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BRAEDON TATE

Heat Shock Proteins and Cytoprotection Springer Science & Business Media

This thoroughly revised and updated reference addresses the drugs and chemicals causing malformations and congenital anomalies in the human fetus-comprehensively reviewing experimental studies in animals and clinical data on human development, primarily in the

organogenesis period. Addressing current public health concerns over teratogens, Chemically Induced Birth Defects, Third Edition covers and condenses the 2500 new publications on developmental toxicology that appear every year. Provides comprehensive identification of teratogens by chemical, generic, and trade names. Chemically Induced Birth Defects, Third Edition discusses the interrelation of over 4100 chemicals in current use, still in the experimental stage, or now obsolete covers recently available drugs, such as misoprostol and fluconazole utilizes the latest Good Laboratory Practices-conducted studies to evaluate specific agents investigates up-to-the-minute impairments of maternal homeostasis that may lead to teratogenesis surveys chemicals by use, distinguishing medicinals from industrial chemicals elucidates recent research on chemicals linked to endocrine disruption and more Containing over 10,000 citations from the literature, Chemically Induced Birth Defects, Third Edition deserves a place on the bookshelves of all toxicologists, teratologists, pediatricians,

obstetricians, gynecologists, environmentalists, biochemists, oncologists, pharmacologists, endocrinologists, and upper-level undergraduate, graduate, and medical school students in these disciplines.

The United States, Israel, and Juridical Warfare

Springer Science & Business Media

At first sight it may appear strange that a volume of Progress in Pediatric Surgery should be devoted to the history of our specialty. One assumes that progress is concerned primarily with recent developments whilst history deals with matters of the past. However, in the past there has also been considerable progress in the development of our understanding of paediatric surgical problems, otherwise we would not have progressed to our present achievements. The editors, therefore, do not apologize for compiling this volume but, on the contrary, feel that the publication of this volume is most timely. Modern paediatric surgery has now been practised for three generations. The handful of pioneers who were the founders of our specialty worked mainly before the last world war. A few dozen of the intermediary

generation started work immediately after the war, while the new generation who are now dominating our specialty must be counted in thousands. Two factors have radically altered paediatric surgery as practised by the intermediary and the present generation of surgeons. *Anatomy and Physiology of the Circulatory and Ventilatory Systems* Presses Univ. Septentrion

This Open Access biography chronicles the life and achievements of the Norwegian engineer and physicist Rolf Widerøe. Readers who meet him in the pages of this book will wonder why he isn't better known. The first of Widerøe's many pioneering contributions in the field of accelerator physics was the betatron. He later went on to build the first radiation therapy machine, an

advance that would eventually revolutionize cancer treatment. Hospitals worldwide installed his machine, and today's modern radiation treatment equipment is based on his inventions. Widerøe's story also includes a fair share of drama, particularly during World War II when both Germans and the Allies vied for his collaboration. Widerøe held leading positions in

multinational industry groups and was one of the consultants for building the world's largest nuclear laboratory, CERN, in Switzerland. He gained over 200 patents, received several honorary doctorates and a number of international awards. The author, a professional writer and maker of TV documentaries, has gained access to hitherto restricted archives in several countries, which provided a wealth of new material and insights, in particular in relation to the war years. She tells here a gripping and illuminating story.

MRI of the Body Springer Science & Business Media

This 5000-page masterwork is literally the last word on the topic and will be an essential resource for many. Unique in its breadth and detail, this encyclopedia offers a comprehensive and highly readable guide to a complex and fast-expanding field. The five-volume reference work gathers more than 10,000 entries, including in-depth essays by internationally known experts, and short keynotes explaining essential terms and phrases. In addition, expert editors contribute

detailed introductory chapters to each of 43 topic fields ranging from the fundamentals of neuroscience to fascinating developments in the new, inter-disciplinary fields of Computational Neuroscience and Neurophilosop hy. Some 1,000 multi-color illustrations enhance and expand the writings.

