

Pharmaceutical Industrial Management R M Mehta Bing

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The Diabetes Textbook - Joel Rodriguez-Saldana 2019-06-27

Diabetes has become a worldwide health problem, the global estimated prevalence approaches ten percent and the burden of this

disease in terms of morbidity and mortality is unprecedented. The advances acquired through the knowledge of the mechanisms of the disease and the variety of therapeutic approaches contrast with the inability of private and public

health systems in underdeveloped and even developed countries to achieve the goals of treatment. This paradox has been described in many sources: the surge of scientific advances contrast with an unprecedented amount of human suffering. Thus, a patient centered and an evidence based approach with the capacity to produce measurable clinical and economic outcomes is required. The purpose of this textbook is multiple: to offer a comprehensive resource covering all aspects of outpatient management; to address diabetes as a health problem from an epidemiological, economic and clinical perspective; to discuss the role of social determinants of health on the worldwide increase in diabetes; to highlight the challenges and obstacles in providing adequate care; and to outline a multidisciplinary approach to management in which medical visits retain their importance as part of a team comprising the patient, his or her family and a multidisciplinary group of health professionals who are able to

move beyond the traditional approach of diabetes as a disease and greatly improve outcomes.

Multicriteria-based Ranking for Risk Management of Food-borne Parasites -

Pascal Boireau 2014

This product documents the process by which foodborne parasites were ranked from a global food safety perspective and provides a ranking and information on all the top ranked parasites both generally and from a regional perspective. It directly supports the establishment of international standards on foodborne parasites by the Codex Alimentarius which are agreed by countries and can then be used as a basis for improving the safety of specific products and facilitation their trade internationally. These in turn directly contribute to the SO by promoting more efficient and inclusive trade.

Adult Critical Care Medicine - Jennifer A. LaRosa
2018-11-08

This clinical casebook provides a comprehensive

yet concise state-of-the-art review of adult critical care medicine. Presented in a case-based format, each case focuses on a scenario commonly encountered with an adult patient in the ICU. Case scenarios include management of seizures and acute intracranial hypertension, sepsis, liver failure, brain death, bleeding and thrombosis, and treating hospital acquired infections in the ICU. Written by experts in the field, *Adult Critical Care Medicine: A Clinical Casebook* is a valuable resource for critical care specialists and practitioners who treat adult patients in critical care settings.

Security Analysis and Portfolio Management - Donald E. Fischer 1995-01-01

For undergraduate courses in investments. This comprehensive interface of traditional and modern approaches to securities analysis and portfolio management embraces a global approach and uses the unique feature of applying concepts to a continuous example, McDonald's Corporation.

Innovative China - World Bank Group
2019-12-17

After more than three decades of average annual growth close to 10 percent, China's economy is transitioning to a 'new normal' of slower but more balanced and sustainable growth. Its old drivers of growth -- a growing labor force, the migration from rural areas to cities, high levels of investments, and expanding exports -- are waning or having less impact. China's policymakers are well aware that the country needs new drivers of growth. This report proposes a reform agenda that emphasizes productivity and innovation to help policymakers promote China's future growth and achieve their vision of a modern and innovative China. The reform agenda is based on the three D's: removing Distortions to strengthen market competition and enhance the efficient allocation of resources in the economy; accelerating Diffusion of advanced technologies and management practices in China's economy,

taking advantage of the large remaining potential for catch-up growth; and fostering Discovery and nurturing China's competitive and innovative capacity as China approaches OECD incomes in the decades ahead and extends the global innovation and technology frontier.

Development and Modern Industrial Policy in Practice - Jesus Felipe 2015-04-24

Development and Modern Industrial Policy in Practice provides an up-to-date analysis of industrial policy. Modern industrial policy refers to the set of actions and strategies used to favor the more dynamic sectors of the economy. A key aspect of moder

Polymeric Materials - Marta Fernández-García 2019-05-28

This book collects the articles published in the Special Issue "Polymeric Materials: Surfaces, Interfaces and Bioapplications". It shows the advances in polymeric materials, which have tremendous applications in agricultural films, food packaging, dental restoration, antimicrobial

systems, and tissue engineering. These polymeric materials are presented as films, coatings, particles, fibers, hydrogels, or networks. The potential to modify and modulate their surfaces or their content by different techniques, such as click chemistry, ozonation, breath figures, wrinkle formation, or electrospray, are also explained, taking into account the relationship between the structure and properties in the final application.

