Immunology Journals Impact Factor 2011

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The field of oral microbiology has seen fundamental conceptual changes in recent years. Microbial communities are now seen as the fundamental etiological agent in oral diseases through their interface with host inflammatory responses. Study of structured microbial communities has increased our understanding of the roles of each member in the pathogenesis of oral diseases, principles that apply to both periodontitis and dental caries. Against this backdrop, the third edition of Oral Microbiology and Immunology has been substantially expanded and rewritten by an international team of authors and editors. Featured in the current edition are: links between oral infections and systemic disease revised and updated overview of the role of the immune system in oral infections thorough discussions of biofilm development and control more extensive illustrations and Key Points for student understanding Graduate students, researchers, and clinicians as well as students will find this new edition valuable in study and practice. The field of oral microbiology has seen fundamental conceptual changes in recent years. Microbial communities are now seen as the fundamental etiological agent in oral diseases through their interface with host inflammatory responses. Study of structured microbial communities has increased our understanding of the roles of each member in the pathogenesis of oral diseases, principles that apply to both periodontitis and dental caries. Against this backdrop, the third edition of Oral Microbiology and Immunology has been substantially expanded and rewritten by an international team of authors and editors. Featured in the current edition are: links between oral infections and systemic disease revised and updated overview of the role of the immune system in oral infections thorough discussions of biofilm development and control more extensive illustrations and Key Points for student understanding Graduate students, researchers, and clinicians as well as students will find this new edition valuable in study and practice.
We acknowledge the initiation and support of this Research Topic by the International Union of Immunological Societies (IUIS). We hereby state publicly that the IUIS has had no editorial input in articles included in this Research Topic, thus ensuring that all aspects of this Research Topic are evaluated objectively, unbiased by any specific policy or opinion of the IUIS.
Adult CCRN Certification Review, Second Edition is the perfect study guide for nurses preparing to take the Adult CCRN exam administered by the American Association of Critical-Care Nurses (AACN). First introduced in 1976, CCRN certification reflects expertise for nurses providing care to acutely or critically ill adults and their families in areas such as intensive and cardiac care units, trauma units, or critical care transport. Completely updated and revised, Adult CCRN Certification Review, Second Edition contains more than 1,200 questions with comprehensive rationales on a broad range of topics divided into sections similar to those found on the Adult CCRN Test Plan. New to this edition are sections on behavioral/psychosocial issues and special populations in critical care. Included with each new print book is an online Access Code for Navigate TestPrep, a dynamic and fully hosted online assessment tool designed to help nurses prepare for certification examinations by offering the book s questions, detailed rationales, and reporting. * Randomized questions from the book create new exams on each attempt * Monitors results on practice examinations with score and time tracking * Reporting tools evaluate progress and results
National Institute of Allergy and Infectious Diseases, NIH
Adult CCRN Certification Review
Issues in Immunology Research: 2011 Edition
An Epidemic of Absence
A Historic and Scientific Perspective
Clinical Periodontology and Implant Dentistry, 2 Volume Set

Published since 1953, Advances in Virus Research covers a diverse range of in-depth reviews providing a valuable overview of the current field of virology. The impact factor for 2008 is 4.886, placing it 4th in the highly competitive category of virology. * Contributions from leading authorities * Informs and updates on all the latest developments in the field
This eBook addresses the impact of prenatal exposure to alcohol, and Fetal Alcohol Spectrum Disorders (FASD). It presents a compilation of current research by leading experts in the field and serves as a guide to future directions in FASD research, interventions and treatment. the book includes a comprehensive compendium of our knowledge of the dangers of prenatal alcohol exposure and covers ways to screen and intervene with pregnant women, diagnosis and treatment to ameliorate the effects of prenatal alcohol exposure (through the lifespan), and other related issues, such as building a state infrastructure of health services and legislation. the eBook is intended as a textbook for graduate courses relevant to FASD.
