

Bologna Dermatology Rklein De

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It is your unconditionally own become old to perform reviewing habit. in the midst of guides you could enjoy now is **Bologna Dermatology Rklein De** below.

Trends in Biomaterials Research - Patrick J. Pannone 2007

Biomaterials serve as synthetic or natural materials used to replace parts of living systems or to enhance contact with living tissue. Biomaterials are intended to interface with biological systems to evaluate, treat, augment or replace any tissue, organ or function of the body. A biomaterial is different from a biological material such as bone that is produced by a biological system. Artificial hips, vascular stents, artificial pacemakers, and catheters are all made from different biomaterials and comprise different medical devices. This book presents new approaches to biomaterial development including multi-field bone remodeling, novel strategies for conferring antibacterial properties to bone cement, polyacrylonitrile-based biomaterials for enzyme immobilisation and functionalised magnetic nanoparticles for tissue engineering.

Antioxidants in Health and Disease - Antonis Zampelas 2015-06-09

Antioxidant use in health promotion and disease prevention either through dietary intake or supplementation is controversial. This book reviews the latest evidence-based research in the area, principally through prospective cohort studies and randomized controlled trials. It assesses major dietary antioxidants and discusses their use in diseases such as cancer, diabetes, stroke, coronary heart disease, HIV/AIDS, and neurodegenerative and immune diseases. The use of antioxidants in health is also discussed along with common adverse effects associated with antioxidant use.

[The Evolution of Hominin Diets](#) - Jean-Jacques Hublin 2009-05-15

Michael P. Richards and Jean-Jacques Hublin The study of hominin diets, and especially how they have (primates, modern humans), (2) faunal and plant studies, (3) evolved throughout time, has long been a core research archaeology and paleoanthropology, and (4) isotopic studies. area in archaeology and paleoanthropology, but it is also This volume therefore presents research articles by most of becoming an important research area in other fields such as these participants that are mainly based on their presentations primatology, nutrition science, and evolutionary medicine. at the symposium. As can hopefully be seen in the volume, Although this is a fundamental research topic, much of the these papers provide important reviews of the current research research continues to be undertaken by specialists and there in these areas, as well as often present new research on dietary is, with some notable exceptions (e. g. , Stanford and Bunn, evolution. 2001; Ungar and Teaford, 2002; Ungar, 2007) relatively lit- In the section on modern studies Hohmann provides a tle interaction with other researchers in other fields. This is review of the diets of non-human primates, including an unfortunate, as recently it has appeared that different lines interesting discussion of the role of food-sharing amongst of evidence are causing similar conclusions about the major these primates. Snodgrass, Leonard, and Roberston provide issues of hominid dietary evolution (i. e.

ECEL 2020 19th European Conference on e-Learning - Prof. Dr.-Ing. Carsten Busc, 2020-10-29

Cutaneous Manifestations of Child Abuse and Their Differential Diagnosis - Robert A.C. Bilo 2012-08-29

The interpretation of skin lesions in children that may be due to abuse is often not straightforward, and many reports have been published on dermatological disorders and accidental injuries that were unjustly regarded as signs of child abuse. This book describes in detail the cutaneous manifestations of the physical abuse of children and devotes particular attention to differential diagnosis. Careful guidance is provided on the optimal evaluation of children presenting with findings potentially attributable to abuse. The numerous images and detailed background information will develop the ability of the reader to assess and interpret

the clinical signs of abuse, and to distinguish these signs from other causes of injury, such as accidents and self-mutilation, and dermatological disorders. "Cutaneous Manifestations of Child Abuse" will be invaluable for pediatric dermatologists, pediatricians, forensic experts, and others who deal with the physical abuse of children.

Machine Learning for Health Informatics - Andreas Holzinger 2016-12-09

Machine learning (ML) is the fastest growing field in computer science, and Health Informatics (HI) is amongst the greatest application challenges, providing future benefits in improved medical diagnoses, disease analyses, and pharmaceutical development. However, successful ML for HI needs a concerted effort, fostering integrative research between experts ranging from diverse disciplines from data science to visualization. Tackling complex challenges needs both disciplinary excellence and cross-disciplinary networking without any boundaries. Following the HCI-KDD approach, in combining the best of two worlds, it is aimed to support human intelligence with machine intelligence. This state-of-the-art survey is an output of the international HCI-KDD expert network and features 22 carefully selected and peer-reviewed chapters on hot topics in machine learning for health informatics; they discuss open problems and future challenges in order to stimulate further research and international progress in this field.

