise. The definitive lab "bench book". A one stop resource. Techniques explained from first principles. Basic forms of apparatus described in detail. Totally revised with new user friendly layout to aid use in the lab. Includes useful hints and tips. Molecular Virology of Human Pathogenic Viruses presents robust coverage of the key principles of molecular virology while emphasizing virus family structure and providing key context points for topical

advances in the field. The book is organized in a logical manner to aid in student discoverability and comprehension and is based on the author's more than 20 years of teaching experience. Each chapter will describe the viral life cycle covering the order of classification, virion and genome structure, viral proteins, life cycle, and the effect on host and an emphasis on virus-host interaction is conveyed throughout the text. Molecular Virology of Human Pathogenic Viruses provides essential information for

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students and professionals in virology, molecular biology, microbiology, infectious disease, and immunology and contains outstanding features such as study questions and recommended journal articles with perspectives at the end of each chapter to assist students with scientific inquiries and in reading primary literature. Presents viruses within their family structure Contains recommended journal articles with perspectives to put primary literature in context Includes integrated recommended

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**reading references within each chapter
Provides access to online ancillary package
inclusive of annotated PowerPoint images,
instructor's manual, study guide, and test
bank**

Oxford Textbook of Rheumatology

A Short Course

Concepts and Evidence

Really Essential Medical Immunology

Essential Immunology

This book begins with basic concepts of immunology and then details the immunological aspects of various

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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.

"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

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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

Institutional Edition.The Immunology Series is a new collection of fully integrated tools that are ideal for mastering the difficult subject of immunology. Because it covers immunology at the basic level, the Series is appropriate for medical students as well as those enrolled in advanced undergraduate science programs.The Series covers a broad range of topics, providing comprehensive, up-to-date information on: innate immunity, antibodies, membrane receptors for

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antigen, the primary interaction with antigen, immunochemical techniques, cellular techniques, the anatomy of the immune response, lymphocyte activation, the production of effectors, control mechanisms, ontogeny and phylogeny, adversarial strategies during infection, prophylaxis, immunodeficiency, hypersensitivity, transplantation, tumor immunology, and autoimmune diseases. ROITT IMMUNOLOGY TEXTSTACK This electronic edition of Blackwell Science LTD's Essential Immunology, Eighth Edition, by Ivan M. Roitt includes the complete text plus all diagrams, charts and illustrations. Often referred to as "the gold standard of immunology", this authoritative text provides comprehensive coverage

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of the basic principles of immunology. Search for specific information appearing anywhere within the text - including data in tables and figure or diagram legends - or browse the comprehensive contents list to find topics of interest. Powerful tools enable you to mark, annotate, or download information of interest for future reference, and to create customized notebooks, handouts, and interactive electronic lessons incorporating materials from anywhere within the Series and from other electronic resources. Includes links to Clinical Immunology Cases. CLINICAL IMMUNOLOGY CASES A collection of 89 vignettes, each outlining a clinical case, the treatment followed, and the results achieved. Based

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on Blackwell Science LTD's Essentials of Clinical Immunology by Helen Chapel and Mansel Haeney. Includes direct links to related materials appearing in the Roitt Immunology TextStack for more information. IMMUNOLOGY QUIZBANK Written specifically to accompany the Roitt Immunology TextStack, this new QuizBank provides students with an excellent way in which to test their knowledge of the basic principles of immunology. It features more than 700 multiple-choice questions written by Ivan M. Roitt and Peter J. Delves of the University College London Medical School. For each possible answer, detailed feedback explains why the answer is right or wrong. Also

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includes direct links from the answers to related materials appearing in the Roitt Immunology TextStack, for further review.

Really Essential Medical Immunology is a concise version of the original and best selling Roitt's Essential Immunology. This new, slim textbook is designed for busy medical and science students.