Advances in Angioedema Research and Treatment: 2011 Edition is a ScholarlyPaper™ that delivers timely, authoritative, and intensively focused information about Angioedema in a compact format. The editors have built Advances in Angioedema Research and Treatment: 2011 Edition on the vast information databases of ScholarlyNews.™ You can expect the information about Angioedema in this eBook to be deeper than what you can access anywhere else, as well as consistently reliable, authoritative, informed, and relevant. The content of Advances in Angioedema Research and Treatment: 2011 Edition has been produced by the world's leading scientists, engineers, analysts, research institutions, and companies. All of the content is from peer-reviewed sources, and all of it is written, assembled, and edited by the editors at ScholarlyEditions™ and available exclusively from us. You now have a source you can cite with authority, confidence, and credibility. More information is available at http://www.ScholarlyEditions.com/.
As an internationally renowned specialist in childhood allergy and immunology, Prof. Susan Prescott takes us on a journey into the science behind the allergy epidemic. As both an allergy specialist working in a busy children's hospital and as a cutting edge research scientist, Prescott is perfectly placed to explore how and why we are experiencing an epidemic rise in allergic diseases, as well as the practical side of dealing with these potentially serious conditions. With clear, no-nonsense explanations and a very personable style, Prescott informs, assures, and educates in this book.
Pathways to Health Equity
Immunotherapy of Melanoma
Communities in Action
Evolving Trends in Kidney Cancer
Volume 1: Frontiers in Research
Veterinary Vaccines and Diagnostics

The second edition of Avian Immunology provides an up-to-date overview of the current knowledge of avian immunology. From the ontogeny of the avian immune system to practical application in vaccinology, the book encompasses all aspects of innate and adaptive immunity in chickens. In addition, chapters are devoted to the immunology of other commercially important species such as turkeys and ducks, and to ecoimmunology summarizing the knowledge of immune responses in free-living birds often in relation to reproductive success. The book contains a detailed description of the avian innate immune system, encompassing the mucosal, enteric, respiratory and reproductive systems. The diseases and disorders it covers include immunodepressive diseases and immune evasion, autoimmune diseases, and tumors of the immune system. Practical aspects of vaccination are examined as well. Extensive appendices summarize resources for scientists including cell lines, inbred chicken lines, cytokines, chemokines, and monoclonal antibodies. The world-wide importance of poultry protein for the human diet, as well as the threat of avian influenza pandemics like H5N1 and heavy reliance on vaccination to protect commercial flocks makes this book a vital resource. This book provides crucial information not only for poultry health professionals and avian biologists, but also for comparative and veterinary immunologists, graduate students and veterinary students with an interest in avian immunology. With contributions from 33 of the foremost international experts in the field, this book provides the most up-to-date review of avian immunology so far Contains a detailed description of the avian innate immune system reviewing constitutive barriers, chemical and cellular responses; it includes a comprehensive review of avian Toll-like receptors Contains a wide-ranging review of the "ecoimmunology" of free-living avian species, as applied to studies of population dynamics, and reviews methods and resources available for carrying out such research
Primary care practitioners are often the first medical professionals to see patients after an injury, making it critical for them to stay up to date on the latest developments in sports medicine. Musculoskeletal and Sports Medicine for the Primary Care Practitioner contains the most current information on major topics in sports science and clinical medicine. It is a valuable resource for primary care physicians and allied health professionals who practice, teach, and hold specialty certifications in sports medicine and related fields. The book discusses key concepts related to the diagnosis, treatment, and prevention of sports injuries. This edition adds new sections on pro-inflammatory treatments, field-side acupuncture, and brief musculoskeletal ultrasound as well as a new chapter on wellness and video illustrations of important musculoskeletal maneuvers at www.crcpress.com/9781482220117. The book follows the Strength of Recommendation Taxonomy (SORT), which addresses the quality, quantity, and consistency of evidence. It recommends levels of patient-oriented evidence to assist physicians in their diagnoses. Also included is a link to videos that demonstrate important musculoskeletal maneuvers used in sports medicine. As exercise and sports move beyond the realm of leisurely activity to a necessary component of good health, this book has become an important resource for all those involved in sports medicine.