Carcinogenic Potency Database : President's Cancer Panel Conference on Avoidable Causes of Cancer - 1995

Dermatological Phototherapy and Photodiagnostic Methods - Jean Krutmann 2013-03-14

This book is the most up-to-date publication on photodiagnostic and phototherapeutic methods used in dermatology. Edited by international experts in the field, it offers comprehensive information on every aspect of Photodiagnosics and Phototherapy. The book focuses on the clinical aspects: detailed descriptions of photo- and photochemotherapy for the treatment of selected diseases as well as standardized test protocols for photodermatoses and for the diagnosis of skin tumors are presented. The clinically oriented chapters are supplemented by practical guidelines for phototherapy and information about basic principles of photobiology.

Practical Pediatric Dermatology - Arnold P. Oranje 2016-07-25

This book presents a selection of controversial issues of practical importance in pediatric dermatology with the aim of enabling the reader to adopt a well-balanced and evidence-based approach to the management of dermatological disorders encountered during childhood. It is not, therefore, structured according to a basic disease classification; rather it addresses a series of dilemmas in the diagnosis and treatment of a wide range of conditions, including inflammatory disorders, tumors, immune and autoimmune disorders. In addition to areas of debate in the management of individual conditions, controversies in the use of particular types of treatment, for example retinoids, cyclosporin, acyclovir, and laser therapy, are considered and relevant psychological aspects are discussed. Practical Pediatric Dermatology will assist pediatricians and dermatologists in decision making during daily clinical practice.

Catalog [electronic Resource]; 1999/2000 - Amherst College 2021-09-09

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work is important enough to be preserved, reproduced, and made generally available to the public. To ensure a quality reading experience, this work has been proofread and republished using a format that seamlessly blends the original graphical elements with text in an easy-to-read typeface. We appreciate your support of the preservation process, and thank you for being an important part of keeping this knowledge alive and relevant.

Light-Based Therapies for Skin of Color - Elma Baron 2009-06-12

Light-based therapies have been a major component of dermatologic practice. Historically, these treatment modalities have been mainly tailored to the treatment of patients with light skin. Principles governing use of light therapies in skin of color are less defined. However, there is a tremendous need to understand the benefits and limitations of these therapeutic options for dark-skinned patients as well. Demographic data in the United States alone indicate that the population and recipients of health care are rapidly changing with regard to skin phototype. Physicians who are involved in the delivery of care for patients with cutaneous problems that can be addressed by light treatments need to be able to fully understand the mechanisms, applications, risks, efficacy, adverse events, and other pertinent issues in considering treatment options for their patients with pigmented skin.

Essentials of Regional Anesthesia - Alan David Kaye 2018-03-28

The management of pain can often be achieved by medications, physical therapies, or by various procedural techniques that have evolved in recent decades. With the trend towards more outpatient surgeries and less invasive surgeries to decrease perioperative risk, perioperative time, and costs, the practice of anesthesia is evolving to utilize regional anesthesia techniques both for inpatients and outpatients. Regional anesthesia is being performed for outpatient surgeries, obstetric anesthesia, trauma, chronic pain states, and for acute post-operative pain management. Therefore, it is paramount for physicians and nurses practicing anesthesia to understand the essentials of regional anesthesia, its evolving techniques, and appropriate utilization of modern equipment and technology to provide care safely. *Essentials of Regional Anesthesia*, Second edition, is a concise, up-to-date, evidence-based handbook that enables every resident, physician and nurse to understand the basics of regional anesthesia and the standard of care guidelines for the practice of regional anesthesia in a comprehensive fashion. This new edition includes: · Updated and new chapters on Ambulatory, Critical Care, and Obstetrics topics · Full color, clear, detailed, anatomic drawings · Clinically relevant, practical aspects of regional anesthesia · International contributing authors who are experts in their field · Latest ultrasound techniques and images Review of 1st edition: "There are many books available on regional anesthesia, and the trend is either to focus on illustrations, forgoing any discussion, or on text descriptions, making them bulky and hard to read. This book maintains that perfect balance between text and illustrations. It is truly a master companion book on regional anesthesia." (Tariq M. Malik, Doody's Book Reviews, April, 2012)

