

List Of International Pharmaceutical Journals

The use of analytical sciences in the discovery, development and manufacture of pharmaceuticals is wide-ranging. From the analysis of minute amounts of complex biological materials to the quality control of the final dosage form, the use of analytical technology covers an immense range of techniques and disciplines. This book concentrates on the analytical aspects of drug development and manufacture, focusing on the analysis of the active ingredient or drug substance. It provides those joining the industry or other areas of pharmaceutical research with a source of reference to a broad range of techniques and their applications, allowing them to choose the most appropriate analytical technique for a particular purpose. The volume is directed at analytical chemists, industrial pharmacists, organic chemists, pharmaceutical chemists and biochemists.

This book systematically explores the emerging legal discipline of Earth System Law (ESL), challenging the closed system of law and marking a new era in law and society scholarship. Law has historically provided stability, certainty, and predictability in the ordering of social relations (predominantly between humans). However, in recent decades the Earth's relationship in law has changed with increasing recognition of the standing of Mother Earth, inherent rights of the environment (such as flora and fauna, rivers), and now recognition of the multiple relations of the Anthropocene. This book questions the fundamental assumption that 'the law' only applies to humans, and that the earth, as a system, has intrinsic rights and responsibilities. In the last ten years the planet has experienced its hottest period since human evolution, and by the year 2100, unless substantive action is taken, many species will be lost, and planetary conditions will be intolerable for human civilisation as it currently exists. Relationships between humans, the biosphere, and all planetary systems must change. The authors address these challenging topics, setting the groundwork of ESL to ensure sustainable development of the coupled socio-ecological system that the Earth has become. Earth System Law is an interdisciplinary and transdisciplinary research project, and, as such, this book will be of great interest to researchers and stakeholders from a wide range of disciplines, including political science, anthropology, economics, law, ethics, sociology, and psychology.

Argues that doctors are deliberately misinformed by profit-seeking pharmaceutical companies that casually withhold information about drug efficacy and side effects, explaining the process of pharmaceutical data manipulation and its global consequences. By the best-selling author of *Bad Science*.

This fully revised third edition brings a fresh approach to the fundamentals of mass media and communication law in a presentation that undergraduate students find engaging and accessible. Designed for students of communication that are

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new to law, this volume presents key principles and emphasizes the impact of timely, landmark cases on today's media world, providing an applied learning experience. This new edition offers expanded coverage of digital media law and social media, a wealth of new case studies, expanded discussions of current political, social, and cultural issues, and new features focused on ethical considerations and on international comparative law. Communication Law serves as a core textbook for undergraduate courses in communication and mass media law. Online resources for instructors, including an Instructor's Manual, Test Bank, and PowerPoint slides, are available at:

www.routledge.com/9780367546694

Veterinary Pharmacology and Therapeutics, Tenth Edition is a fully updated and revised version of the gold-standard reference on the use of drug therapy in all major veterinary species. Provides current, detailed information on using drug therapies in all major domestic animal species Organized logically by drug class and treatment indication, with exhaustive information on the rational use of drugs in veterinary medicine Includes extensive tables of pharmacokinetic data, products available, and dosage regimens Adds new chapters on pharmaceuticals, ophthalmic pharmacology, food animal pharmacology, and aquatic animal pharmacology Includes access to a companion website with the figures from the book in PowerPoint

There has been a rapid evolution in the field of inhalation drug therapy, including new drugs, increased regulation and quality control, and strong pressure from generics. Inhalation Drug Therapy brings together the most current inhalation drug research, as well as practical developments and processes, into one essential guide. Focusing on inhalation products and specific equipment and techniques used in manufacturing and quality control, the book balances research with the industrial aspects of creating the drugs, and features a highly regarded author team with both academic and industry experience.

