

Immunology For Medical Students 2nd Edition

This book presents case histories to illustrate essential points about the mechanisms of immunity and to explain some of the immunological problems seen in the clinic. It is intended to help medical students and pre-medical students to understand the importance of basic immunological mechanisms.

Joint Winner of The Richard Asher Prize at the Society of Authors and Royal Society of Medicine Medical Book Awards. Presenting a unique balance between science and clinical relevance, this new text is a concise, well-illustrated overview of immunology for students.

Comprehensive yet concise and easy to read, this updated edition of Immunology for Medical Students effectively explains complex immunology topics and their relevance in clinical practice. Boasting just the right amount of detail for today's busy medical student, it delivers state-of-the-art coverage of the latest scientific and clinical knowledge in the field. Detailed and explanatory illustrations, combined with clinically relevant examples and cases, offer a unique understanding of the human immune system and its role in protecting us from disease. Designed with a clear focus on the needs of medical students. Includes overview illustrations at the beginning of each chapter, as well as illustrations with dialogue boxes. Immunology icons are repeated throughout the text, accompanied by a helpful Icon Key. Detailed clinical cases demonstrate real-world

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applications. Technical boxes point out important scientific advances. End-of-chapter checklists of learning points facilitate review. Student Consult eBook version included with purchase. This enhanced eBook experience allows you to search all of the text, figures, images, and references from the book on a variety of devices. You'll also access 100 multiple-choice questions to enhance your understanding of the material. Features 17 new clinical boxes as well as critical revisions to 25 of the clinical boxes featured in the previous edition, providing relevant, practical examples of cases commonly encountered in day-to-day practice. Presents new material on T Cell Subsets, the molecular and cellular processes involved in their selection and differentiation, and how this knowledge is already translating into clinical developments. Includes a brand-new chapter titled Regulation of the Immune System. In An Introduction to Immunology, the author includes the most recent information while emphasizing the basic fundamentals of each topic so that you obtain a broad outline of the subject. The text elucidates fundamental concepts, such as the origin of the immune system, innate and acquired immunity, and cells and organs of the immune system. It discusses recent concepts and ideas regarding innate and acquired immunity, T-cell and B-cell activation and differentiation mechanisms, factors involved in rheumatoid arthritis, T-cell clonal anergy, NK cell receptors, strategies in production of new vaccines against pathogens, new information on the minor histocompatibility complex, and much more. Moreover, the author brings you up to date with the latest

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developments by reviewing recently proposed concepts on transplantation immunology, blocking of costimulatory signals, CTLA-4 mediated T-cell inhibition, immune tolerance, NK cell tolerance, HLA delivered peptides for immunosuppression, and tumor antigens coded by oncogenes. Covering subject matter based on the immunology course taught by the author for the past twenty years, Introduction to Immunology is an excellent text for graduate and postgraduate students, as well as a good reference book for teachers of biological sciences. "This new edition presents current, medically important information in the rapidly changing fields of microbiology and immunology. It contains many color micrographs of stained microorganisms as well as images of important laboratory tests. It also includes many images of clinical lesions and highlights current information on antimicrobial drugs and vaccines."--Preface.

The sixth edition of this best-selling textbook presents a systematic account of the effects, both good and bad, of the immune system. Special emphasis is placed on what the immune system actually does in causing and preventing disease. Divided into two parts, the sixth edition discusses inflammation, the fundamentals of the immune system and how it is activated, the seven immune effector mechanisms, and how these effector mechanisms act not only to protect against infection and cancer but also to cause diseases. Valuable reading for physicians, medical students, graduate students, nurse practitioners, physician assistants, teachers of immunology, and advanced courses in immunology.

This new edition of Really Essential Medical Immunology

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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

In this innovative, short, new textbook, Rod Langman offers a conceptual framework within which students can understand the evolution of the immune system.