Roitt's Essential Immunology, Tenth Edition

Molecular and Cellular Biology of Viruses

Practical Immunology

The Autoimmune Diseases

Basic Immunology

This book, based on a recent German publication, offers

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an overview of basic data and recent developments in the groundbreaking field of molecular allergology. It comprehensively explores the origin and structure of single allergen molecules ("components") and their utility in improving the management of type I, IgE-mediated allergic reactions and disorders like allergic respiratory diseases, food allergies, and anaphylaxis. Highly specific testing, called component-resolved diagnostics, aims to identify and utilize single molecules. Over 200 single allergens from plant or animal sources have been applied to single or multiplex laboratory testing for the presence of allergen-specific IgE. This leap in assay sensitivity and specificity has led to three major advances in patient

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management: discrimination between primary allergic sensitization and complex cross-reactivity, recognition of IgE profiles for certain allergens and identification of patients most likely to benefit from allergen-specific immunotherapy. The book discusses in detail the benefits and limitations of this 21st century technology, and offers suggestions for the use of molecular allergology in routine clinical practice. It is a "must read" for physicians treating allergic patients as well as scientists interested in natural allergic molecules and their interactions with the human immune system.

Health is maintained by the coordinated operation of all the biological systems that make up the individual. The

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Introduction to Psychoneuroimmunology 2e presents an overview of what has been discovered by scientists regarding how bodily systems respond to environmental challenges and intercommunicate to sustain health. The book touches on the main findings from the current literature without being overly technical and complex. The result is a comprehensive overview of psychoneuroimmunology, which avoids oversimplification, but does not overwhelm the reader. Single authored for consistency of breadth and depth, with no redundancy of coverage between chapters Covers endocrine-immune modulation, neuro-immune modulation, and the enhancing or inhibiting processes of one or more systems on the

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others Expanded use of figures, tables, and text boxes
Online test bank for professors

The Autoimmune Diseases, Sixth Edition, emphasizes the "3 P's" of 21st Century medicine: precision, prediction and prevention. Topics cover the modern systems approach to biology that involves large amounts of personalized, ongoing physiologic data ("omics") coupled with advanced methods of analysis, new tests of genetic engineering, such as CRISPR, auto inflammatory diseases, autoimmune responses to tumor immunotherapy, and information on normal immune response and disorders. Each of the major autoimmune disorders is discussed by researchers and clinical investigators experienced in

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dealing with patients. Chapters emphasize the immunologic basis of the disease as well as the use of immunologic diagnostic methods and treatments. The book also covers several cross-cutting issues related to the recognition and treatment of autoimmune diseases, including chapters on the measurement of autoantibodies and T cells, the use of biomarkers as early predictors of disease, and new methods of treatment. Gives a thorough and important overview on the entire field, framing individual disease chapters with information that compares and contrasts each disorder and its therapy. Provides thorough, up-to-date information on specific diseases, along with clinical applications in an easily found

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reference for clinicians and researchers interested in certain diseases Keeps readers abreast of current trends and emerging areas in the field Ensures that content is not only up-to-date, but applicable and relevant Includes new, updated chapters that emphasize hot topics in the field, e.g., research on auto inflammatory diseases and autoimmune responses following cancer immunotherapy 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

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wrong, and how, in clinical medicine, eachbody system can be affected by immunity. Each double-page spread corresponds to a typical lecture anddiagrammatically summarises core concepts in immunology, throughaccessible schematic diagrams on left-hand pages, with key pointsconcisely summarised on the right-hand page. There are alsoself-assessment essay questions so yo can test your knowledge. New for this 10th edition: Thoroughly updated and reorganised chapters offer greaterclarity and easier understanding for those new to the subject New chapters on cytokine receptors and 'Immunology in theLaboratory' A completely re-written section on autoimmunity A brand new companion website

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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 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.

Multimedia Essentials for Self-tuition

Clinical Immunology

Janeway's Immunobiology

Mims' Medical Microbiology

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Exploring Immunology

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.

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.

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(Midwest).

Authors Dave Nelson and Mike Cox combine the best of the laboratory and best of the classroom, introducing exciting new developments while communicating basic principles of biochemistry.