Proceedings of the Third Jenner International Glycoimmunology meeting held in Il Ciocco, Tuscany, Italy, October 11-14, 1994
This richly illustrated and superbly organized text/atlas is an excellent point-of-care resource for practitioners at all levels of experience and training. Written by global leaders in the field, Imaging Anatomy: Brain and Spine provides a thorough understanding of the detailed normal anatomy that underlies contemporary imaging. This must-have reference employs a templated, highly formatted design; concise, bulleted text; and state-of- the-art images throughout that identify the clinical entities in each anatomic area. Features more than 2,500 high-resolution images throughout, including 7T MR, fMRI, diffusion tensor MRI, and multidetector row CT images in many planes, combined with over 300 correlative full-color anatomic drawings that show human anatomy in the projections that radiologists use. Covers only the brain and spine, presenting multiplanar normal imaging anatomy in all pertinent modalities for an unsurpassed, comprehensive point-of-care clinical reference. Incorporates recent, stunning advances in imaging such as 7T and functional MR imaging, surface and segmented anatomy, single-photon emission computed tomography (SPECT) scans, dopamine transporter (DAT) scans, and 3D quantitative volumetric scans. Places 7T MR images alongside 3T MR images to highlight the benefits of using 7T MR imaging as it becomes more widely available in the future. Presents essential text in an easy-to-digest, bulleted format, enabling imaging specialists to find quick answers to anatomy questions encountered in daily practice.
Familial Mediterranean Fever (FMF)
Nutrition and Diet Therapy
The Journal of Infectious Diseases
Basics

Genetic Skin Diseases: Advances in Research and Treatment: 2011 Edition

The Advances in Parasitology series contains in-depth reviews on current topics of interest in contemporary parasitology. It includes medical studies on parasites of major influence, such as trypanosomiasis and scabies, and more traditional areas, such as zoology, taxonomy, and life history, which shape current thinking and applications. Series has the second highest ISI impact factor in the parasitology group! (4.818 in 2002) Contributors are international experts in the field
Clinical Immunology not only introduces the reader to the human immune system, it also covers immunology from clinical manifestation to therapeutic approaches in a wide range of conditions. Each chapter describes an introduction, the clinical manifestations, the immunopathogenesis, diagnosis, lab tests and therapeutic approaches. The book guides clinicians, researchers and students to a better understanding of the matters of immunologic-based diseases that can lead to better decision-making for patients. Because of the growing knowledge regarding the function of immune system in health and disease conditions, clinicians, researchers and students increasingly require an exclusive scientific reference to guide them on matters of immunologic-based diseases. Accordingly, despite the existence of numerous high quality references in basic and cellular/molecular immunology which deeply explain different immunologic mechanisms, there is still a knowledge gap in the field of clinical immunology. Provides essentials, updates clinical knowledge regarding immune system diseases, and cover different aspects of clinical immunology, from immunopathogenesis and etiology to diagnosis and treatment Introduces the most advanced approaches and laboratory tests as well as their interpretation in the diagnosis of immune system disorders Focuses on the practical use of clinical immunology, from bedside to bench and vice versa
Atopic dermatitis (eczema) is one of the most common and most challenging skin conditions, for patients and practitioners alike. Uniquely organized by intrinsic and extrinsic etiologies, Atopic Dermatitis: Inside Out or Outside In? examines a myriad of causes that start from both the inside of the body and from the external environment, offering physicians practical ways to design treatments that specifically address these causes. Drs. Lawrence S. Chan and Vivian Y. Shi, along with a team of expert contributing authors, examine the etiology of this complex disorder and provide targeted, comprehensive solutions and the most useful therapeutic plans based on pathophysiology, including evidence-based integrative management. Analyzes the pathophysiology of atopic dermatitis from two distinct fronts: inside out and outside in—an approach that is unique in the field. Begins with an overview of the disease, then delves into both internal and external pathogenic factors, followed by the Clinician's Corner, which offers practical recommendations for treatment. Organizes therapeutic discussions by corresponding pathophysiology rather than a one-size-fits-all approach. Covers recently FDA-approved and emerging medications, as well as atopic comorbidities.