Evolutionary selection for resistance to infectious disease is shown to be the driving force that has shaped the immune system into a remarkably effective and efficient system of defense. In the midst of the current information explosion in immunological science, when many students are under the impression that the immune system is almost too complex to understand as a whole, The Immune System can be used alone as a text for an introductory course or used in conjunction with any of the

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several descriptive texts already on the market. Immunology and Rheumatology in Questions, 2nd Edition addresses through short and concise questions-and-answers (Q&As) on one hand all major aspects of basic clinical and laboratory immunology necessary for understanding underlying immunological mechanisms of autoimmune rheumatic diseases. The majority however of Q&As in this book presents in a laconic way definitions, pathogenetic aspects, clinical and laboratory manifestations, differential diagnosis and the management of all categories of rheumatic diseases including systemic autoimmune, autoinflammatory, metabolic and degenerative. Furthermore, in separate sections of this manual Q&As addressing rheumatic manifestations from other organ systems are included. Finally, a chapter is devoted to treatment of rheumatic diseases analyzing indications and side-effects of different therapeutic modalities with illustrations and diagrams utilized throughout the book to present the information in a clear and schematic way. In this fully revised second edition, more than 120 new Q&As have been added and the answers to more than 90 Q&As has been modified after having critically incorporated all new knowledge generated in the past three years in the field of rheumatology, in an effort to bridge classical and current evidence-based knowledge and to present didactic and credible information. This book is valuable to test and acquire knowledge not only for rheumatologists but for every specialist in internal medicine, family practice, physical/rehabilitation medicine and orthopedic surgery.

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The essential companion for your first two years of medical school *First Aid for the Basic Sciences: General Principles, 2e* provides you with a solid understanding of the basic science principles with which all medical students must be familiar. The second edition has been completely revised to feature a more student-friendly and approachable text, an updated high-yield rapid review section, new images, and more. Delivers comprehensive single-source coverage of the entire first year of medical school Includes important background material most other reviews leave out Covers the high-yield topics and facts tested on the USMLE Offers full-color images, learning aids, tables, and concise text to streamline your study and help you excel in coursework and on the USMLE Provides a framework for understanding anatomy and histology, embryology, behavioral science, biochemistry, microbiology, immunology, pathology, and pharmacology Mirrors the table of content of *First Aid for the USMLE Step 1* to facilitate study Written by students who aced the USMLE and reviewed by top faculty

Porth Pathophysiology: understanding made easy, delivered however you need it. *Porth's "Essentials of Pathophysiology" 3e* delivers exceptional student understanding and comprehension of pathophysiology. An expanded, robust and flexible suite of supplements makes it easy for you to select the best course resources, so you can meet your students' changing needs. For both discrete and hybrid courses, the flexibility and power of *Porth* allows you to customize the amount of pathophysiology that you need for effective teaching and learning. Including a resource DVD with

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text!

The second edition of the Textbook of Microbiology and Immunology provides a fully updated text on various aspects of microbiology and infectious diseases, which makes it the most authoritative and informative text in medical microbiology. It is a must have book for preparing MBBS examination as well as for preparing PG entrance test. Clear, succinct, and comprehensive information on various aspects of microbiology and immunology. Thoroughly revised information. Key Points highlighting the need to know aspects of the discussed topics. Tables and figures for better understanding. Case studies at the end of chapters for self-assessment. Special emphasis on emerging and re-emerging pathogens and antimicrobial resistance. Color photographs to aid in better understanding. Covers recent advances in molecular diagnosis and vaccines. Aimed at all nurses, this key textbook equips them with the knowledge and skills required to care for the deteriorating patient in the clinical environment. The assessment, recognition and rapid escalation of the deteriorating patient is emphasized throughout the book. Using a unique system-based approach, each chapter contains structured learning outcomes and concludes with a competence-based skills assessment, which can be used to assess practice skills. These skills are recommended as essential for every nurse in an acute area and key to successful practice. Using real life case studies to link knowledge to actual practice and written by senior nurses for nurses, this book is an essential purchase for all nurses who work in acute care settings.

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"This book is a concise review of the medically important aspects of microbiology and immunology. It covers both the basic and clinical aspects of bacteriology, virology, mycology, parasitology, and immunology. Its two major aims are (1) to assist those who are preparing for the USMLE (National Boards) and (2) to provide students who are currently taking medical microbiology courses with a brief and up-to-date source of information"--Provided by publisher.