Sex Matters - Mindy Stompler 2019

Overcoming Antimicrobial Resistance of the Skin - Stephen K. Tyring 2021-05-07

This book is a thorough, practical review of the challenges facing clinicians treating skin microbes and how to combat these therapeutic dilemmas. It expresses the critical public health concern of antimicrobial resistance and shows how microorganisms are developing the ability to halt the progress of antimicrobials like antibiotics, antivirals, and antifungals. Chapters are grouped together in five sections for ease of use. The first three sections of the book convey foundational information on the mechanisms of antibiotics, antivirals, and antifungals resistance, as well as the implications of lack of vaccination. The fourth section then turns to the specifics of drug resistance for protozoan and helminth infections focusing primarily on initial and subsequent resistance to treatment. The book closes with a discussion on the potential solutions of innovative therapy including new delivery mechanisms, broad-spectrum antibiotics, phytochemicals, and biofilms. Chapters feature magnified, microscopic photos for identifying structures as they appear on the skin. Part of the *Updates in Clinical Dermatology* series, *Overcoming Antimicrobial Resistance of the Skin* is an important resource relevant during the COVID-19 pandemic, and is written for all medical healthcare professionals.

The Who's who of Nobel Prize Winners, 1901-2000 - Louise S. Sherby 2002

The *Who's Who of Nobel Prize Winners* is a one-stop source of detailed information on the men and women who earned the Nobel Prize during the 20th century. Organized chronologically by prize, each extensive article contains in-depth information on the laureate's life and career as well as a selected list of his or her publications and biographical resources on the individual. A concise commentary explains why the laureate received the award and summarizes the individual's other important achievements. This completely updated edition also contains a history of the prize. Four indexes distinguish this title from similar biographical references and enable researchers to search by name, education, nationality or citizenship, and religion.

Index Veterinarius - 2007

Cutaneous Lupus Erythematosus - Annegret Kuhn 2005-12-05

- Based on multidisciplinary knowledge and written by leading clinicians and scientists. - Includes chapters on classification and clinical aspects, pathologic features, and treatment and management of lupus erythematosus. - Although the lupus erythematosus is primarily a skin disease, because it can affect other areas such as joints, kidneys, lungs, heart, liver, brain, and blood vessels this book is also useful to specialists in internal medicine.

Handbook of hair in health and disease - Victor R. Preedy 2012-05-23

Hair is a major component of the body's tissue system that contributes to the individual's make up and confers a large degree of personal identity. Apart from its visible façade, hair also has a functional role. It has a unique structure and complex molecular development. The very nature of hair makes it a suitable marker for the prognosis of disease. Hair can also be used to screen for toxins and changes in the diet. However, there are currently no suitable publications available that describe hair in a rational scientific context. This handbook provides an academic approach to hair in health and disease. Divided into five sections the *Handbook of Hair in Health and Disease* provides an insight into hair growth and loss, molecular and cellular biology of hair, dietary toxicity and pathological history, diseases and treatments of hair, as well as shampoos and conditioners. Unique features of each chapter in this volume include relevant and useful 'Key facts' which highlight interesting or important findings of the specific subjects and 'Summary points' that will give a clear overview of the subjects treated in each chapter. The *Handbook of Hair in Health and Disease* will be essential to a variety of users, such as trichologists, doctors and nurses and all those interested or working within the area of hair health. This includes nutritionists and dieticians, scientific beauticians, health workers and practitioners, college and university lecturers and undergraduate and graduate students.

Behavioral Interventions for Prevention and Control of Sexually Transmitted Diseases - Sevgi O. Aral 2008-12-03

Before AIDS, the role of behavioral interventions in preventing transmission of sexually transmitted diseases was acknowledged in text books and journals but rarely promoted effectively in public health practice. This book addresses the complexities and social contexts of human behaviors which spread STDs, the cultural barriers to STD education, and the sociopolitical nuances surrounding treatment.