Familial Mediterranean Fever (FMF) is one of the most common genetic diseases in the world with more than 500,000 patients. Most are concentrated in Turkey, Israel, Armenia and other countries in the Mediterranean basin, however due to population migration FMF patients have been identified virtually in every country around the globe. With the increasing awareness of FMF and other autoinflammatory diseases in a wider geography, information concerning new disease associations, genotype-phenotype relations, effect of environmental factors, new treatment modalities, and recent advances in the pathogenesis have been accumulated. After being diagnosed with the disease, a disease for life, patients are left with many questions regarding their disease. This book encompasses all possible aspects of the disease, symptoms, clinical and genetic diagnosis, treatment, complications as well as a personal point of view from the patient's side in coping with the disease. The book is detailed and comprehensive so that it could also be a great value for medical staff, physicians and nurses interested in learning more details about the disease. Provides answers by medical experts to critical real world questions Gives an overview and an update on FMF Shows that FMF is not restricted to Mediterranean countries, and the lack of diagnosis in other areas of the world is probably due to a lack of awareness of this fascinating disease Raises the awareness of physicians regarding this disease so that patients can obtain the correct diagnosis and receive the appropriate treatment
Avian Immunology
Essential Immunology for Surgeons
Basic Science and Clinical Applications
RNA Helicases
ScholarlyPaper
Prenatal Alcohol Use and Fetal Alcohol Spectrum Disorders: Diagnosis, Assessment and New Directions in Research and Multimodal Treatment

This volume of Methods in Enzymology aims to provide a reference for the diverse, powerful tools used to analyze RNA helicases. The contributions in this volume cover the broad scope of methods in the research on these enzymes. Several chapters describe quantitative biophysical and biochemical approaches to study molecular mechanisms and conformational changes of RNA helicases. Further chapters cover structural analysis, examination of co-factor effects on several representative examples, and the analysis of cellular functions of select enzymes. Two chapters outline approaches to the analysis of inhibitors that target RNA helicases. This volume of Methods in Enzymology aims to provide a reference for the diverse, powerful tools used to analyze RNA helicases The contributions in this volume cover the broad scope of methods in the research on these enzymes
Primary Immunodeficiency Disorders: A Historic and Scientific Perspective provides a complete historical context that is crucial for students and researchers concerned with primary immunodeficiency. When researchers have a poor understanding of the way we arrived where we are in research, they can miss important points about a disease, or miss out on how to approach new diseases. This historical knowledge of research can assist greatly by showing how it was done in the past, demonstrating the successes and failures, so that it can be done better in the future. This book provides an understanding of the process going from clinical problem to lab and back to the clinic, based on historical experiences. Its chapters proceed from the discovery of the T and B cell lineages through the first BMT for immunodeficiency disorder; lab investigation and gene therapy for PID; the discovery of the gene for AT and its function; understanding cytokine defects; and many other stops along the way. Facilitates communication among physicians and other investigators concerned with immunological and inflammatory diseases Summarizes for the first time all the known facts from 60 years of primary immunodeficiency research, and teaches how an important field in medicine was established Provides stimulating discussions on developing new medical therapies Highlights the importance of studying humans to understand mechanisms of disease that affect humans
A controversial, revisionist approach to autoimmune and allergic disorders considers the perspective that the human immune system has been disabled by 20th-century hygiene and medical practices, exploring promising experimentations through which beneficial parasites have been strategically reintroduced to autoimmune patients.
Genetic Skin Diseases: Advances in Research and Treatment: 2011 Edition is a ScholarlyPaper™ that delivers timely, authoritative, and intensively focused information about Genetic Skin Diseases in a compact format. The editors have built Genetic Skin Diseases: Advances in Research and Treatment: 2011 Edition on the vast information databases of ScholarlyNews.™ You can expect the information about Genetic Skin Diseases in this eBook to be deeper than what you can access anywhere else, as well as consistently reliable, authoritative, informed, and relevant. The content of Genetic Skin Diseases: Advances in Research and Treatment: 2011 Edition has been produced by the world ' s leading scientists, engineers, analysts, research institutions, and companies. All of the content is from peer-reviewed sources, and all of it is written, assembled, and edited by the editors at ScholarlyEditions™ and available exclusively from us. You now have a source you can cite with authority, confidence, and credibility. More information is available at http://www.ScholarlyEditions.com/.
Imaging Anatomy Brain and Spine, E-Book
Nutrition and Physical Activity in Inflammatory Diseases
Computational Immunology
Official Publication of the Infectious Diseases Society of America
The Allergy Epidemic
Current Protocols in Bioinformatics

Now in its sixth edition, Clinical Periodontology and Implant Dentistry is the must-have resource for practitioners specialising in periodontal care and implant dentistry. The chapters have been extensively revised with 40% of the content new to this edition. Maintaining the widely praised two-volume format introduced in the previous edition, the editorial team has once again brought together the world's top international specialists to share their expertise on all aspects of periodontology, periodontal health and the use of implants in the rehabilitation of the periodontally compromised patient. Seamlessly integrating foundational science, practical clinical protocols, and recent advances in the field, Clinical Periodontology and Implant Dentistry, Sixth Edition enhances its stellar reputation as the cornerstone reference work on periodontology.