Moreover, new trends in the development of such materials are presented, using more environmental friendly and safe methods, which, at the same time, have a high impact on our society.

Textbook of Plastic and Reconstructive Surgery - Deepak K. Kalaskar 2016-08-02

Written by experts from London's renowned Royal Free Hospital, Textbook of Plastic and Reconstructive Surgery offers a comprehensive overview of the vast topic of reconstructive plastic surgery and its various subspecialties for

introductory plastic surgery and surgical science courses. The book comprises five sections covering the fundamental principles of plastic surgery, cancer, burns and trauma, paediatric plastic surgery and aesthetic surgery, and covers the breadth of knowledge that students need to further their career in this exciting field. Additional coverage of areas in which reconstructive surgery techniques are called upon includes abdominal wall reconstruction, ear reconstruction and genital reconstruction. A chapter on aesthetic surgery includes facial aesthetic surgery and blepharoplasty, aesthetic breast surgery, body contouring and the evolution of hair transplantation. The broad scope of this volume and attention to often neglected specialisms such as military plastic surgery make this a unique contribution to the field. Heavily illustrated throughout, Textbook of Plastic and Reconstructive Surgery is essential reading for anyone interested in furthering their knowledge of this exciting field. This book was

produced as part of JISC's Institution as e-Textbook Publisher project. Find out more at <https://www.jisc.ac.uk/rd/projects/institution-as-e-textbook-publisher>

Tinnitus Handbook - Richard S. Tyler 2000
The overview and details of the common condition of tinnitus are covered for audiology, speech and language science students. Beginning with epidemiology, including classification, incidence in various populations and etiology, the volume also addresses the psychological profile of tinnitus patients. In addition the effects of tinnitus on lifestyle, employment, relationships and communication are included. Briefings cover insomnia, physiological and neural mechanisms, evaluation, management, surgery and childhood tinnitus. Therapy and treatment modalities are presented in detail.

[Drug Safety Data: How to Analyze, Summarize and Interpret to Determine Risk](#) - Michael J. Klepper 2010-10-25

Drug Safety Data: How to Analyze, Summarize and Interpret to Determine Risk was selected for The First Clinical Research Bookshelf - Essential reading for clinical research professionals by the Journal of Clinical Research Best Practices. Drug Safety Data: How to Analyze, Summarize and Interpret to Determine Risk provides drug safety/pharmacovigilance professionals, pharmaceutical and clinical research scientists, statisticians, programmers, medical writers, and technicians with an accessible, practical framework for the analysis, summary and interpretation of drug safety data. The only guide of its kind, Drug Safety Data: How to Analyze, Summarize and Interpret to Determine Risk is an invaluable reference for pre- and post-marketing risk assessment. With decades of pharmaceutical research and drug safety expertise, authors Dr. Klepper and Dr. Cobert discuss how quality planning, safety training, and data standardization result in significant cost, time, and resource savings. Through

illustrative, step-by-step instruction, Drug Safety Data: How to Analyze, Summarize and Interpret to Determine Risk is the definitive guide to drug safety data analysis and reporting. Key features include: * Step-by-step instruction on how to analyze, summarize and interpret safety data for mandatory governmental safety reports * Pragmatic tips...and mistakes to avoid * Simple explanations of what safety data are collected, and what the data mean * Practical approaches to determining a drug effect and understanding its clinical significance * Guidance for determining risk throughout the lifecycle of a drug, biologic or nutraceutical * Examples of user-friendly data displays that enhance safety signal identification * Ways to improve data quality and reduce the time, resources and costs involved in mandatory safety reporting * Relevant material for the required training of drug safety/pharmacovigilance professionals * SPECIAL FEATURE: Actual examples of an Integrated Analysis of Safety (IAS) -used in the

preparation of the Integrated Summary of Safety (ISS) and the Summary of Clinical Safety (SCS) reports -, and the Periodic Safety Update Report (PSUR)

Cloud Computing - Rajkumar Buyya

2010-12-17

The primary purpose of this book is to capture the state-of-the-art in Cloud Computing technologies and applications. The book will also aim to identify potential research directions and technologies that will facilitate creation a global market-place of cloud computing services supporting scientific, industrial, business, and consumer applications. We expect the book to serve as a reference for larger audience such as systems architects, practitioners, developers, new researchers and graduate level students. This area of research is relatively recent, and as such has no existing reference book that addresses it. This book will be a timely contribution to a field that is gaining considerable research interest, momentum, and

is expected to be of increasing interest to commercial developers. The book is targeted for professional computer science developers and graduate students especially at Masters level. As Cloud Computing is recognized as one of the top five emerging technologies that will have a major impact on the quality of science and society over the next 20 years, its knowledge will help position our readers at the forefront of the field.