Cancer Immunology - Nima Rezaei 2020-12-12

This book explains the immunology of organ-specific malignancies and discusses novel immunotherapy strategies for their treatment. Since the first, very successful edition of the book was published in 2015, a number of entirely new chapters have been included. The range of cancers considered has accordingly been extended, with coverage of the latest immunotherapy approaches for cancers in different organs. In addition, the original chapters have been updated to document the latest advances in immunotherapy for pediatric solid tumors, hematologic malignancies, gastrointestinal tumors, bone tumors, central nervous system tumors, lung cancer, genitourinary tract tumors, and breast cancer, among others. The book is published as part of the three-volume Springer series *Cancer Immunology*, which aims to provide an up-to-date, clinically relevant review of cancer immunology and immunotherapy. Other volumes in the series address the translational medicine context and bench to bedside immunotherapy. *Cancer Immunology: Cancer Immunotherapy for Organ-Specific Tumors* will be of special value to clinical immunologists, hematologists, and oncologists.

Vegetative Physiology and Biochemistry - Hugh Davson 2014-05-12

The Eye: Volume 1, Vegetative Physiology and Biochemistry is a compendium of papers that describes the physiology of the eye, particularly its gross anatomy and embryology including its intra-ocular fluids, the intra-ocular pressure, the vitreous body, lens, cornea, and sciera. Several papers review the eyeball, the protective apparatus of the eye, the structure of the tissue in relation to the intra-ocular fluids, and the flow of aqueous humor. Several methods can be used to measure the intra-ocular pressure such as the manometric method and the tonometer. Giles (1959) reports that tonometer measurements in the newborn are within the normal adult range. One paper notes that in man, liquefaction of the vitreous body (the clear jelly-like structure which fills the space between retina and lens,) which is caused by dissolution of the fibrous network, is never repaired. This suggests that new fibers are either not formed or are formed in insufficient amounts. Another paper examines the relationship between pressure in the eye vessels and eye tension. Investigators and researchers in the fields of physiology, psychology, ophthalmology, and in all branches of ocular physiology will find the compendium very rewarding.

Hair and Scalp Treatments - Antonella Tosti 2019-09-12

Conditions of the hair and scalp often cause significant psychological distress and sometimes physical discomfort for patients. Similarly, finding the right treatment can prove challenging for the physician. Hair and Scalp Treatments -- A Practical Guide, focuses on therapy with each chapter briefly describing the disease to the reader and then teaching the step-by-step therapeutic algorithm. Procedures commonly used in the treatment of alopecias are also reviewed and detailed in specific chapters. This book also discusses everyday questions that patients commonly ask doctors and provides practical tips such as how to recommend the best shampoo, conditioner or hair dye for your patient, or how to prescribe the right nutritional supplements. There are additional sections on future treatments on the horizon and how regenerative medicine can be used. Hair and Scalp Treatments -- A Practical Guide, is the only book of its kind focused on treatment and addresses topics that are not covered by current titles on hair disorders. Written and edited by leading experts in the field, this practical guide can be used not only by dermatologists but by general practice and family physicians as well.

Liver Transplantation: Operative Techniques and Medical Management - Ernesto P. Molmenti 2020-10-22

A concise, illustrated guide to the operative techniques and medical management of liver transplantation. Filled with more than 1,000 images, illustrations, and bulleted text, this invaluable book provides a highly visual approach to liver transplantations for a diverse audience of healthcare professionals who treat patients with acute and chronic liver failure that requires full or partial transplantation. With coverage of all topics in the field, this reader-friendly and practical book serves as an ideal reference for residents, fellows, and senior physicians. It is easy to read, simple, and practical. FEATURES Over 1,000 high quality images and illustrations Multi-Disciplinary Approach Overview Liver Disease - Native and Recurrent Recipient Candidate Evaluation Donor Evaluation - Live and Deceased Pharmacy Anesthesia Operative Techniques Post-Operative Management Pathology Dermatological Findings Imaging And much more, including Immunology, Ethics, Quality Control, Risk Management, and Cellular and Tissue Engineering

Ecosystem Ecology - David G. Raffaelli 2010-03-04

What can ecological science contribute to the sustainable management and conservation of the natural systems that underpin human well-being? Bridging the natural, physical and social sciences, this book shows how ecosystem ecology can inform the ecosystem services approach to environmental management. The authors recognise that ecosystems are rich in linkages between biophysical and social elements that generate powerful intrinsic dynamics. Unlike traditional reductionist approaches, the holistic perspective adopted here is able to explain the increasing range of scientific studies that have highlighted unexpected consequences of human activity, such as the lack of recovery of cod populations on the Grand Banks despite nearly two decades of fishery closures, or the degradation of Australia's fertile land through salt intrusion. Written primarily for researchers and graduate students in ecology and environmental management, it provides an accessible discussion of some of the most important aspects of ecosystem ecology and the potential relationships between them.