Acta Radiologica

Springer Science & Business Media

Tumours of the hand are highly varied, their only common feature being their location in an organ in which preservation of sensation and mobility must be our primary concern. Although the subject of numerous studies, they are not well known to the majority of practitioners, as most of these studies deal with only one type of tumour. Now, however, we have a book devoted entirely to these tumours as a whole, with a clear and logical approach to the clini cal features, histology, differential diagnosis and treatment of each type, together with an extensive bibliography. The need for such a work - one I believe to be unique of its kind - has long been felt, for tumours of the hand often raise difficult problems of diagno sis, prognosis and treatment. As regards differential

diagnosis, this book is plainly very useful; it can be consulted like a classification. In recent years, diagnosis has been improved by new methods of investigation, such as ther mography, scintigraphy, arteriography and serial angiography, etc. Though very expensive, the use of these sophisticated techniques sometimes proves valuable for the diagnosis of certain bony or vascular tumours that would otherwise be difficult to approach. Such methods should not be overused; when the lesion is easily accessible, biopsy is the correct procedure. In every case, biopsy provides the only certain method of diagnosis, even though histo logical interpretation may be difficult and calls for great experi ence; the penalties of error can be very serious.

˜Laœ recherche en imagerie: notre avenir à tous Springer Science & Business Media

The three-volume set LNCS 7510, 7511, and 7512 constitutes the refereed proceedings of the 15th International Conference on Medical Image Computing and Computer-Assisted Intervention, MICCAI 2012, held in Nice, France, in October 2012. Based on rigorous peer reviews, the

program committee carefully selected 252 revised papers from 781 submissions for presentation in three volumes. The third volume includes 79 papers organized in topical sections on diffusion imaging: from acquisition to tractography; image acquisition, segmentation and recognition; image registration; neuroimage analysis; analysis of microscopic and optical images; image segmentation; diffusion weighted imaging; computer-aided diagnosis and planning; and microscopic image analysis. *Embolization* CRC Press The first edition of this book has been out of print for some time and I have decided to follow the publisher's kind suggestion to prepare a new edition. Many examples with explicit inversion formulas and range theo rems have been added, and the group-theoretic viewpoint emphasized. For example, the integral geometric viewpoint of the Poisson integral for the disk leads to interesting analogies with the X-ray transform in Euclidean 3-space. To preserve the introductory flavor of the book the short and self-contained Chapter Von Schwartz' distributions has been added. Here §5 provides

proofs of the needed results about the Riesz potentials while §§3-4 develop the tools from Fourier analysis following closely the account in Hormander's books (1963] and [1983]. There is some overlap with my books (1984] and [1994b] which however rely heavily on Lie group theory. The present book is much more elementary. I am indebted to Sine Jensen for a critical reading of parts of the manuscript and to Hilgert and Schlichtkrull for concrete contributions men tioned at specific places in the text. Finally I thank Jan Wetzel and Bonnie Friedman for their patient and skillful preparation of the manuscript. *Coatings for Biomedical Applications* Elsevier Hardbound. The discovery of age-related changes in the Microcebus murinus, brain rendered the compilation an an atlas essential. Recent results obtained concerning the evolution of the brain structures and cellular elements during the life of this prosimian have shown numerous similarities to the ageing human brain. The nature of these led to the conclusion that the species could constitute a valuable tool for fundamental and experimental studies into human cerebral ageing and

neurodegenerative diseases, particularly those of the Alzheimer type. The importance of this lies in the fact that, currently, no model of human cerebral ageing, related to associated disability or not, exists. Clearly there is a great need for investigations into Microcebus murinus in numerous domains. Some are being undertaken by various international scientific teams but substantial areas of great interest remain so far untouched. The likelihood of Microcebu **Arrhythmogenic RV Cardiomyopathy/Dysplasia** Elsevier Science Limited Over the last 20 years the world's most advanced militaries have invited a small number of military legal professionals into the heart of their targeting operations, spaces which had previously been exclusively for generals and commanders. These professionals, trained and hired to give legal advice on an array of military operations, have become known as war lawyers. The War Lawyers examines the laws of war as applied by military lawyers to aerial targeting operations carried out by the US military in Iraq and Afghanistan, and the Israel military in Gaza. Drawing on interviews

with military lawyers and others, this book explains why some lawyers became integrated in the chain of command whereby military targets are identified and attacked, whether by manned aircraft, drones, and/or ground forces, and with what results. This book shows just how important law and military lawyers have become in the conduct of contemporary warfare, and how it is understood. Jones argues that circulations of law and policy between the US and Israel have bolstered targeting practices considered legally questionable, contending that the involvement of war lawyers in targeting operations enables, legitimises, and sometimes even extends military violence.