Pathology of the Lungs E-Book - Bryan Corrin

2011-02-25

With an emphasis on practical diagnostic problem solving, Pathology of the Lungs, 3rd Edition provides the pulmonary pathologist and the general surgical pathologist with an accessible, comprehensive guide to the recognition and interpretation of common and rare neoplastic and non-neoplastic lung conditions. The text is written by two authors and covers all topics in a consistent manner without the redundancies or lapses that are

common in multi-authored texts. The text is lavishly illustrated with the highest quality illustrations which accurately depict the histologic, immunohistochemical and cytologic findings under consideration and it is supplemented throughout with practical tips and advice from two internationally respected experts. The user-friendly design and format allows rapid access to essential information and the incorporation throughout of relevant clinical and radiographic information makes it a complete diagnostic resource inside the reporting room. Approximately 1,000 high quality full color illustrations. Provides the user with a complete visual guide to each specimen and assists in the recognition and diagnosis of any slide looked at under the microscope. Comprehensive coverage of both common and rare lung diseases and disorders. One stop consultation resource for the reporting room or study, no need to go further to get questions answered. Clinical background and ancillary

radiographs incorporated throughout. Provides the user with all of the necessary diagnostic tools to make a complete and accurate pathologic report. Practical advice and tips from two of the world's recognized experts. Provides the trainee and general surgical pathologist with time saving diagnostic clues when dealing with difficult specimens. Consistent and uniform approach incorporated for each disease and disorder (Etiology, pathogenesis, clinical features, pathologic features, differential diagnosis) User-friendly format enables quick and easy navigation to the key information required. Extensive use of summary tables, charts and graphs throughout the text. Helps simplify and clarify complex concepts and facilitates "at a glance comparisons between entities. Extensive reference list highlights landmark articles as well as including most up-to-date citations. Directs the trainee and practitioner to the most recent and authoritative sources for further reading and investigation

Diagnosis and Management of Hypertrophic Cardiomyopathy - Barry J. Maron 2008-04-15
Diagnosis and Management of Hypertrophic Cardiomyopathy is a unique, multi-authored compendium of information regarding the complexities of clinical and genetic diagnosis, natural history, and management of hypertrophic cardiomyopathy (HCM)—the most common and important of the genetic cardiovascular diseases—as well as related issues impacting the health of trained athletes. Edited by Dr. Barry J. Maron, a world authority on HCM, and with major contributions from all of the international experts in this field, this book provides a single comprehensive source of information concerning HCM. Recent advances in the field are discussed, including the importance of left ventricular outflow tract obstruction, the use of implantable defibrillators for the prevention of sudden death in young people, definition of the genetic basis for HCM and its role in clinical diagnosis and

risk stratification, the development of more precise strategies for assessing the level of risk for sudden death among all patients with HCM, and the evolution of invasive interventions for heart failure symptoms, such as surgical management and its alternatives (alcohol septal ablation and dual-chamber pacing). Key Features: Contributions from all experts in the field, representing diverse viewpoints regarding this heterogeneous disease and related issues in athletes. Information to dispel misunderstandings regarding issues associated with HCM and cardiovascular disease in athletes. The only comprehensive source of information available on the topic.

Preventing Disease Through Healthy Environments - Annette Prüss-Üstün 2016

"The main message emerging from this new comprehensive global assessment is that premature death and disease can be prevented through healthier environments—and to a significant degree. Analysing the latest data on

the environment-disease nexus and the devastating impact of environmental hazards and risks on global health, backed up by expert opinion, this report covers more than 130 diseases and injuries. The analysis shows that 23% of global deaths (and 26% of deaths among children under five) are due to modifiable environmental factors--and therefore can be prevented. Stroke, ischaemic heart disease, diarrhoea and cancers head the list. People in low-income countries bear the greatest disease burden, with the exception of noncommunicable diseases. The report's unequivocal evidence should add impetus to coordinating global efforts to promote healthy environments--often through well-established, cost-effective interventions. This analysis will inform those who want to better understand the transformational spirit of the Sustainable Development Goals agreed by Heads of State in September 2015. The results of the analysis underscore the pressing importance of stronger

intersectoral action to create healthier environments that will contribute to sustainably improving the lives of millions around the world."--Page 4 of cover.