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

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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>

Veterinary Immunology: Principles and Practice has become the adopted text in numerous veterinary schools throughout the world. Widely updated with advances in knowledge since 2011, this second edition reflects the rapid development in the field. The new edition presents expanded information on commonly used diagnostic test procedures and discusses newly arising diseases such as bovine neonatal pancytopenia. Maintaining the same reliable format as its predecessor, the book includes:

Learning objectives at the start of each chapter
Key points at the end of each chapter
17 clinical case studies demonstrating clinical context for the material covered in the chapters
Standard symbols in diagrams throughout the text to provide continuity
Clinical examples and clinicopathological figures throughout
A glossary of terms and list of commonly used abbreviations
Exploring the immunological concerns of both large animals and small, the book emphasizes immunological principles while applying them to the disease process and to clinical practice. It provides a practical textbook for veterinary students and a handy reference for practitioners.

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This introductory text has been designed primarily for use in immunology courses. It synthesizes the established facts of immunology into a comprehensible account of how the immune system works.

Within this one volume both basic science and clinical immunology are demystified for the medical and other health sciences student. The basic immunological processes are described first, with a level of detail restricted to what is appropriate for medical (and similar) curricula. In the second part of the book, immunological mechanisms behind major diseases of the various body systems are explained. Throughout the text clinical details are highlighted and more in-depth material is differentiated from the main text.

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

Lecture Notes: Immunology is a best-selling concise introduction to immunology presenting the essential core knowledge for medical and biomedical science students. It takes an integrated approach and combines basic science and clinical information for a clear understanding of the cells, molecules and processes of the immune system. The book has been fully revised and updated throughout and includes a new chapter on Immunological Therapy. Divided into two parts, Part 1

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covers immunity and the immune system and Part 2 deals with immunopathology. This text will prove invaluable as a well-balanced introduction to immunology and a rapid revision guide for final exams. The book contains: Clear illustrations, tables and diagrams Integrated basic science and clinical information Key facts that support the understanding of important information Lecture Notes: Immunology will appeal to medical students, junior doctors, allied health professionals, postgraduates and for those in the field of biomedical science. Reviews of previous editions "A thoroughly comprehensive basic text in immunology, this book makes a singularly dull subject seem rather interesting." Sphincter - Liverpool medical school gazette "A splendid small text. It has a good level of detail despite its brevity and it is well-illustrated with tables, diagrams and 'key points' boxes." 2nd Opinion, Edinburgh Medical School Gazette "This book goes way beyond the scope of the pathology course but is so easy to use that it is highly recommended. An excellent new chapter on AIDS is included. Another great book from the Lecture Notes series." St Thomas' Gazette Long respected as the most comprehensive nurse anesthesia resource available, this new edition continues the tradition of bringing together leading experts to create a balanced reference that applies scientific principles to today's clinical anesthesia practice. Inside you'll find a solid introduction to the equipment and patient care techniques unique to nurse anesthesia side-by-side with the cutting-edge research and application of evidence necessary to prepare you for tomorrow. Over

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700 tables and boxes highlight the most essential information in a quick, easy-to-reference format. An easy-to-use organization with basic principles covered first, followed by individual chapters for each surgical specialty, ensures you have the information you need to build your knowledge. Over 650 figures of anatomy, nurse anesthesia procedures, and equipment enhance your understanding of complex information. Expert CRNA authors provide the most up-to-date and relevant clinical information you'll use in daily practice. The latest pharmacology information on pharmacokinetics, drug delivery systems, opiate antagonists, and key induction drugs to keep you up-to-date. Thoroughly updated references make finding the latest and most important research in the field quick and simple. New chapters address legal issues, neonatal anesthesia, anesthesia education, clinical monitoring, regional anesthesia, unexpected complications, and more. Expanded coverage of chemistry and physics as well as immunology makes these difficult fundamental topics easier to understand and apply to everyday practice. Over 100 new images enhance your understanding of difficult anesthesia concepts.