Cutaneous Manifestations of Rheumatic Diseases - Richard D. Sontheimer 2004

The fully updated Second Edition of this successful resource provides comprehensive guidance on

cutaneous manifestations of rheumatic disorders that concurrently affect the skin and musculoskeletal system. The book combines the elements of a color atlas with a comprehensive review of rheumatic disease, and focuses on the dermatologic appearance and how the skin changes correlate to the underlying disease process. Book jacket.

Environmental Health Perspectives - 1993**Healthy Aging** - Patrick P. Coll 2019-03-29

This book weaves all of these factors together to engage in and promote medical, biomedical and psychosocial interventions, including lifestyle changes, for healthier aging outcomes. The text begins with an introduction to age-related changes that increase in disease and disability commonly associated with old age. Written by experts in healthy aging, the text approaches the principles of disease and disability prevention via specific health issues. Each chapter highlights the challenge of not just increasing life expectancy but also decreasing disease burden and disability in old age. The text then shifts into the whole-person implications for clinicians working with older patients, including the social and cultural considerations that are necessary for improved outcomes as Baby Boomers age and healthcare systems worldwide adjust. Healthy Aging is an important resource for those working with older patients, including geriatricians, family medicine physicians, nurses, gerontologists, students, public health administrators, and all other medical professionals.

Immunology of the Skin - Kenji Kabashima 2018-04-25

This book reviews the role of each cell subset in the skin, providing the basics for understanding skin immunology and the mechanisms of skin diseases. The skin is one of the immune organs and is continually exposed to foreign antigens and external stimuli that must be monitored and characterized for possible elimination. Upon exposure to foreign antigens, the skin can elicit a variety of immune responses in harmony with skin components that include keratinocytes, dendritic cell subsets, mast cells, basophils, fibroblasts, macrophages, gamma-delta T cells, neutrophils, myeloid-derived suppressor cells, vascular and lymphatic cells, hair follicles, platelets, and adipose tissues, among others. In the past 10 years, knowledge of immunology has expanded drastically in areas such as innate immunity (Toll-like receptors, C-type lectins), and host defenses to bacteria and viruses, and this increased knowledge has led to the development of more effective treatment of psoriasis and other skin diseases. This book provides updates on the mechanisms of skin diseases including contact dermatitis, atopic dermatitis, psoriasis, urticaria, drug eruption, bullous diseases, anaphylaxis, graft-versus-host disease, rosacea, lymphoma, photodermatology, and collagen vascular diseases. Understanding the basics of skin immunology will help clinicians and dermatologists use new therapeutics such as biologics efficiently. Serving as an intermediary between basic science and clinical medicine, this book gives readers the opportunity to understand and marvel at the mystery and fascination of skin immunology.

Phytochemicals in Citrus - Xingqian Ye 2017-09-11

Citrus fruits have long been popular around the world due to their good flavor, taste, high nutritional value, and their healthy properties. Citrus is well known as a rich source of vitamin C. Citrus fruits also contain many other functional bioactive phytochemicals including terpenoids, triterpenes, flavonoids, amino acids, phenolic acids, mineral constituents, and polysaccharides, which are beneficial to human health. Citrus fruits are generally recognized as an outstanding source of biologically active compounds related to both nutritional and nutraceutical values. Phytochemicals in Citrus: Applications in Functional Foods focuses on up-to-date information on chemical properties of citrus fruits, citrus food products, and their health benefits. The 16 chapters in the book provide a knowledge base on the chemical composition, bioactive components, biochemical properties, food use, and health benefits of citrus fruits. The information in this book will help readers to better understand the health benefits of citrus fruits and products and their dietary applications. The book is a unique reference for food science professionals engaged in functional foods and nutritional dietary management. The book can also serve as a handy reference for college and university students majoring in food science, nutrition, pharmaceutical science, and horticultural science.