Measuring and Improving Social Impacts - Marc J. Epstein 2017-09-08

Identifying, measuring and improving social impact is a significant challenge for corporate and private foundations, charities, NGOs and corporations. How best to balance possible social and environmental benefits (and costs) against one another? How does one bring clarity to multiple possibilities and opportunities? Based on years of work and new field studies from around the globe, the authors have written a book for managers that is grounded in the best academic and managerial research. It is a practical guide that describes the steps needed for identifying, measuring and improving social impact. This approach is useful in maximizing the impact of different types of investments, including grants and donations, impact

investments, and commercial investments. With numerous examples of actual organizational approaches, research into more than fifty organizations, and extensive practical guidance and best practices, *Measuring and Improving Social Impacts* fills a critical gap.

Sentiment Analysis and Opinion Mining - Bing Liu 2012

Sentiment analysis and opinion mining is the field of study that analyzes people's opinions, sentiments, evaluations, attitudes, and emotions from written language. It is one of the most active research areas in natural language processing and is also widely studied in data mining, Web mining, and text mining. In fact, this research has spread outside of computer science to the management sciences and social sciences due to its importance to business and society as a whole. The growing importance of sentiment analysis coincides with the growth of social media such as reviews, forum discussions, blogs, micro-blogs, Twitter, and social networks.

For the first time in human history, we now have a huge volume of opinionated data recorded in digital form for analysis. Sentiment analysis systems are being applied in almost every business and social domain because opinions are central to almost all human activities and are key influencers of our behaviors. Our beliefs and perceptions of reality, and the choices we make, are largely conditioned on how others see and evaluate the world. For this reason, when we need to make a decision we often seek out the opinions of others. This is true not only for individuals but also for organizations. This book is a comprehensive introductory and survey text. It covers all important topics and the latest developments in the field with over 400 references. It is suitable for students, researchers and practitioners who are interested in social media analysis in general and sentiment analysis in particular. Lecturers can readily use it in class for courses on natural language processing, social media analysis, text mining,

and data mining. Lecture slides are also available online. Table of Contents: Preface / Sentiment Analysis: A Fascinating Problem / The Problem of Sentiment Analysis / Document Sentiment Classification / Sentence Subjectivity and Sentiment Classification / Aspect-Based Sentiment Analysis / Sentiment Lexicon Generation / Opinion Summarization / Analysis of Comparative Opinions / Opinion Search and Retrieval / Opinion Spam Detection / Quality of Reviews / Concluding Remarks / Bibliography / Author Biography

Considering Marijuana Legalization -

Jonathan P. Caulkins 2015-01-16

Marijuana legalization is a controversial and multifaceted issue that is now the subject of serious debate. In May 2014, Vermont Governor Peter Shumlin signed a bill requiring the Secretary of Administration to produce a report about various consequences of legalizing marijuana. This resulting report provides a foundation for thinking about the various

consequences of different policy options while being explicit about the uncertainties involved.

Precision Nutrition and Metabolic Syndrome Management - Alfredo Martinez 2018

Precision Nutrition and Metabolic Syndrome Management.

Novel Biomarkers in Alzheimer's Disease - Chiara Villa 2021-02-05

Alzheimer's disease (AD) represents the most common form of dementia in the elderly population worldwide. AD is characterized by progressive neurodegeneration that leads to a gradual deterioration of memory and other cognitive functions. Given the global prevalence and impact of AD, there is a critical need to establish biomarkers that can be used to detect AD in individuals before the onset of clinical signs and provide mitigating therapeutics. The aim of this Special Issue is to discuss the current knowledge as well as future perspectives on the role of biomarkers in the screening, diagnosis,

treatment and follow-up of AD.

Webs of Influence - Nathalie Nahai 2012-12-14

As legions of businesses scramble to set up virtual-shop, we face an unprecedented level of competition to win over and keep new customers online. At the forefront of this battleground is your ability to connect with your customers, nurture your relationships and understand the psychology behind what makes them click. In this book *The Web Psychologist*, Nathalie Nahai, expertly draws from the worlds of psychology, neuroscience and behavioural economics to bring you the latest developments, cutting edge techniques and fascinating insights that will lead to online success. *Webs of Influence* delivers the tools you need to develop a compelling, influential and profitable online strategy which will catapult your business to the next level - with dazzling results.