The History of Oncology

Oxford University Press, USA

Over the last 20 years the world's most advanced militaries have invited a small number of military legal professionals into the heart of their targeting operations, spaces which had previously been exclusively for generals and commanders. These professionals, trained and hired to give legal advice on an array of military operations, have become known as war lawyers. The War Lawyers examines the

laws of war as applied by military lawyers to aerial targeting operations carried out by the US military in Iraq and Afghanistan, and the Israel military in Gaza. Drawing on interviews with military lawyers and others, this book explains why some lawyers became integrated in the chain of command whereby military targets are identified and attacked, whether by manned aircraft, drones, and/or ground forces, and with what results. This book shows just how important law and military lawyers have become in the conduct of contemporary warfare, and how it is understood. Jones argues that circulations of law and policy between the US and Israel have bolstered targeting practices considered legally questionable, contending that the involvement of war lawyers in targeting operations enables, legitimises, and sometimes even extends military violence.

Annual cumulation

Springer Science & Business Media

‘The story of oncology is not only fascinating but also contains many accounts of dead ends, chance discoveries, illusions, mistakes and disappointments alongside the few

successes.’These words are taken from the introduction to this book. The author, professor emeritus of Medical Oncology, reviews all aspects of the problem of cancer from a historical perspective, from the oldest existing records to the latest scientific and medical advances. It will interest the many people engaged in the treatment of cancer to read how the current therapeutic methods came about, and the book may also provide inspiration for cancer researchers, and for all those directly or indirectly involved with cancer. The layman looking for background information on a particular treatment may find it useful too. The various chapters can be read independently. A glossary and a few explanatory diagrams augment the text.This book grew out of an invitation the author received to lecture on the history of oncology. During his background reading, he discovered that there was no single volume dealing with the entire history of the subject. Fortunately, however, a great deal of information could be found here and there in the literature. As he read, he was struck by the fascinating stories behind many

discoveries, and felt impelled to put them together in a single comprehensiv e account. The results of his labors are presented in this remarkable volume.The author, Prof. D.J.Th. (Theo) Wagener, was head of the department of Medical Oncology at the Radboud University Nijmegen Medical Centre in the Netherlands from 1982 to 2001, chairman of the Educational Committee of the European Society of Medical Oncology (ESMO), a member of the Educational Committee of the American Society of Clinical Oncology (ASCO) and a member of various international scientific working groups, mainly of the European Organization for Research and Treatment of Cancer (EORTC). *Management and Outcome* Springer Science & Business Media Despite all recent advances, the most important progress in neuroradiol ogy has been in our knowledge of the anatomy of the nervous system. DANDY'S injection of ventricles and cisterns with air, SICARD'S studies of the epidural and subarachoid space with lipiodol, MONIZ'S work on cerebral arteries and veins, and, more recently, DJINDJIAN'S

and DI CHIRO'S investiga tions of spinal arteries, have modified, refined and expanded current knowl edge of anatomy of the central nervous system. As described by LINDGREN, "the neuroradiologi st dissects the region of interest with x-rays like a surgeon with a scalpel". In fact, neuroradiologi c examination is nothing less than an anatomic survey in vivo, using multiple orthogonal projections. The authors of this book are convinced that frequent reference to normal anatomy is currently the most useful and rewarding means of understanding neuroradiologi c problems. Arteries and veins of the brain may be considered in terms of the sulci, gyri, cisterns, ventricles, basal nuclei, and cortical centers. In this book, efforts have been made to match anatomic elements of the ventricles, cisterns, and vessels to the region being studied. The foundation of this book lies in the detailed anatomico-radiologic corre lations, demonstrated by numerous photographs of dissected specimens, radiographs of injected specimens, anatomic drawings, diagrams, and normal cerebral angiograms and encephalogra ms. Indeed, there is no region in the central

nervous system which cannot be delineated by its relationships with arteries, veins, cisterns, and ventricles.

Lasers in Medicine

Springer Science & Business Media

One of America's top doctors reveals how AI will empower physicians and revolutionize patient care Medicine has become inhuman, to disastrous effect. The doctor-patient relationship--the heart of medicine--is broken: doctors are too distracted and overwhelmed to truly connect with their patients, and medical errors and misdiagnoses abound. In Deep Medicine, leading physician Eric Topol reveals how artificial intelligence can help. AI has the potential to transform everything doctors do, from notetaking and medical scans to diagnosis and treatment, greatly cutting down the cost of medicine and reducing human mortality. By freeing physicians from the tasks that interfere with human connection, AI will create space for the real healing that takes place between a doctor who can listen and a patient who needs to be heard. Innovative, provocative, and hopeful, Deep Medicine shows us how the awesome power of AI can make medicine

better, for all the humans involved.