Practical Bioinformatics - Janusz M. Bujnicki 2007-09-12

This book presents applications of bioinformatics tools that experimental research scientists use in "daily

practice." Its interdisciplinary approach combines computational and experimental methods to solve scientific problems. The book begins with reviews of computational methods for protein sequence-structure-function analysis, followed by methods that use experimental data obtained in the laboratory to improve functional predictions.

Electronic Healthcare - Dasun Weerasinghe 2009-02-14

eHealth 2008, the First International Conference on Electronic healthcare for the twenty-first century, was held in City University, London, during September 8-9, 2008. The conference was organized as a meeting point for telecare product vendors, policy makers, government ministers, academics, clinicians and all those involved in electronic and mobile health, to examine and to share ideas contributing to the advancement of electronic healthcare into the twenty-first century. The conference had a huge success with a large number of paper submissions. Ninety-seven papers were submitted, of which 32 were selected for presentation. Each paper was carefully reviewed blindly by a minimum of three referees from the respective field. A special thanks should go to the Technical Program Committee for their hard and efficient work in the review process. In addition to the submitted contributions, the conference included a business presentation track with 12 invited talks by key people in the world of eHealth. The business presentation track was chaired by Sir Jonathan Michael (Deputy Director, BT Health). The success of this conference is to be credited to the contribution of many people.

Memory Search By A Memorist - Charles P. Thompson 2013-05-13

This book describes the first comprehensive experimental research program on an individual who exhibits exceptional memory. Rajan Mahadevan, the subject of these investigations, won a place in the Guinness Book of Records for reciting pi to 31,811 decimal places, can learn matrices up to size 20 X 20, and can produce memory spans above 60 for digits. Utilizing the methodology and theories of modern cognitive psychology, the authors systematically investigated Rajan's memory skills. A wide range of experiments and tests were conducted with Rajan and four control subjects. These include memory span tests for digits and letters, memory for various kinds of non-numeric information, tests of working memory, learning and retention of numeric matrices, memory and visual searches of the digits of pi, and lexical decision tasks with the digits of pi. The authors describe how they came to understand the way Rajan stored and now retrieves the decimal digits of pi, how he learns and retrieves matrices, and how he encodes and retrieves digits in a memory span task. Although his strategy for memorizing and retrieving digits is unique in the literature on people with extraordinary memory, the authors show how their investigations of Rajan contribute to our understanding of memory.

Kidney & Pancreas Transplantation - Ernesto Pompeo Molmenti 2014-12-10

Kidney & Pancreas Transplantation is a comprehensive collection of considerations for organ transplantation, starting from candidate evaluation to surgical techniques and complications, and cutting-edge material on robotic surgical techniques. Divided into 22 sections, comprising 72 chapters, the book clearly illustrates the step-by-step surgical procedures of kidney and pancreas transplantation surgeries. Topics include islet cell transplantation, epigenetics, imaging complications, pathology, dermatologic manifestations, obesity and metabolic syndromes. The section 'Operative Techniques: Donor' offers extensive coverage of live donor nephrectomy, methods for avoiding and managing hazards during live donor nephrectomies and deceased donor procurement. Kidney & Pancreas Transplantation has a multidisciplinary approach, comprised of contributions from internationally renowned nephrologists. It offers practical guidance and information relevant to a diverse audience of physicians. Key Points Contributions from multidisciplinary experts Edited by Professor Molmenti at the LIJ School of Medicine, New York 1230 (800 full colour) images, illustrations and tables

Pediatric Neuro-ophthalmology - Robert L. Tomsak 1995

This is a practical and concise text on the pediatric aspects of neuro-ophthalmic disorders suitable for residents, fellows, and clinicians. Particular attention is paid to the topics that differ significantly in children and adults, allowing the clinician to refine diagnostic and treatment skills and provide better patient care.