How Tobacco Smoke Causes Disease - 2010

This report considers the biological and behavioral mechanisms that may underlie the

pathogenicity of tobacco smoke. Many Surgeon General's reports have considered research findings on mechanisms in assessing the biological plausibility of associations observed in epidemiologic studies. Mechanisms of disease are important because they may provide plausibility, which is one of the guideline criteria for assessing evidence on causation. This report specifically reviews the evidence on the potential mechanisms by which smoking causes diseases and considers whether a mechanism is likely to be operative in the production of human disease by tobacco smoke. This evidence is relevant to understanding how smoking causes disease, to identifying those who may be particularly susceptible, and to assessing the potential risks of tobacco products.

Evolution of Cardio-Metabolic Risk from Birth to Middle Age - Gerald S. Berenson 2011-07-09

That precursors of adult coronary artery disease, hypertension, and type II diabetes begin in childhood have been clearly established by the

Bogalusa Heart Study. This unique research program has been able to follow a biracial (black/white) population over 35 years from childhood through mid-adulthood to provide perspectives on the natural history of adult heart diseases. Not only do these observations describe trajectories of cardio-metabolic risk variables leading to these diseases but provide a rationale for the need to begin prevention beginning in childhood. The trajectories of the burden of cardio-metabolic risk variables in the context of their fetal origin and chromosome telomere dynamics provide some insight into the metabolic imprinting in utero and aging process. The observed racial contrasts on cardio-metabolic risk variables implicate various biologic pathways interacting with environment contributing to the high morbidity and mortality from related diseases in our population. To address the seriousness of the onset of cardiovascular disease in youth, approaches to primordial prevention are described focussing

on childhood health education as an important aspect of Preventive Cardiology.

Aspergillus Fumigatus and Aspergillosis - Jean-Paul Latgé 2009

Offers the latest insights into the fundamental biology and pathogenesis of *A. fumigatus*. Provides a combined synopsis of both *A. fumigatus* and its diseases and therapies. Encompasses the most up-to-date knowledge to serve as a resource guide for the next decade of study on this organism and the many diseases it causes. Covers the fundamental biology of *A. fumigatus* including specific features in genetics, biochemistry, and cell biology that can explain the virulence of this opportunistic pathogen. Discusses the wide range of clinical infection, plus the latest diagnostic and treatment strategies, in specific patient populations.

Drug Discovery - Robert A. Maxwell 2012-12-06

This treatise had its origins in the authors' strong opinion that the discovery of new drugs, especially of innovative therapeutic agents,

really does not happen as a spontaneous sequel to investigative research, no matter how penetrating such research may be. Rather, it seemed to us that the discovery of innovative therapeutic agents was a very active process, existing in and of itself, and demanding full attention—it was not simply a passive, dependent by-product of investigative research. And yet, many researchers some close confreres of the authors, others more distant—believed otherwise. We felt that their view reflected unrealistic thinking and that reality probably lay closer to what Beyer" maintained: We are taught to believe that if we can understand a disease it should be easy enough to figure out, say, the molecular configuration of a definitive receptor mechanism somewhere along the line and to design a specific drug And so we start out to understand the disease but never get around to doing much about therapy. The authors very soon realized that there was essentially no quantitative information available on just where

and how innovative therapeutic agents were discovered. There were only anecdotal accounts, and these were able to be selected and presented in ways that could be used to defend any point of view.

A Geography Of Time - Robert N. Levine
2008-08-01

In this engaging and spirited book, eminent social psychologist Robert Levine asks us to explore a dimension of our experience that we take for granted—our perception of time. When we travel to a different country, or even a different city in the United States, we assume that a certain amount of cultural adjustment will be required, whether it's getting used to new food or negotiating a foreign language, adapting to a different standard of living or another currency. In fact, what contributes most to our sense of disorientation is having to adapt to another culture's sense of time. Levine, who has devoted his career to studying time and the pace of life, takes us on an enchanting tour of time

through the ages and around the world. As he recounts his unique experiences with humor and deep insight, we travel with him to Brazil, where to be three hours late is perfectly acceptable, and to Japan, where he finds a sense of the long-term that is unheard of in the West. We visit communities in the United States and find that population size affects the pace of life—and even the pace of walking. We travel back in time to ancient Greece to examine early clocks and sundials, then move forward through the centuries to the beginnings of “clock time” during the Industrial Revolution. We learn that there are places in the world today where people still live according to “nature time,” the rhythm of the sun and the seasons, and “event time,” the structuring of time around happenings (when you want to make a late appointment in Burundi, you say, “I’ll see you when the cows come in”). Levine raises some fascinating questions. How do we use our time? Are we being ruled by the clock? What is this doing to our cities? To our