Issues in Immunology Research / 2011 Edition is a ScholarlyEditions™ eBook that delivers timely, authoritative, and comprehensive information about Immunology Research. The editors have built Issues in Immunology Research: 2011 Edition on the vast information databases of ScholarlyNews.™ You can expect the information about Immunology Research in this eBook to be deeper than what you can access anywhere else, as well as consistently reliable, authoritative, informed, and relevant. The content of Issues in Immunology Research: 2011 Edition has been produced by the world's leading scientists, engineers, analysts, research institutions, and companies. All of the content is from peer-reviewed sources, and all of it is written, assembled, and edited by the editors at ScholarlyEditions™ and available exclusively from us. You now have a source you can cite with authority, confidence, and credibility. More information is available at http://www.ScholarlyEditions.com/.
This volume of Advances in Veterinary Medicine, derived in part from the First Veterinary Vaccines and Diagnostic Conferences, deals with vaccines, an especially active area of veterinary research and controversy.
The immune system is highly complex system with large number of macromolecules, signaling pathways, protein-protein interactions, and gene expressions. Studies from genomics, transcriptomics, metabolomics are generating huge high throughput data that needs to be analyzed for understanding the Immune system in Health and Disease. Computational approaches arehelping in understanding the study of complex biology of immunology and thereby enabling design of therapeutic strategies in diseases like infectious diseases, immunodeficiency, allergic, hypersensitive, autoimmune disorders and diseases like Cancer, HIV etc. Computational Immunology: Basics highlights the basics of the immune system and function in health and disease. This book offers comprehensive coverage of the most essential topics, including Overview of Immunology and computational Immunology Immune organs and cells, antigen, antibody, B, cell, T cell Antigen Processing and presentation Diseases due to abnormalities of the immune system Cancer Biology Shyamasree Ghosh (MSc, PhD, PGDHE, PGDBI), is currently working in the School of Biological Sciences, National Institute of Science Education and Research (NISER), Bhubaneswar, DAE, Govt of India, graduated from the prestigious Presidency College Kolkata in 1998. She was awarded the prestigious National Scholarship from the Government of India. She has worked and published extensively in glycobiology, sialic acids, immunology, stem cells and nanotechnology. She has authored several publications that include books and encyclopedia chapters in reputed journals and books.
Advances in Angioedema Research and Treatment: 2011 Edition
Atopic Dermatitis: Inside Out or Outside In - E-Book
A New Way of Understanding Allergies and Autoimmune Diseases
Advances in Parasitology
Primary Immunodeficiency Disorders
The Integrated Study of Infections, Immunology, Ecology, and Genetics

This book focusses on the different types of immunotherapeutics that are currently being used and developed for the treatment of melanoma. In recent years, immunotherapy has revolutionized the treatment of metastatic melanoma and other types of cancer. Discussing treatment options for melanoma and the success of immunotherapy along with the challenges of immunotherapy, this book covers epidemiology, susceptibility genes, and treatment recommendations from Society for Immunotherapy of Cancer, as well as immune based therapies such as aldesleukin, Intron-A, Sylatron, Yervoy, Opdivo, Keytruda, Imlygic, DC vaccines and adoptive cell therapy. The detailed information included on the key immune cells involved in anti-tumor immune response and immune-inhibitory mechanisms in tumor microenvironment will aid the understanding of tumor immunology. Both academic as well as industry-based researchers, developing novel anti-cancer therapies, will also benefit from the details of promising molecular targets and immunotherapeutic strategies under investigation. With 132 illustrations including synopsis tables for important information, over 1200 references (majority of which are openly accessible) and details of more than 150 ongoing clinical trials, this book is a valuable source of information for health care providers as well as cancer biologists interested in learning about melanoma and the significant advances made by immunotherapy.
Certain nutrients and physical activity can significantly alter immune function and inflammation. Targeted interventions may be an effective and inexpensive means to improve the inflammation and immune dysfunction associated with chronic diseases. This book defines the relevant underlying biological mechanisms and strengthens our understanding of how nutrients and physical activity impact inflammatory diseases. A useful reference for researchers and students of nutrition, physiology and sports science, it explores the unique aspects of inflammation induced by nutritional deficiencies or activity levels, and their interrelationship.