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

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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

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Fundamental Immunology

AI for Immunology

Mims' Medical Microbiology E-Book

Essentials of Clinical Immunology

Introduction to Psychoneuroimmunology

Roitt's Essential Immunology - the textbook of choice for students and instructors of immunology worldwide Roitt's Essential Immunology clearly explains the key

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principles needed by medical and health sciences students, from the basis of immunity to clinical applications. A brand new introduction sets the scene to section 1, Fundamentals of Immunology, introducing the microbial world and the strategies the body employs to defend itself. Each chapter then guides the reader through a different part of the immune system, and explains the role of each cell or molecule individually, and then as a whole. Section 2, Applied Immunology, discusses what happens when things go wrong, and

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the role the immune system plays alongside the damaging effects of a disease, including cancer, immunodeficiency, allergies and transplantation and the beneficial effects of vaccines. The 13th edition continues to be a user-friendly and engaging introduction to the workings of the immune system, whilst supporting those who require a slightly more detailed understanding of the key developments in immunology. The content has been fully updated throughout and includes: An expansion on key clinical topics, including: innate immunity,

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autoimmune conditions, asthma, primary immunodeficiency, and HIV/AIDS Beautifully presented with improved artwork and new illustrations A range of learning features, including introduction re-cap boxes, end of chapter and section summaries to aid revision, as well as further reading suggestions, and a glossary to explain the most important immunology terms. Roitt's Essential Immunology is also supported by a companion website at www.roitt.com including: An additional online only chapter on immunological methods and applications

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Further interactive multiple choice and single best answer questions for each chapter Animations and videos showing key concepts Fully downloadable figures and illustrations, further reading and useful links Updated extracts from the Encyclopaedia of Life Sciences Podcasts to reinforce the key principles explained in the text

Lippincott® Illustrated Reviews: Immunology, 3rd Edition, offers an engaging, vividly illustrated presentation and all of the popular learning features of

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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

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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. This book fills a gap at the interface of fundamental and clinical immunology, and allergy. For many years, experts in fundamental immunology and physicians involved in clinical immunology and allergy worked separately - but the fundamental immunologists did not have medical qualifications and the physicians were not

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involved in the field of fundamental research. Written by a teacher and an expert in both fields, this book combines current knowledge on basic immunology and immunopathology with clinical comments that complete the whole picture. Immunology is a complex science, which requires a simplified approach in order to be taught and understood effectively. This book is based on the authors' long experience in teaching undergraduate, postgraduate students and interns both basic and clinical immunology. Reviewing a

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variety of important components related to the immune system, it is clearly and logically structured, and enriched by figures, tables and boxes with important immunology definitions. Each chapter has its own bibliography, and most units include links to electronic quizzes and audio files to accompany readers step by step. This easy-to-follow volume concludes with suggestions for future study. It is a valuable resource for undergraduate and postgraduate students, as well as medical practitioners.

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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

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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

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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.

Innovation for a Better Patient Management

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Essentials

Lehninger Principles of Biochemistry

Principles and Practice

Cellular and Molecular Immunology

Immunology Series: Institutional Edition

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

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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

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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.

This concise introductory textbook uses carefully chosen examples from clinical and experimental

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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 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

A strong clinical emphasis is present throughout this volume from the first section of commonly presenting

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problems through to the section addressing problems shared with a range of other clinical sub-specialties. The bioscience of immunology has given us a better understanding of human health and disease. Artificial intelligence (AI) has elevated that understanding and its applications in immunology to new levels. Together, AI for immunology is an advancing horizon in health care, disease diagnosis, and prevention. From the simple cold to the most advanced autoimmune disorders and now pandemics, AI for immunology is unlocking the causes and cures. Key features: A highly accessible and wide-ranging short

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introduction to AI for immunology Includes a chapter on COVID-19 and pandemics Includes scientific and clinical considerations, as well as immune and autoimmune diseases

Instant Notes in Immunology

Molecular Virology of Human Pathogenic Viruses

Immunology

Cellular and Molecular Immunology E-Book

Windows And Macintosh

Mims' Microbiology makes it easy for you to learn the microbiology and basic immunology concepts you need to know for your courses

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and USMLE. Using a clinically relevant, systems-based approach, this popular medical textbook accessibly explains the microbiology of the agents that cause diseases and the diseases that affect individual organ systems. With lavish illustrations and straightforward, accessible explanations, Mims' Microbiology makes this complex subject simple 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