relationships? To our own bodies and psyches? Are there decisions we have made without conscious choice? Alternative tempos we might prefer? Perhaps, Levine argues, our goal should be to try to live in a “multitemporal” society, one in which we learn to move back and forth among nature time, event time, and clock time. In other words, each of us must chart our own geography of time. If we can do that, we will have achieved temporal prosperity.

Pharmaceutical Dosage Forms - Herbert Lieberman 2020-08-26

Stressing the theory involved in formulating suspensions, emulsions, and colloidal drug products, this Second Edition of a well-received reference text highlights typical formulations, the avoidance of formulation pitfalls, and compliance with established regulatory principles.

Managing Disruptions in Business - Rajagopal 2022-02-22

This volume discusses business disruptions as

strategic to gain market competitiveness. It analyzes the convergence of innovation and technology, business practices, public policies, political ideologies, and consumer values to strengthen competitive business practices through disruptions. Bringing together contributions from global experts, the chapters add to knowledge on contemporary business models, business strategies, radical interventions in manufacturing, services, and marketing organizations. Disruptive innovations led by contemporary trends, tend to transform the market and consumers' landscape. These trends include shifts from closed to open models of innovation, servitization, and moving from conventional manufacturing and marketing paradigms to industry 4.0 business philosophy. Focused on the triadic themes of disruption, innovation, and management in emerging markets, this book serves as a valuable compendium for research in entrepreneurship development, regional business and

development, contemporary political ideologies, and changing social values.

Digital Entrepreneurship - Mariusz Soltanifar
2020-11-13

This open access book explores the global challenges and experiences related to digital entrepreneurial activities, using carefully selected examples from leading companies and economies that shape world business today and tomorrow. Digital entrepreneurship and the companies steering it have an enormous global impact; they promise to transform the business world and change the way we communicate with each other. These companies use digitalization and artificial intelligence to enhance the quality of decisions and augment their business and customer operations. This book demonstrates how cloud services are continuing to evolve; how cryptocurrencies are traded in the banking industry; how platforms are created to commercialize business, and how, taken together, these developments provide new

opportunities in the digitalized era. Further, it discusses a wide range of digital factors changing the way businesses operate, including artificial intelligence, chatbots, voice search, augmented and virtual reality, as well as cyber threats and data privacy management. "Digitalization mirrors the Industrial Revolution's impact. This book provides a complement of perspectives on the opportunities emanating from such a deep seated change in our economy. It is a comprehensive collection of thought leadership mapped into a very useful framework. Scholars, digital entrepreneurs and practitioners will benefit from this timely work." Gina O'Connor, Professor of Innovation Management at Babson College, USA "This book defines and delineates the requirements for companies to enable their businesses to succeed in a post-COVID19 world. This book deftly examines how to accomplish and achieve digital entrepreneurship by leveraging cloud computing, AI, IoT and other critical

technologies. This is truly a unique "must-read" book because it goes beyond theory and provides practical examples." Charlie Isaacs, CTO of Customer Connection at Salesforce.com, USA "This book provides digital entrepreneurs useful guidance identifying, validating and building their venture. The international authors developed new perspectives on digital entrepreneurship that can support to create impact ventures." Felix Staeritz, CEO FoundersLane, Member of the World Economic Forum Digital Leaders Board and bestselling author of FightBack, Germany Information Systems - John Gallaugher 2018

World Report on Ageing and Health - World Health Organization 2015-10-22
The WHO World report on ageing and health is not for the book shelf it is a living breathing testament to all older people who have fought for their voice to be heard at all levels of government across disciplines and sectors. - Mr

