BIBLIOTECA CENTRAL DO CCS

CENTRO DE CIÊNCIAS DA SAÚDE

UNIVERSIDADE FEDERAL DO RIO DE JANEIRO



Boletim Informativo

de E-books

VOLUME I, EDIÇÃO I

AMARA, S. G... [et al.]. Reviews of physiology, biochemistry and pharmacology. Berlin, Heidelberg: Springer Berlin Heidelberg, 2005.

Reviews of physiology, biochemistry and pharmacology volume 154 • 2005 contents: A. Bigiani, C. Mucignat-

Caretta, G. Montani, and R. Tirindelli; Pheromone

reception in mammals: W. Meyerhof; Elucidation of

mammalian bitter taste: H.U. Zeilhofer; Synaptic

modulation in pain pathways: C.-K. Chen; The

vertebrate phototransduction cascade, amplification and

termination mechanisms.



EATON, S. R.; EATON, G. R.; BERLINER, L. J. (ed.). *Biomedical EPR, part B:* methodology, instrumentation, and dynamics. Boston, MA: Springer US, 2005.

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Biomedical EPR - part B focuses on applications of EPR techniques and instrumentation, with applications to dynamics. The book celebrates the 70th birthday of Prof. James S. Hyde, Medical College of Wisconsin, and his contributions to this field. Chapters are written to provide introductory material for new-comers to the field that lead into up-to-date reviews that provide perspective on the wide range of questions that can be addressed by EPR. Key features: EPR techniques including saturation recovery, ENDOR, ELDOR, and saturation transfer instrumentation innovations including loop gap resonators, rapid mixing, and time locked subsampling motion in biological membranes applications to structure determination in proteins discussion of trends in EPR technology and prognosis for the future about the editors: prof. Sandra S. Eaton is John Evans Professor in the Department of Chemistry and Biochemistry at the University of Denver. Her research interests include distance measurements in proteins, EPR of metal ions in biological systems, electron spin relaxation times, and EPR instrumentation. The eatons co-organize an annual EPR Symposium in Denver. Prof. Gareth R. Eaton is John Evans Professor in the Department of Chemistry and Biochemistry at the University of Denver. His research interests include EPR instrumentation, distance measurements in proteins, EPR of metal ions in biological systems, and electron spin relaxation times. Dr. Lawrence J. Berliner is currently Professor and Chair of the Department of Chemistry and Biochemistry at the University of Denver after retiring from Ohio State University, where he spent a 32-year career in the area of biological magnetic resonance (EPR and NMR). He is the series editor for Biological magnetic resonance, which he launched in 1979.

ESTE BOLETIM INFORMATIVO RELACIONA OS E-BOOKS ADQUIRIDOS PELA UFRJ E FAPERJ DISPONÍVEIS NA BASE MINERVA PARA CONSULTA ON-LINE research in developing countries. Berlin, Heidelberg: Springer Berlin Heidelberg, 2005.

BECHER, H.; KOUYATÉ, B. (ed.). Health

Health research in developing countries has many facets. On one side, malaria and AIDS as main causes of morbidity and mortality are a focus for clinical and epidemiological studies. On the other side, the need for improving the health care system in general cannot be overestimated. The book offers a survey of current and important topics of health research in developing countries. Special emphasis is placed to show that cooperation of different health research areas if of highest importance in future. In addition the CRSN (Burkina Faso) - University of Heidelberg collaboration is given as a model that allows high class research in remote areas of any developing country. An absolutely must for all who are working in clinical, epidemiological and health systems research for and in developing countries.



FINE, I. H... [et al.] (ed.). *Refractive lens* surgery. Berlin, Heidelberg: Springer Berlin Heidelberg, 2005.

When Sir Harold Ridley implanted the first intraocular lens in 1949, he irrevocably coupled lens extraction with refractive surgery. The purpose of the implant remains essentially refractive to this day. However, we are now witnessing an unprecedented flowering of technology for pseudophakia. Elimination of defocus and astigmatism, implantation of accommodative intraocular lenses and pseudophakic correction of higher-order aberrations require systematic preoperative evaluation and meticulous surgical technique. Surgeons must meet the challenges of understanding and implementing this new technology if they are to ride the coming demographic tidal wave of baby boomers desiring excellent vision without relying on spectacles. Refractive lens surgery - represents a compilation of the best cutting edge practices for achieving success with refractive lens exchange - provides the essential information you need to succeed during the current renaissance of intraocular lens technology - serves as both a textbook and a reference guide to this exciting and rapidly growing segment of ophthalmology from mastering biometry and lens power calculations in eyes that have had prior keratorefractive surgery to learning the latest micro-incision lens extraction techniques, this book is an invaluable resource that makes sense of the myriad of new developments in this field.