Science Citation Index

Springer Science & Business Media

This book provides a unique and timely multidisciplinary synthesis of our current knowledge of the anatomy, pharmacology, physiology and pathology of the substantia nigra pars compacta (SNc) dopaminergic neurons. The single chapters, written by top scientists in their fields, explore the life cycle of dopaminergic neurons from their birth to death, the cause of Parkinson's disease, the second most common and disabling condition in the elderly population. Nevertheless, the intracellular cascade of events leading to dopamine cell death is still unknown and, consequently, treatment is symptomatic rather than preventive. The mechanisms by which alterations cause neuronal death, new therapeutic approaches and the latest evidence of a possible de novo neurogenesis in the SNc are reviewed and singled out in different chapters. This book bridges basic science and clinical practice and will prepare the reader for the next few years, which will surely be eventful in terms of the progress of dopamine research.

The Epidemiological Transition in the Netherlands
CRC Press
Vols. for 1964- have guides and journal lists.
Carnets francophones
Springer
˜Laœ recherche en imagerie: notre avenir à tousJFR 2010 ; 31e journées francophones ; 58e Journées Françaises de Radiologie ; 22 - 26 octobre 2010, Paris ; [livre des résumés]The War LawyersThe United States, Israel, and Juridical WarfareOxford University Press, USA
Index to Scientific Reviews
Springer Nature
The number of patients using social media and the number of applications and solutions used by medical professionals online have been sky-rocketing in the past few years, therefore the rational behind creating a well-designed, clear and tight handbook of practical examples and case studies with simple pieces of suggestions about different social media platforms is evident. While the number of e-patients is rising, the number of web-savvy doctors who can meet the expectations of these new generations of patients is not, this huge gap can only be closed by providing medical professionals with easily implementable, useful and primarily practical

pieces of advice and suggestions about how they should use these tools or at least what they should know about these, so then when an e-patient has an internet-related question, they will know how to respond properly. As all medical professionals regardless of their medical specialties will meet e-patients, this issue with growing importance will affect every medical professionals which means there is a huge need for such a easily understandable handbook.

15th International Conference, Nice, France, October 1-5, 2012, Proceedings

Elsevier Semiannual. "An international interdisciplinary index to the review literature of science, medicine, agriculture, technology, and the behavioral sciences". Includes literature appearing in about 75 full coverage source journals, articles with 40 or more references, and marked review references in Science citation index data base. SCI format, with citation, source, permuterm, corporate, patent, and anonymous indexes; also journal lists.

Index Veterinarius

˜Laœ recherche en imagerie: notre avenir à tousJFR 2010 ; 31e journées francophones ; 58e Journées Françaises de

Radiologie ; 22 - 26 octobre 2010, Paris ; [livre des résumés]The War LawyersThe United States, Israel, and Juridical Warfare
Alors que l'aide au développement reste obscure dans la plupart des esprits et qu'une grande incompréhension des buts et rouages de la coopération internationale a gagné le large public, l'ouvrage se plonge concrètement au cœur d'un projet francophone destiné à la formation des professionnels de santé et à la diffusion du numérique éducatif. Il ...
Review Of Radiology
Springer Science & Business Media
Over the past 15 years, there has been a growing need in the medical image computing community for principled methods to process nonlinear geometric data. Riemannian geometry has emerged as one of the most powerful mathematical and computational frameworks for analyzing such data. Riemannian Geometric Statistics in Medical Image Analysis is a complete reference on statistics on Riemannian manifolds and more general nonlinear spaces with applications in medical image analysis. It provides an introduction to the core methodology followed by a presentation of state-of-the-art

methods. Beyond medical image computing, the methods described in this book may also apply to other domains such as signal processing, computer vision, geometric deep learning, and other domains where statistics on geometric features appear. As such, the presented core methodology takes its place in the field of geometric statistics, the statistical analysis of data being elements of nonlinear geometric spaces. The foundational material and the advanced techniques presented in the later parts of the book can be useful in domains outside medical imaging and present important applications of geometric statistics methodology Content includes: The foundations of Riemannian geometric methods for statistics on manifolds with emphasis on concepts rather than on proofs Applications of statistics on manifolds and shape spaces in medical image computing Diffeomorphic deformations and their applications As the methods described apply to domains such as signal processing (radar signal processing and brain computer interaction), computer vision (object and face recognition), and other domains

where statistics of geometric features appear, this book is suitable for researchers and graduate students in medical imaging, engineering and computer science. A complete reference covering both the foundations and state-of-the-art methods Edited and authored by leading researchers in the field Contains theory, examples, applications, and algorithms Gives an overview of current research challenges and future applications

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