Bjarne Hastrup President International Federation on Ageing and CEO DaneAge This report outlines a framework for action to foster Healthy Ageing built around the new concept of functional ability. This will require a transformation of health systems away from disease based curative models and towards the provision of older-person-centred and integrated care. It will require the development sometimes from nothing of comprehensive systems of long term care. It will require a coordinated response from many other sectors and multiple levels of government. And it will need to draw on better ways of measuring and monitoring the health and functioning of older populations. These actions are likely to be a sound investment in society's future. A future that gives older people the freedom to live lives that previous generations might never have imagined. The World report on ageing and health responds to these challenges by recommending equally profound changes in the way health policies for

ageing populations are formulated and services are provided. As the foundation for its recommendations the report looks at what the latest evidence has to say about the ageing process noting that many common perceptions and assumptions about older people are based on outdated stereotypes. The report's recommendations are anchored in the evidence comprehensive and forward-looking yet eminently practical. Throughout examples of experiences from different countries are used to illustrate how specific problems can be addressed through innovation solutions. Topics explored range from strategies to deliver comprehensive and person-centred services to older populations to policies that enable older people to live in comfort and safety to ways to correct the problems and injustices inherent in current systems for long-term care.

Textbook of Diabetes - Richard I. G. Holt
2017-03-06

Now in its fifth edition, the Textbook of Diabetes

has established itself as the modern, well-illustrated, international guide to diabetes. Sensibly organized and easy to navigate, with exceptional illustrations, the Textbook hosts an unrivalled blend of clinical and scientific content. Highly-experienced editors from across the globe assemble an outstanding set of international contributors who provide insight on new developments in diabetes care and information on the latest treatment modalities used around the world. The fifth edition features an array of brand new chapters, on topics including: Ischaemic Heart Disease Glucagon in Islet Regulation Microbiome and Diabetes Diabetes and Non-Alcoholic Fatty Liver Disease Diabetes and Cancer End of Life Care in Diabetes as well as a new section on Psychosocial aspects of diabetes. In addition, all existing chapters are fully revised with the very latest developments, including the most recent guidelines from the ADA, EASD, DUK and NICE. Includes free access to the Wiley Digital Edition

providing search across the book, the full reference list with web links, illustrations and photographs, and post-publication updates Via the companion website, readers can access a host of additional online materials such as: 200 interactive MCQ's to allow readers to self-assess their clinical knowledge every figure from the book, available to download into presentations fully searchable chapter pdfs Once again, Textbook of Diabetes provides endocrinologists and diabetologists with a fresh, comprehensive and multi-media clinical resource to consult time and time again.

Vessel Health and Preservation: The Right Approach for Vascular Access - Nancy L. Moureau 2019-06-10

This Open access book offers updated and revised information on vessel health and preservation (VHP), a model concept first published in poster form in 2008 and in JVA in 2012, which has received a great deal of attention, especially in the US, UK and Australia.

The book presents a model and a new way of thinking applied to vascular access and administration of intravenous treatment, and shows how establishing and maintaining a route of access to the bloodstream is essential for patients in acute care today. Until now, little thought has been given to an intentional process to guide selection, insertion and management of vascular access devices (VADs) and by default actions are based on crisis management when a quickly selected VAD fails. The book details how VHP establishes a framework or pathway model for each step of the patient experience, intentionally guiding, improving and eliminating risk when possible. The evidence points to the fact that reducing fragmentation, establishing a pathway, and teaching the process to all stakeholders reduces complications with intravenous therapy, improves efficiency and diminishes cost. As such this book appeals to bedside nurses, physicians and other health professionals.

The Neuroscience of Tinnitus - Jos J. Eggermont
2012-05-24

Tinnitus - the perception of sound in the ear, in the absence of external sound - affects around 250 million people worldwide. It occurs in adults as well as in children, in war veterans and factory workers, in classical musicians, rockstars, and disc jockeys. Consequently, a history of recreational, occupational, and firearm noise exposure may all be associated with an increased likelihood of acquiring tinnitus. Being a subjective phenomenon, tinnitus is difficult to measure, though, in the past decade, it has become the subject of intensive scientific research. Research in neuroscience has revealed how tinnitus is generated by the brain when hearing loss occurs, and this research has played a part in helping us understand the cause, diagnosis, and treatment of this disorder. The Neuroscience of Tinnitus reviews our current knowledge of the neural substrates of tinnitus. It draws heavily on the author's own

extensive work in this field, and is divided into two parts, the first focusing on human models, the second on animal models. The book describes the search for the neural mechanisms that underlie the amplification process resulting in tinnitus, and ways to manage its maladaptive side effects. Based on over 1000 references and the author's own experience, both of tinnitus and the research into its mechanisms, this book is the most comprehensive single-author book on the market. It is a valuable reference source for auditory neuroscientists, and also to those in the fields of audiology, psychology, neurology, and otolaryngology.