GRIFFIN, D. E. (ed.). *Role of apoptosis in infection*. Berlin, Heidelberg: Springer Berlin Heidelberg, 2005.

Não consta resumo.

HERTL, M. (ed.). Autoimmune diseases of the skin: pathogenesis, diagnosis, management. 2nd. rev. and enl. ed. Vienna: Springer Vienna, 2005.

Autoimmune disorders of the skin remain an enigma for many clinicians and scientists not familiar with these mostly severe and chronic diseases. The book provides an overview and the latest information on the broad spectrum of cutaneous autoimmune disorders for clinicians, scientists and practitioners in dermatology, medicine, rheumatology, ENT, pediatrics and ophthalmology. The book is unique since it presents the state-of-the-art knowledge on pathophysiology, clinical diagnosis and management of these disorders provided by the world experts in the field. The primary intention is to broaden the understanding of the pathophysiology of cutaneous autoimmune disorders and to provide a practical guide to how to identify and handle these conditions. The book is illustrated with many tables, illustrative figures and clinical color photographs. The second edition has been extended by chapters on autoimmune pigmentary disorders (vitiligo), hairloss (alopecia areata) and cutaneous symptoms of rheumatic disorders.



IP, D. *Orthopedic principles*: a residents's guide. Berlin, Heidelberg: Springer Berlin Heidelberg, 2005.

The scope of orthopedic knowledge has expanded to such a degree that it has become increasingly difficult to maintain a fundamental grasp of the required knowledge base. This is compounded by the time constraints on adult learning, with the student or practitioner faced with everincreasing demands on their time. This text is a much needed resource of orthopedic knowledge, which will prove useful not only to those in training but also to those faced by the ever-increasing demands of certification and recertification examinations. Well illustrated and organized into eight chapters extending from basic science to every specialty of orthopedic surgery (such as hand, foot and ankle, sports medicine, and spine) and put forward in outline form, the reader will find it easy to locate information on a specific subject for direct patient care, conferences or rounds, or examination review. Alternatively, the organization of each chapter facilitates an overall review of the subject matter. By virtue of its succinct style of presentation, this text will prove exceedingly useful to students and practitioners throughout the world.



KETONEN, L. M... [et al.]. *Pediatric brains and spine*: an atlas of MRI and spectroscopy. Berlin, Heidelberg: Springer Berlin Heidelberg, 2005.

Não consta resumo.



KRIEGLSTEIN, G. K... [et al.] (ed.). Uveitis and immunological disorders. Berlin, Heidelberg: Springer Berlin Heidelberg,

Uveitis and immunological disorders encompass a wide spectrum of potential blinding diseases that are seen in daily practice by many ophthalmologists. In recent years enormous progress has been made understanding the principal mechanisms of inflammatory and immunological processes in ocular disorders. The purpose of this volume of "Essentials in ophthalmology" is to provide the ophthalmologist with our present understanding of the pathogenesis of the most frequent immune-mediated disorders of the eye and a practical approach to these diseases. "Uveitis and immunological disorders -"Fills the gap between textbooks and original research publications - Focuses on clinical aspects of inflammatory eye diseases - Covers a broad spectrum, including diseases affecting the conjunctiva, sclera and cornea as well as intraocular inflammation - Includes basic research aspects such as immune mechanisms and genetics - Is quick and easy to read: highly structured with "core messages" and "summaries" for the clinician This publication will serve not only as a valuable source of up-to-date information for ophthalmologists but will also be of interest to pediatricians, specialists in internal medicine and dermatologists confronted with inflammatory eye diseases.



LINOS, D.; VAN HEERDEN, J. A. (ed.). *Adrenal glands:* diagnostic aspects and surgical therapy. Berlin, Heidelberg: Springer Berlin Heidelberg, 2005.

Surgery of the Adrenal Glands is a comprehensive medical textbook that includes everything that a surgeon, but for all purposes any physicain or medical student, may want to find on adrenal surgery in a friendly, up to date, evidence based manner. 30 of the most renowned names in the field of adrenal surgery from the US and Europe draw on their experience in exploring diagnosis, indications for surgery, choice of operation and operative techniques, and surgical outcomes for every major adrenal condition. Over 200 exquisite illustrations, ranging from intraoperative photographs, line drawings, diagnostic images, pathology slides, tables and graphs are available to make each case discussed comprehensible and easy to follow. Traditional and novel therapeutic recommendations are introduced and the latest developments in minimal-access operative techniques are discussed and reviewed. Finally, the best approaches in dealing with challenging conditions such as adrenal incidentaloma, subclinical cushing's syndrom, congenital adrenal hyperplasia, mineralcorticoid express syndrome, extraadrenal and malignant pheochromocytoma are discussed.