In the United States, some populations suffer from far greater disparities in health than others. Those disparities are caused not only by fundamental differences in health status across segments of the population, but also because of inequities in factors that impact health status, so-called determinants of health. Only part of an individual's health status depends on his or her behavior and choice; community-wide problems like poverty, unemployment, poor education, inadequate housing, poor public transportation, interpersonal violence, and decaying neighborhoods also contribute to health inequities, as well as the historic and ongoing interplay of structures, policies, and norms that shape lives. When these factors are not optimal in a community, it does not mean they are intractable: such inequities can be mitigated by social policies that can shape health in powerful ways. Communities in Action: Pathways to Health Equity seeks to delineate the causes of and the solutions to health inequities in the United States. This report focuses on what communities can do to promote health equity, what actions are needed by the many and varied stakeholders that are part of communities or support them, as well as the root causes and structural barriers that need to be overcome.
Parasites and infectious diseases are everywhere and represent some of the most potent forces shaping the natural world. They affect almost every aspect imaginable in the life of their hosts, even as far as the structure of entire ecosystems. Hosts, in turn, have evolved complex defences, with immune systems being among the most sophisticated processes known in nature. In response, parasites have again found ways to manipulate and exploit their hosts. Ever since life began, hosts and parasites have taken part in this relentless co-evolutionary struggle with far-reaching consequences for us all. Today, concepts borrowed from evolution, ecology, parasitology, and immunology have formed a new synthesis for the study of host-parasite interactions. Evolutionary parasitology builds on these established fields of scientific enquiry but also includes some of the most successful inter-disciplinary areas of modern biology such as evolutionary epidemiology and ecological immunology. The first edition of this innovative text quickly became the standard reference text for this new discipline. Since then, the field has progressed rapidly and an update is now required. This new edition has been thoroughly revised to provide a state-of-the-art overview, from the molecular bases to adaptive strategies and their ecological and evolutionary consequences. It includes completely new material on topics such as microbiota, evolutionary genomics, phylodynamics, within-host evolution, epidemiology, disease spaces, and emergent diseases. Evolutionary Parasitology is suitable for advanced undergraduates, graduate level students, and interdisciplinary researchers from a variety of fields including immunology, genetics, sexual selection, population ecology, behavioural ecology, epidemiology, and evolutionary biology. Those studying and working in adjacent fields such as conservation biology, virology, medicine, and public health will also find it an invaluable resource for connecting to the bases of their science.
Evolutionary Parasitology
Adverse Effects of Vaccines
Free Radicals in Biology and Medicine
The Immunology of Sepsis – Understanding Host Susceptibility, Pathogenesis of Disease, and Avenues for Future Treatment
Adult Ccrn Certification Review
Clinical Immunology

Free Radicals in Biology and Medicine has become a classic text in the field of free radical and antioxidant research. Now in its fifth edition, the book has been comprehensively rewritten and updated whilst maintaining the clarity of its predecessors. Two new chapters discuss 'in vivo' and 'dietary' antioxidants, the first emphasising the role of peroxiredoxins and integrated defence mechanisms which allow useful roles for ROS, and the second containing new information on the role of fruits, vegetables, and vitamins in health and disease. This new edition also contains expanded coverage of the mechanisms of oxidative damage to lipids, DNA, and proteins (and the repair of such damage), and the roles played by reactive species in signal transduction, cell survival, death, human reproduction, defence mechanisms of animals and plants against pathogens, and other important biological events. The methodologies available to measure reactive species and oxidative damage (and their potential pitfalls) have been fully updated, as have the topics of phagocyte ROS production, NADPH oxidase enzymes, and toxicology. There is a detailed and critical evaluation of the role of free radicals and other reactive species in human diseases, especially cancer, cardiovascular, chronic inflammatory and neurodegenerative diseases. New aspects of ageing are discussed in the context of the free radical theory of ageing. This book is recommended as a comprehensive introduction to the field for students, educators, clinicians, and researchers. It will also be an invaluable companion to all those interested in the role of free radicals in the life and biomedical sciences.