This richly updated third edition of Math Instruction for Students with Learning Difficulties presents a research-based approach to mathematics instruction designed to build confidence and competence in pre- and in-service PreK-12 teachers. Referencing benchmarks of both the National Council of Teachers of Mathematics (NCTM) and Common Core State Standards for Mathematics (CCSSM), this essential text addresses teacher and student attitudes towards mathematics as well as language issues, specific mathematics disabilities, prior experiences, and cognitive and metacognitive factors. Chapters on assessment and instruction precede strands that focus on critical concepts. Filled with suggestions for class activities and field extensions, the Third Edition has been updated to reflect current research and features expanded sections on online learning and family collaboration, as well as innovative new content on multi-tiered systems of support (MTSS) as they apply to mathematics instruction.

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The book narrates the last days of the once prominent Jewish community of Thessaloniki, the overwhelming majority of which was transported to the Nazi death camp of Auschwitz in 1943. Focusing on the Holocaust of the Jews of Thessaloniki, this book maps the reactions of the authorities, the Church and the civil society as events unfolded. In so doing, it seeks to answer the questions, did the Christian society of their hometown stand up to their defense and did they try to undermine or object to the Nazi orders? Utilizing new sources and interpretation schemes, this book will be a great contribution to the local efforts underway, seeking to reconcile Thessaloniki with its Jewish past and honour the victims of the Holocaust. The first study to examine why 95 percent of the Jews of Thessaloniki perished—one of the highest percentages in Europe—this book will appeal to students and scholars of the Holocaust, European History and Jewish Studies.

Praise is perhaps the most widely used technique to influence others. When used appropriately, praise can motivate people, make them feel better, and improve their social relationships. Often, however, praise fails to work as intended and may even cause harm. *Psychological Perspectives on Praise* reviews and integrates psychological theory and research to provide an overarching perspective on praise. With contributions from leading scholars in the field, this book amalgamates diverse theoretical and empirical perspectives on praise. The book starts with providing an overview of prominent theories that seek to explain the effects of praise, including self-enhancement theory, self-verification theory, attribution theory, and self-determination theory. It then discusses several lines of empirical research on how praise impacts competence and motivation, self-perceptions (e.g., self-esteem and narcissism), and social relationships. It does so in a range of contexts, including children's learning at school, employees' commitment at work, and people's behavior within romantic relationships. The book concludes by showing how praise can be understood in its developmental and cultural context. Revealing that praise is a message rich in information about ourselves and our social environments, this book will be of interest to social, organizational, personality, developmental, and educational psychologists; students in psychology and related disciplines; and practitioners including teachers, managers, and counselors who use praise in their daily practice.

Written by two experienced toxicology lecturers, *Principles of Toxicology* provides a broad-based yet in-depth introduction to this diverse subject. Comprehensive and easy-to-read, the book covers this broad and interdisciplinary field from the viewpoint of three different functional levels: molecular and cellular; physiological; and ecological and environmental. This revised second edition expands the coverage of the book while keeping the organizational format that made the first edition a bestseller. It also includes a series of brief case studies illustrating the application of toxicological principles to current issues of interest. Each and every chapter has been revised, several have been

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significantly rewritten, and three are entirely new. This new edition retains the extensive cross-referencing system that links all sections and enhances the integration of material. It also includes an appendix of selected toxicants that describes chemical structure and category of use. These features combine to make finding specific information quick and easy. The highly readable format and uniform, consistent presentation of information will make this the most used reference on your shelf. See what's new in the second edition:

Dear Colleagues, In recent years, functional coating technology has attracted increased attention due to its effective potential for improved engineered materials. Growing demand for new materials with synergistic properties pushed research toward a new field to obtain innovative and smart coatings with functional capabilities that greatly differ from the conventional ones. In such a context, the expression of “functional coatings” has acquired specific relevance. This Special Issue will assess cutting-edge developments in this research area for the improvement and growth of actual performance, industrial scale-up, and marketability of functional coatings. This Special Issue is useful for researchers who are approaching this application context to improve their knowledge, with the aim of providing valuable scientific support for new research paths concerning functional surface engineering design and tailoring. Prof. Luigi Calabrese, Prof. Edoardo Proverbio Guest Editors