Fundamentals of Children and Young People's Anatomy and Physiology contains the critical knowledge required to provide safe and effective care to young people. Emphasising the application of evidence-based theory to practice, this comprehensive yet accessible textbook helps nursing and healthcare students understand how children's anatomical and physiological systems influence disease processes and treatment options

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differently than in adults. Highly visual, succinct yet comprehensive, this textbook presents an overview of the structure and function of each body system, supported by clinical applications demonstrating how the concepts relate to nursing in practice. Fully revised to reflect the Future Nurse Curriculum Standards, this second edition contains a new chapter on physical growth and development, discussion of social, political, and environmental impacts to children's health and wellbeing, updated problems and activities, and more. Each chapter includes a range of effective pedagogical tools, such as learning objectives, clinical considerations, body maps, and self-assessment questions. Designed to prepare students for their careers in delivering high-quality care for children in a range of settings, this leading textbook: Provides information on the anatomical and physiological changes that leads to an altered state of health Emphasises clinical application throughout, applying the anatomy and physiology to common health conditions in children Offers a structured and comprehensive approach to child-related anatomy and physiology theory to prepare students for practice Fundamentals of Children and Young People's Anatomy and Physiology is essential reading for nursing and healthcare students, and a useful reference for nurses, nursing associates, healthcare assistants, assistant practitioners, and other professionals working in the field. All content is reviewed by students for students. If you would like to be one of our student reviewers, go to www.reviewnursingbooks.com to find out more. Immunology for Medical Students Mosby Incorporated

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Dr. Gupta provides a comprehensive overview of the clinical management of food allergy. Articles are devoted to epidemiology, pathophysiology, diagnosis, management, immunology, and treatments of food allergy. Current knowledge of the relationship between the gut microbiome and food allergy is also presented as well as eosinophilic esophagitis and oral allergy syndrome. Designed as an introductory textbook, *Infection, Resistance and Immunity* provides basic information on the workings of the immunological system and on infectious processes and their control. With sections on immunological disorders, immunization, immunodiagnosis, and epidemiology, it relates immunology to practical problems in medicine. The book includes a section on comparative immunology, introducing students to differences among immunological systems among common species of nonhuman animals. Written for the advanced undergraduate, the focus is on host-parasite interactions—distinguishing this text from other standard texts, which focus on the cellular mechanisms of the immune response.

Announcements for the following year included in some vols.

Introductory Immunology: Basic Concepts for Interdisciplinary Applications, Second Edition is a completely updated, revised and expanded resource on the immune system as a primary defense for the maintenance of health and homeostasis. The book highlights the components of the human immune system and how they work together to confer protection against pathogenic invaders. It also creates an understanding of

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the basis for clinical tests and immune therapeutics and their importance in identifying and treating disease states. This updated edition will strengthen the foundation required to understand the placement of immune function within clinical practice, thus allowing a basic platform to define therapeutic treatments. Creates appreciation for the components of the human immune system that work together to confer lifelong protection Provides core knowledge in immunology to build a foundation to explore mechanisms involved in clinical disease Breaks down all immunology concepts into manageable, logically digestible building blocks Geared toward readers without medical, biochemical or cellular expertise Includes a glossary that provides functional definitions of complex terms

Comprehensive and practical, this book thoroughly addresses the full range of concerns related to food allergies in the pediatric patient. As food allergies in the pediatric population increase in number and severity, *Pediatric Food Allergy: A Clinical Guide* provides information on new guidelines and potential treatment options, as well as working to improve awareness, diagnosis, management and prevention practices. Written by experts in their respective fields, chapters are divided into five sections. Opening with an introduction and overview of particular concerns and issues specific to food allergy in the pediatric population, sections two and three address diagnosis and management of comorbid conditions in food allergy, along with development of food allergies and current prevention recommendations. Sections four and five cover food

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allergy management, prognosis, and therapeutic options with a look to future developments, while all sections include a discussion of epidemiology, differential diagnoses of other potential food-related diseases. In *Pediatric Food Allergy: A Clinical Guide*, pediatricians and allergists alike will find an invaluable resource as they work with this vulnerable patient population.

Concise Medical Immunology is intended for medical and allied health students taking a short foundation course in immunology. The text provides a concise, clear, clinically oriented, user-friendly introduction to fundamental immunologic principles and their applications in medical practice. Clinical Application boxes and patient vignettes help students connect basic immunology with real-life clinical practice. Each chapter ends with a bulleted summary and review questions. Appendices include a lexicon of immunologic abbreviations and acronyms and a comprehensive glossary of immunologic terms with detailed definitions. 100 specially designed two-color illustrations illuminate key concepts. These images will be available free to adopters on connection.LWW.com/go/Doan.