Issues in Immunology Research: 2011 EditionScholarlyEditions
NUTRITION AND DIET THERAPY, 9th Edition, is unique in its organization by diets rather than by organ systems or disease states and distinguishes itself through rich pedagogical features that require students to apply their knowledge as they learn it. This text provides core nutrition concepts and up-to-date clinical content at a level that is accessible to the range of health care team members who are responsible for a client's nutrition needs. NUTRITION AND DIET THERAPY provides the basic facts and a wealth of practical information readers need to assume their responsibility for nutrition care. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.
Inflammation and Immunity in Depression: Basic Science and Clinical Applications is the first book to move beyond the established theory of cytokine-induced depression and explore the broader role the immune system plays in this devastating mood disorder. The book fully explores the most recent lines of research into this rapidly advancing field, including alterations of T-cells, the neurobiological implications of neuroinflammation and immune alterations for brain development and function, and the genetic components of neuroinflammation in depression, including the relationships between stress and inflammation that are revealing gene-environment interactions in the disorder. Combining contributions from researchers worldwide, this book provides the most comprehensive discussion available today on the involvement of the innate immune and adaptive immune systems in depressive disorder. Chapters span neuroscience, psychology, clinical applications and future directions, making this book an invaluable resource for advanced students, researchers and practitioners who need to understand the complex and varied role of inflammation and immune responses in depression. Synthesizes current knowledge of inflammation and immunity in depression, ranging from basic neuroscience research, to clinical applications in psychiatry Expands on the long-established theory of cytokine-induced depression to discuss broader involvement of the immune system Explores translational potential of targeting immune dysfunction for clinical interventions
Encyclopedia of Virology
Glycoimmunology
Evidence and Causality
Oral Microbiology and Immunology
Comic Opera in Three Acts
Advances in Virus Research

*An integrated view of the principal aspects of immune response to all types of infectious agents, emphasizing the immune system as a host defense system. * Illustrates how the dialogue between different types of pathogens and the host immune system, as well as the cross-talk between the different members of the immune response, works. * Serves as valuable reading for microbiologists interested in pathogenesis and immunology; clinicians with an interest in immunology, virology, vaccine development, infectious diseases, bacteriology, parasitology, pathology, and cell biology; and immunologists wanting to expand their knowledge of infectious diseases and their causative agents.*
Kidney cancer imposes a significant cancer burden and its incidence continues to rise globally. Mortality in advanced kidney cancer remains high despite oncological, surgical and multimodal optimisation. Genetic associations, heterogeneity and limitations in early diagnosis through lack of optimal biomarkers add to the challenges. Over the last two decades there has been an exponential increase in diagnostic and therapeutic advances in the management of kidney cancer. The coupling of scientific advances in engineering and technology with oncological therapeutics has recently ushered a renewed optimism. The role of minimally invasive approaches through focal therapy and surgical extirpation using the robotic platform has been unprecedented and paramount. Virtual augmentation and mixed reality platforms have proved useful supplementary tools in surgical planning. The role of surgical simulation and training in development of surgeons with the optimal skill set is essential to provide optimal care. This book is the first in a series that explores the evolving trends in kidney cancer. The focus of the book is broad and includes topics ranging from immunotherapy to surgical simulation. Some chapters explore leading edge concepts while others capture the evolving trends and future concepts. The Editors aim to stimulate the readers to explore the key concepts and to encourage research and innovation along the main themes presented.