MIHAILOVIC-VUCINIC, V. Atlas of sarcoidosis: pathogenesis, diagnosis, and clinical features. London: Springer London, 2005.

Sarcoidosis is a complex multisystem disease. Shortness of breath (dyspnea) and a cough that won't go away can be among the first symptoms of sarcoidosis, but sarcoidosis can also show up suddenly with the appearance of skin rashes and other dermatoses. An Atlas of sarcoidosis: pathogenesis, diagnosis and clinical features combines illustrations and clinical images of the authors' extensive practices, so that readers have unparalleled access to a comprehensive collection of sarcoidosis images. The atlas is designed to complement and provide a visual supplement to already existing texts on sarcoidosis. Each organ involvement is dealt in a brief and easy to comprehend manner. Various radiographic and laboratory abnormalities are then linked to the clinical features in order to encourage a smooth and easy practical integration at the bedside and to help practising pulmonologists, dermatologists and other clinicians who require a comprehensive visual encyclopedia of sarcoidosis images.



PETERS, C. J; CALISHER, C. H. (ed.). Infectious diseases from nature: mechanisms of viral emergence and persistence. Vienna: Springer Vienna, 2005.

Significant zoonotic diseases have appeared with increasing frequency in recent years. At a symposium held in Galveston, Texas, in March 2004, many outstanding virologists and others presented papers under the broad theme of "emergence". The intent was to elucidate the diseases themselves, the mechanisms by which they have emerged, the publication perception and response to the diseases, and the possibility of prevention or prediction. The papers in this book summarize the talks of this meeting. Among the many timely papers are those by Nobel Prize winner Peter Doherty, influenza epidemiologists Robert Webster and Jeffery Taubenberger, and important contributions by Neal Nathanson, Esteban Domingo, Barry Beaty, David Walker, James Hughes, and others of world expertise.



SCHEIN, M.; ROGERS, P. N. (ed.). Schein's common sense emergency abdominal surgery. 2nd. ed. Berlin, Heidelberg: Springer Berlin Heidelberg, 2005.

Emergency abdominal surgery is a battlefield for the surgeon - providing character-building experiences, and opportunities for triumph and disaster. In the second edition of this 'simple' book emergency abdominal surgery is discussed in an informal and no nonsense fashion - as practiced in the 'trenches' of the ER and the OR. The preferred approach for a given situation is discussed in context; it has to fulfill certain prerequisites: save live, decrease morbidity, be cost effective and be performed correctly. Review of the 1st Edition: 'What makes this book very readable are the 'pregnant' citations, aphorisms and 'smart savings', which are often heard at the bedside and operation rooms but almost never reach the pages of a book'. (P. Klein, Chirurg, 2000). ' This is written with short punchy chapters making it very difficult to put down.... (R A B Wood, Journal Royal College of Surgeons of Edinburgh, 2000) ' Since Mondor's times in the forties of the last century there was no other book in surgery to be written so easy and witty...' (Boris D. Savchuk, World Journal of Surgery, 2002).



SEIDEMANN, J. World spice plants. Berlin, Heidelberg: Springer Berlin Heidelberg, 2005.

This book addresses the need to disseminate scientific knowledge of the complex world of spice plants to a wide audience of interest. It considers the economic usage of spices in several forms, as an ingredient for adding flavor, as a pot herb and as an additive for condiments such as ketchup, and mustard. Designed as a work of reference, it offers an easy to use systematic listing of international nomenclature. The book is aimed primarily at aroma experts in both science and industry, but also botanists, pharmacists, food chemists and dieticians will take inspiration from the book, which is also illustrated by around 100 full color photographs. - Comprehensive listing of over 1400 plants - Plant nomenclature from around the world -Arranged alphabetically for ease of reference -Exhaustive register of relevant literature for further reading.



YANNAS, I. V. (ed.). *Regenerative medicine:* theories, models and methods. Berlin, Heidelberg: Springer Berlin Heidelberg, 2005.

Organ regeneration, once unknown in adult mammals, is at the threshold of maturity as a clinical method for restoration of organ function in humans. Several laboratories around the world are engaged in the development of new tools such as stem cells and biologically active scaffolds. Others are taking fresh looks at well-known clinical problems of replacement of a large variety of organs: Bone, skin, the spinal cord, peripheral nerves, articular cartilage, the conjunctiva, heart valves and urologic organs. Still other investigators are working out the mechanistic pathways of regeneration and the theoretical implications of growing back organs in an adult. The time has come to present a collection of these efforts from leading practitioners in the field of organ regeneration.

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Contato

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