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approach to microbiology employs integrated and case-based teaching that places the "bug parade" into a clinical context. Grasp and retain vital concepts easily thanks to a user-friendly color-coded format, succinct text, key concept boxes, and dynamic illustrations. 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 an extensively cross-referenced

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"Pathogen Review" section. Access the complete contents online at studentconsult.com, along with downloadable illustrations...150 multiple choice review questions... "Pathogen Parade"...and many other features to enhance learning and retention. Enhance your learning and absorb complex information in an interactive, dynamic way with Pathogen Parade – a quickly searchable online glossary of viruses, bacteria, and fungi. Deepen your understanding of epidemiology and the important role it plays in providing evidence-based identification of key risk factors for

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disease and targets for preventive medicine. A completely re-written chapter on this topic keeps abreast of the very latest findings. 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

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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

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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

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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.

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,

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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

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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. 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

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immunology primers' and the tenth 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. On the tenth edition, Ivan Roitt is joined by Peter Delves, a brilliant teacher from University College London. Together they 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. The tenth edition focuses on: dendritic cells intraepithelial

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lymphocytes NKT and gd T-cells NK receptors non-classical MHC presentation of non-peptidic antigens analysis of TCR-peptide-MHC interactions gene 'knockouts' and 'knockins' cell signaling pathways chemokines and their receptors intimate links between innate and adaptive immunity regulatory T-cells Fcγ receptors activation-induced cell death signaling through pattern recognition systems prions DNA vaccines mucosal adjuvants molecular understanding of immunodeficiency CCR5 co-receptor for HIV therapeutic benefit of monoclonal anti-IgE in allergy the excessive hygiene hypothesis induction of

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antigen-specific tolerance for transplantation heat-shock proteins in tumor immunity and autoimmunity peptide priming of dendritic cells for immunotherapy thymic expression of organ-specific autoantigens

Roitt's Essential Immunology is supported by a web site at www.roitt.com This useful on-line resource contains self-assessment material, future updates, further reading and an image archive. New edition of a best-selling textbook - known internationally by both students & faculty. Completely updated throughout. Greater emphasis on core knowledge & ease of use. Supported by a free

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on-line www.roitt.com companion containing updates, images and self-assessment material.

Immunology at a Glance

How the Immune System Works

From Basic to Clinical Immunology

Molecular Allergy Diagnostics

Functions and Disorders of the Immune System

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

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hypersensitivity, autoimmunity, immunodeficiency, common diagnostic tests, vaccination, transplantation, and tumor immunology.

Immunology: A Short Course, 7th Edition introduces all the critical topics of modern immunology in a clear and succinct yet comprehensive fashion. The authors offer uniquely-balanced coverage of classical and contemporary approaches and basic and clinical aspects. The strength of Immunology: A Short Course is in providing a complete review of modern immunology without the burden of excessive data or theoretical

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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*

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interactive flashcards, USMLE-style interactive MCQs, figures as PowerPoint slides, and case-based material to help understand clinical applications

The sixth edition of Roitt's IMMUNOLOGY brings this classic textbook up to date. 250 top quality photographs and over 400 color illustrations bring immunology to life. Case studies have been added, placing immunology in a clinical context. Expanded Critical Thinking sections with detailed feedback test understanding and provide a useful revision tool. Part of an unsurpassed coordinated learning package.

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Essential Immunology clearly outdistances other textbooks in the area by its scope, its organisation, its clarity and its ability to convey a carefully balanced and up-to-date view of immunology.

Apoptosis and Cancer

Lippincott Illustrated Reviews: Immunology

Roitt's Essential Immunology

Essential Clinical Immunology

Apoptosis and Cancer is an up-to-date overview of our understanding of apoptosis and how it effects cancer development and cancer treatment. Written by leading

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researchers in the field of apoptosis, this book provides an extremely valuable reference for those already familiar with apoptosis as well as a jumping-off point for those new to the field. It will appeal to scientists interested in mechanisms of cell transformation that lead to cancer and to oncologists interested in investigating and understanding new cancer therapies.

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This standard-setting textbook has defined the field of immunology since 1984, and is

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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

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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.

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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

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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

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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