Encyclopedia of Virology, Fourth Edition, builds on the solid foundation laid by the previous editions, expanding its reach with new and timely topics. In five volumes, the work provides comprehensive coverage of the whole virosphere, making this a unique resource. Content explores viruses present in the environment and the pathogenic viruses of humans, animals, plants and microorganisms. Key areas and concepts concerning virus classification, structure, epidemiology, pathogenesis, diagnosis, treatment and prevention are discussed, guiding the reader through chapters that are presented at an accessible level, and include further readings for those needing more specific information. More than ever now, with the Covid19 pandemic, we are seeing the huge impact viruses have on our life and society. This encyclopedia is a must-have resource for scientists and practitioners, and a great source of information for the wider public. Offers students and researchers a one-stop shop for information on virology not easily available elsewhere Fills a critical gap of information in a field that has seen significant progress in recent years Authored and edited by recognized experts in the field, with a range of different expertise, thus ensuring a high-quality standard
*Adult CCRN Certification Review, Second Edition is the perfect study guide for nurses preparing to take the Adult CCRN exam administered by the American Association of Critical-Care Nurses (AACN). First introduced in 1976, CCRN certification reflects expertise for nurses providing care to acutely or critically ill adults and their families in areas such as intensive and cardiac care units, trauma units, or critical care transport. Completely updated and revised, Adult CCRN Certification Review, Second Edition contains more than 1,200 questions with comprehensive rationales on a broad range of topics divided into sections similar to those found on the Adult CCRN Test Plan. New to this edition are sections on behavioral/psychosocial issues and special populations in critical care. Included with each new print book is an online Access Code for Navigate TestPrep, a dynamic and fully hosted online assessment tool designed to help nurses prepare for certification examinations by offering the book's questions, detailed rationales, and reporting. * Randomized questions from the book create new exams on each attempt * Monitors results on practice examinations with score and time tracking * Reporting tools evaluate progress and results*
Musculoskeletal and Sports Medicine For The Primary Care Practitioner, Fourth Edition
Inflammation and Immunity in Depression
The Grand Duchess of Gerolstein
Immunology of Infectious Diseases
A Mystery of Modern Life

In 1900, for every 1,000 babies born in the United States, 100 would die before their first birthday, often due to infectious diseases. Today, vaccines exist for many viral and bacterial diseases. The National Childhood Vaccine Injury Act, passed in 1986, was intended to bolster vaccine research and development through the federal coordination of vaccine initiatives and to provide relief to vaccine manufacturers facing financial burdens. The legislation also intended to address concerns about the safety of vaccines by instituting a compensation program, setting up a passive surveillance system for vaccine adverse events, and by providing information to consumers. A key component of the legislation required the U.S. Department of Health and Human Services to collaborate with the Institute of Medicine to assess concerns about the safety of vaccines and potential adverse events, especially in children. Adverse Effects of Vaccines reviews the epidemiological, clinical, and biological evidence regarding adverse health events associated with specific vaccines covered by the National Vaccine Injury Compensation Program (VICP), including the varicella zoster vaccine, influenza vaccines, the hepatitis B vaccine, and the human papillomavirus vaccine, among others. For each possible adverse event, the report reviews peer-reviewed primary studies, summarizes their findings, and evaluates the epidemiological, clinical, and biological evidence. It finds that while no vaccine is 100 percent safe, very few adverse events are shown to be caused by vaccines. In addition, the evidence shows that vaccines do not cause several conditions. For example, the MMR vaccine is not associated with autism or childhood diabetes. Also, the DTaP vaccine is not associated with diabetes and the influenza vaccine given as a shot does not exacerbate asthma. Adverse Effects of Vaccines will be of special interest to the National Vaccine Program Office, the VICP, the Centers for Disease Control and Prevention, vaccine safety researchers and manufacturers, parents, caregivers, and health professionals in the private and public sectors.
For over 50 years, the mission of the National Institute of Allergy and Infectious Diseases (NIAID) has been to conduct and support basic and applied research to better understand, treat, and prevent infectious, immunologic, and allergic diseases with the ultimate goal of improving the health of individuals in the United States and around the world. As part of its mission to foster biomedical discovery and to reduce the burden of human disease, NIAID is committed to encouraging the accelerated translation of biomedical discoveries into effective clinical care and public health practice throughout the world. In pursuit of this goal and its disease-specific scientific objectives, NIAID seeks to broaden research opportunities and collaborations involving scientists and institutions outside the United States. National Institute of Allergy and Infectious Diseases, NIH: Volume 1, Frontiers in Research contains presentations given at the 2006 NIAID Research Conference held in Opatija, Croatia which brought internationally known researchers from the United States and Central and Eastern Europe to focus together on shared interests in microbiology, infectious disease, HIV/AIDS, and basic and clinical immunology. Some of the topics covered include emerging and re-emerging infections, the development of infectious disease prophylactics and therapeutics, drug resistance, and various topics in immunomodulation, autoimmunity, infections and immunity, and the development of vaccines. Extensive and in-depth, National Institute of Allergy and Infectious Diseases, NIH: Volume 1, Frontiers in Research is a valuable, comprehensive guide to the state of research today.