Self Control in Society, Mind, and Brain - Ran Hassin 2010-04-12

This book presents social, cognitive and neuroscientific approaches to the study of self-control, connecting recent work in cognitive and social psychology with recent advances in cognitive and social neuroscience. In bringing together multiple perspectives on self-control

dilemmas from internationally renowned researchers in various allied disciplines, this is the first single-reference volume to illustrate the richness, depth, and breadth of the research in the new field of self control.

The Llobregat - Sergi Sabater 2012-06-02

The Llobregat belongs to the most thoroughly studied rivers in Europe and is a paradigm of the confluence of human and natural disturbances in a single basin. Because of its location in a very densely populated region and its Mediterranean character, the Llobregat supports a mixture of irregular flow, water abstraction, excess nutrients, mining debris, and a wide array of pollutants. The aquatic organisms strive to survive in a dramatically changing river that passes through a succession of dams, weirs and channels. The long-term river monitoring as well as the research that has been carried out in the river for a long time have provided an extensive knowledge of these disturbances and their effects on the biological communities. This book

highlights the available information, with emphasis on the hydrological, chemical and biological elements interspersed in the river. Experts in the field discuss the main nutrient patterns and pollutant occurrence and the responses of the biological quality elements as well as the river ecosystem to the overall natural and man-made influences.

Drug-Induced Liver Injury - 2019-07-13

Drug-Induced Liver Injury, Volume 85, the newest volume in the Advances in Pharmacology series, presents a variety of chapters from the best authors in the field. Chapters in this new release include Cell death mechanisms in DILI, Mitochondria in DILI, Primary hepatocytes and their cultures for the testing of drug-induced liver injury, MetaHeps an alternate approach to identify IDILI, Autophagy and DILI, Biomarkers and DILI, Regeneration and DILI, Drug-induced liver injury in obesity and nonalcoholic fatty liver disease, Mechanisms of Idiosyncratic Drug-Induced Liver Injury, the Evaluation and

Treatment of Acetaminophen Toxicity, and much more. Includes the authority and expertise of leading contributors in pharmacology Presents the latest release in the Advances in Pharmacology series

The Ebro River Basin - Damià Barceló

2011-01-05

The Ebro is a typical Mediterranean river characterized by seasonal low flows and extreme flush effects, with important agricultural and industrial activity that has caused heavy contamination problems. This volume deals with soil-sediment-groundwater related issues in the Ebro river basin and summarizes the results generated within the European Union-funded project AquaTerra. The following topics are highlighted: Hydrology and sediment transport and their alterations due to climate change, aquatic and riparian biodiversity in the Ebro watershed, occurrence and distribution of a wide range of priority and emerging contaminants, effects of chemical pollution on biota and

integration of climate change scenarios with several aspects of the Ebro's hydrology and potential impacts of climate change on pollution. The primary objective of the book is to lay the foundation for a better understanding of the behavior of environmental pollutants and their fluxes with respect to climate and land use changes.

Livestock in a Changing Landscape, Volume 2 - Pierre Gerber 2010-01-29

Volume 2 explores needs and draws experience from region-specific contexts and detailed case studies.

Fragment-Based Drug Discovery - Steven Howard 2015-07-03

Fragment-based drug discovery is a rapidly evolving area of research, which has recently seen new applications in areas such as epigenetics, GPCRs and the identification of novel allosteric binding pockets. The first fragment-derived drug was recently approved for the treatment of melanoma. It is hoped that

this approval is just the beginning of the many drugs yet to be discovered using this fascinating technique. This book is written from a Chemist's perspective and comprehensively assesses the impact of fragment-based drug discovery on a wide variety of areas of medicinal chemistry. It will prove to be an invaluable resource for medicinal chemists working in academia and industry, as well as anyone interested in novel drug discovery techniques.

Tinnitus: Pathophysiology and Treatment - Aage R. Moller 2007-11-16

Understanding tinnitus and treating patients with tinnitus must involve many disciplines of basic science and clinical practice. The book provides comprehensive coverage of a wide range of topics related to tinnitus including its pathophysiology, etiology and treatment. The chapters are written by researchers and clinicians who are active in the areas of basic science such as neurophysiology and neuroanatomy and in clinical specialties of

psychology, psychiatry, audiology and otolaryngology. * Comprehensive coverage of the pathology and cause of tinnitus including

genetics * Hyperacusis, phonophobia and other abnormalities in perception of sounds * The role of neural plasticity in tinnitus