Essential Clinical Immunology is aimed at clinical medical students and trainee doctors, although it will also appeal to medical professionals seeking a refresher in clinical immunology. The book provides the reader with the core information required to understand diseases with an immunological basis. This new edition of *Essential Clinical Immunology* is fully updated, now in full colour throughout and features: coverage of the underlying pathophysiology and signs and symptoms of

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disease, as well as the special investigations required and management of patients; emphasis on the clinical aspects with numerous real life case histories used to illustrate key concepts; MCQs at the end of each chapter for self-assessment. Companion website An accompanying website, www.immunologyclinic.com, which includes: Interactive multiple-choice questions for each chapter A database of colour images from the book A bank of case histories References and further reading Reviews from previous edition: "This is a very comprehensive book, and would serve postgraduates well in addition to students embarking on pathology...It is well written by people who know their subject well, and know what information it is important to convey...All the vital areas you might want to read up on are covered more than adequately." MAD, The Student Magazine for Medics & Dentists at Bart's and the London "I think that this is the best of the bunch...much more relevant to our course and a sound investment for the future." Sphincter, Liverpool Medical Students' Society Magazine Aimed at junior hospital doctors and general practitioners, the In Practice Series has been devised by RSM Press to present cutting-edge and clear-cut opinion leader advice and summary acts related to every day clinical practice. MRSA is an all too familiar acronym in use in most UK hospitals. MRSA was discovered in the 1960s however has not been a public cause for concern until the current pandemic started in the 1990s. It shows no signs of abating and the UK now has about the highest prevalence in Europe. It has captured the attention of the public and politicians but how important

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is it in clinical practice? How did it evolve, will it go away or get worse - will it really develop into the untreatable superbug? Is it more virulent than *Staphylococcus aureus*, what are its common clinical presentation and the best treatments? What are the best ways to control it if indeed we should bother? How much does it cost the NHS? Do we have any new strategies up our sleeves? These are just some of the intriguing questions that a distinguished panel of authors from around the world have tried to answer in this monograph. Some of the topics covered include: Historical perspectives - Ian Phillips (London) Immunology and pathogenesis of MRSA - Von Belkum (Rotterdam) Antibiotic resistance in MRSA - Giles Edwards (Glasgow) Evolution of MRSA - Mark Enright (London University) Epidemiology of MRSA - Vuopio-Varkila (Finland) Control of MRSA - Barry Cookson (London) Georgia Duckworth (London) & Hans Kolmos (Denmark) Treatment of MRSA - Ian Gould (Aberdeen) Decolonisation of MRSA patient - A Seaton (Glasgow) Laboratory aspects- developments in detection and AST - Donald Morrison (Glasgow) Alternative treatments - Tom Riley (Perth, Australia) MRSA in the home and on the farm - Vos + Vos (Nijmegen/Rotterdam) Mopping up MRSA - Stephanie Dancer (Glasgow) Guidance to control MRSA from the Royal College of Physicians of Edinburgh - D Baird (Glasgow) With its easily accessible approach, broken down into easy-to read chapters, the tips and useful advice of this text makes this a key text for all hospital practitioners. MRSA In Practice is a book that no health care professional can afford to be without.

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When caring for the well or ill child, recognising and responding to their anatomical and physiological differences is essential. *Fundamentals of Children's Anatomy and Physiology* provides child nursing students and registered nurses with a succinct but complete overview of the structure and function of the child's body, plus clinical applications throughout to demonstrate how the concepts relate to real-life nursing. Each chapter lists learning outcomes and includes clinical considerations, body maps, a range of high-quality illustrations and test-your-knowledge questions. The book is also accompanied by a companion website with further self-assessment and quizzes.

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

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prevention, and therapy of AIDS., This book keeps pace with the explosion of information and data in immunology, and adeptly refines, organizes, and presents this body of knowledge to serve as a succinct introduction to modern immunologic concepts for medical students, and as an update and refresher in the basics for researchers and clinicians. The (printed) 'Updated Edition' now comes with added value access to the complete, downloadable eBook version via Student Consult. Search, read and revise whilst on the move and use the interactive self-assessment to test your understanding. Crash Course - a more flexible, practical learning package than ever before. The (printed) 'Updated Edition' now comes with added value access to the complete, downloadable eBook version via Student Consult. Search, read and revise whilst on the move and use the interactive self-assessment to test your understanding. Crash Course - a more flexible, practical learning package than ever before. Crash Course - your effective every day study companion PLUS the perfect antidote for exam stress! Save time and be assured you have all the information you need in one place to excel on your course and achieve exam success. A winning formula now for over 15 years, each series volume has been fine tuned and fully updated, with an improved layout tailored to make your life easier. Especially written by senior medical students or

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recent graduates - those who have just been in the exam situation - with all information thoroughly checked and quality assured by expert faculty advisers, the result are books which exactly meet your needs and you know you can trust.