Novel Immunotherapeutic Approaches to the Treatment of Cancer - Paul D. Rennert 2016-05-30

Cancer care is undergoing a radical transformation as novel technologies are directed toward new treatments and personalized medicine. The most dramatic advances in the treatment of cancer have come

from therapeutics that augment the immune response to tumors. The immune checkpoint inhibitors are the best-known and most highly advanced examples of Immune Therapeutics targeting tumor cells and include approved antibody drugs directed at the cell surface proteins CTLA4 and PD-1. These are now considered foundational treatments for several solid tumor indications, and that list of indications is growing quickly. More broadly, antibodies have become workhorse molecules across the entire immunotherapy landscape. Antibodies to novel targets modulate the activity of diverse immune cell regulatory proteins. Engineered antibodies can induce tumor cell death or expose tumor cells to poisonous toxins (ADCC and ADC, respectively). Bi-specific antibodies can engage multiple tumor targets simultaneously, or can redirect lymphocytes to attack tumor cells. The antigen-binding domains within antibodies can be spliced onto cell stimulatory domains and transduced into T cells or NK cells, creating remarkable tumor-specific cellular therapeutics (CAR-T, CAR-NK). Beyond antibody-based therapies there are highly diverse and differentiated technology tool kits being applied to immunotherapy. Small molecule drugs are being developed to attack the tumor microenvironment, novel tumor vaccine approaches are showing great promise, patient lymphocytes are being isolated, expanded and reintroduced to patients, gene-editing techniques are becoming widely deployed, and a vast number of new tumor targets, and mutated tumor proteins (neoantigens), are being discovered. The past decade has seen unprecedented success in the treatment of diverse cancers. The authors of this volume have been asked to not only review progress to date, but importantly, to look ahead, and anticipate the evolution of cancer treatment across diverse Immune Therapeutic approaches. Our hypothesis is that the advances we are seeing across the immunotherapy landscape will further evolve and synergize, leading us finally to outright cures for many cancers.

Diagnostic Criteria in Autoimmune Diseases - Yehuda Shoenfeld 2010-06-08

According to the Autoimmune Diseases Coordinating Committee (ADCC), between 14.7 and 23.5 million people in the USA - up to eight percent of the population are affected by autoimmune disease. Autoimmune diseases are a family of more than 100 chronic, and often disabling, illnesses that develop when underlying defects in the immune system lead the body to attack its own organs, tissues, and cells. In Handbook of Autoimmune Disease, the editors have gathered in a comprehensive handbook a critical review, by renowned experts, of more than 100 autoimmune diseases, divided into two main groups, namely systemic and organ-specific autoimmune diseases. A contemporary overview of these conditions with special emphasis on diagnosis is presented. Each chapter contains the essential information required by attending physicians as well as bench scientists to understand the definition of a specific autoimmune disease, the diagnostic criteria, and the treatment.

Axial Spondyloarthritis - Philip Mease 2019-02-16

Focusing on the key essentials you need to know, Axial Spondyloarthritis provides a quick, expert overview of axSpA from a clinical perspective. This concise resource by Drs. Philip Mease and Muhammad Khan presents practical recommendations and guidelines for the diagnosis, management, and treatment of spondyloarthritis impacting the axial skeleton alongside an overview of epidemiology, special populations, and patient education. Discusses key information on genetic factors and disease biomarkers. Presents an overview of clinical features, classification criteria, and imaging to aid in diagnosis. Covers management and treatment guidelines, including non-pharmacologic management and the use of biologics. Consolidates essential information on this timely topic into a single, convenient resource.

Atlas of Liver Transplantation - Ernesto Molmenti 2017-03-31

This new edition is a comprehensive guide to the complete field of liver transplantation for practising transplant surgeons. Presented in a step by step format, the book begins with an overview and discussion on different types of liver disease. Pre- and post-transplant considerations and both deceased and live donor evaluation are examined in depth. The following sections describe operative technique, complications, pathology, radiology and much more. Topics have been fully revised to provide the most up to date information, and the atlas is highly illustrated with surgical images and figures. The book is authored by internationally recognised experts in the field of transplant surgery, led by Ernesto Molmenti from North Shore-LIJ Health System and School of Medicine, New York. Previous edition published in 2002. Key Points Second edition of comprehensive guide to liver transplantation Fully revised to provide the most up-to-date information Authored by internationally recognised experts led by Ernesto Molmenti Previous edition

(9780721695518) published in 2002
Estrogens in the Environment, III - 1993

Color Doppler US of the Penis - Michele Bertolotto 2007-12-22

At last there is on the market a comprehensive reference and practical guide on the application of US to penile diseases and conditions. This is quite simply the most extensive textbook on the subject. After introductory chapters on technical requirements and penile anatomy, subsequent chapters offer a systematic overview of the diverse applications of color Doppler US.