Commencing with 'Learning Objectives', every chapter guides you succinctly through the topic, giving full coverage of the curriculum whilst avoiding unnecessary and often confusing detail. A fully revised self-assessment section matching the latest exam formats is also included. This volume presents two of the fastest moving medical disciplines, immunology and haematology, where molecular discoveries rapidly translate into new diagnostic tests and treatments in everyday medicine. This book clearly relates the important underlying principles in these areas with the latest clinical applications.

MAXIMUM RETENTION--MINIMAL TIME "I wish I had a copy of this book during my microbiology course ... excellent for classroom studies during the first two years of medical school." -- Judy Vu, Third Year Medical Student, University of Utah School of Medicine "I really enjoyed 'pimping' friends with questions from this book as a review for Step 1." -- Pete Pelletier, Third Year Medical Student, University of Utah School of Medicine "This excellent book covers the material second year medical students need to study for exams. It could easily be

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used in a small group to review. 3 Stars."--Doody's Review Service
Deja Review: Microbiology and Immunology boils down your coursework to just the critical concepts you need to know for exam success. This unbeatable guide features a quick-read, two-column "flashcard" Q&A format--specifically designed to help you remember a large amount of pertinent information in the least amount of time possible. The format allows you to zero-in on only the correct answers to promote memory retention and get the most out of your study time. Great for last minute review of high-yield facts, Deja Review provides a straightforward way for you to assess your strengths and weaknesses so you can excel on your course exams and the USMLE Step 1. Active recall questions allow you to understand, not just memorize, the content. Clinical vignettes at the end of chapters prepare you for board-style questions. Portable size for study on the go--fits in your white coat pocket. Bookmark included to guide you through easy-to-use flashcard presentation.

Don't panic! "Crash Course" is here--that perfect set of lecture notes which no student ever really has the time to compile. These books deliver all of the information needed to get through a course or prepare for exams. Clear text covers the essential concepts of each discipline or specialty; learning features expedite mastery of the material; and

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review questions let readers assess their knowledge. With basic science books written by current medical students under faculty supervision, and clinical titles that pair senior specialists with doctors who have only recently begun training in the relevant field, Crash Course titles are designed to ideally meet the needs of today's medical students. Plus each of these titles includes complimentary access to www.studentconsult.com - where you'll find the full text of the book online...Integration Links to bonus content in other STUDENT CONSULT titles...and much more! Clear, concise, narrative-style text covers exactly what students need to know-no more, no less. Abundant two-color diagrams explain key concepts in an interesting visual way. Learning features such as "hints and tips" and "comprehension check" boxes simplify study. Multiple-choice and short-answer questions at the back of the books facilitate self assessment, and additional USMLE-style review questions are available to purchasers online at www.studentconsult.com.

A Historical Perspective on Evidence-Based Immunology focuses on the results of hypothesis-driven, controlled scientific experiments that have led to the current understanding of immunological principles. The text helps beginning students in biomedical disciplines understand the basis of immunologic knowledge, while also helping more

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advanced students gain further insights. The book serves as a crucial reference for researchers studying the evolution of ideas and scientific methods, including fundamental insights on immunologic tolerance, interactions of lymphocytes with antigen TCR and BCR, the generation of diversity and mechanism of tolerance of T cells and B cells, the first cytokines, the concept of autoimmunity, the identification of NK cells as a unique cell type, the structure of antibody molecules and identification of Fab and Fc regions, and dendritic cells. Provides a complete review of the hypothesis-driven, controlled scientific experiments that have led to our current understanding of immunological principles Explains the types of experiments that were performed and how the interpretation of the experiments altered the understanding of immunology Presents concepts such as the division of lymphocytes into functionally different populations in their historical context Includes fundamental insights on immunologic tolerance, interactions of lymphocytes with antigen TCR and BCR, and the generation of diversity and mechanism of tolerance of T and B cells

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