Molecular modeling techniques have been widely used in drug discovery fields for rational drug design and compound screening. Now these techniques are used to model or mimic the behavior of molecules, and help us study formulation at the molecular level. Computational pharmaceutics enables us to understand the mechanism of drug delivery, and to develop new drug delivery systems. The book discusses the modeling of different drug delivery systems, including cyclodextrins, solid dispersions, polymorphism prediction, dendrimer-based delivery systems, surfactant-based micelle, polymeric drug delivery systems, liposome, protein/peptide formulations, non-viral gene delivery systems, drug-protein binding, silica nanoparticles, carbon nanotube-based drug delivery systems, diamond nanoparticles and layered double hydroxides (LDHs) drug delivery systems. Although there are a number of existing books about rational drug design with molecular modeling techniques, these techniques still look mysterious and daunting for pharmaceutical scientists. This book fills the gap between pharmaceutics and molecular modeling, and presents a systematic and overall introduction to computational pharmaceutics. It covers all introductory, advanced and specialist levels. It provides a totally different perspective to pharmaceutical scientists, and will greatly facilitate the development of pharmaceutics. It also helps computational chemists to look for the important questions in the drug delivery field. This book is included in the Advances in Pharmaceutical Technology book series.

The Textbook of Pharmacoepidemiology provides a streamlined text for evaluating the safety and effectiveness of

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medicines. It includes a brief introduction to pharmacoepidemiology as well as sections on data sources, methodology and applications. Each chapter includes key points, case studies and essential references. One-step resource to gain understanding of the subject of pharmacoepidemiology at an affordable price Gives a perspective on the subject from academia, pharmaceutical industry and regulatory agencies Designed for students with basic knowledge of epidemiology and public health Includes many case studies to illustrate pharmacoepidemiology in real clinical setting

This book provides up-to-date and practical knowledge in all aspects of whole slide imaging (WSI) by experts in the field. This includes a historical perspective on the evolution of this technology, technical aspects of making a great whole slide image, the various applications of whole slide imaging and future applications using WSI for computer-aided diagnosis The goal is to provide practical knowledge and address knowledge gaps in this emerging field. This book is unique because it addresses an emerging area in pathology for which currently there is only limited information about the practical aspects of deploying this technology. For example, there are no established selection criteria for choosing new scanners and a knowledge base with the key information. The authors of the various chapters have years of real-world experience in selecting and implementing WSI solutions in various aspects of pathology practice. This text also discusses practical tips and pearls to address the selection of a WSI vendor, technology details, implementing this technology and provide an overview of its everyday uses in all areas of pathology. Chapters include important information on how to integrate digital slides with laboratory information system and how to streamline the “digital workflow” with the intent of saving time, saving money, reducing errors, improving efficiency and accuracy, and ultimately benefiting patient outcomes. Whole Slide Imaging: Current Applications and Future Directions is designed to present a comprehensive and state-of-the-art approach to WSI within the broad area of digital pathology. It aims to give the readers a look at WSI with a deeper lens and also envision the future of pathology imaging as it pertains to WSI and associated digital innovations. Iron is an essential element for almost all organisms, a cofactor playing a crucial role in a number of vital functions, including oxygen transport, DNA synthesis, and respiration. However, its ability to exchange electrons renders excess iron potentially toxic, since it is capable of catalyzing the formation of highly poisonous free radicals. As a consequence, iron homeostasis is tightly controlled by sophisticated mechanisms that have been partially elucidated. Because of its biological importance, numerous disorders have been recently linked to the deregulation of iron homeostasis, which include not only the typical disorders of iron overload and deficiency but also cancer and neurodegenerative diseases. This leads iron metabolism to become an interesting therapeutic target for novel pharmacological treatments against these diseases. Several therapies are currently under development for hematological disorders, while other are being considered for different pathologies. The therapeutic targeting under study includes the hepcidin/ferroportin axis for the

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regulation of systemic iron homeostasis, complex cytosolic machineries for the regulation of the intracellular iron status and its association with oxidative damage, and reagents exploiting proteins of iron metabolism such as ferritin and transferrin receptor. A promising potential target is a recently described form of programmed cell death named ferroptosis, in which the role of iron is essential but not completely clarified. This Special Issue has the aim to summarize the state-of-the-art, and the latest findings published in the iron field, as well as to elucidate future directions.

This book examines the discursive formation of nuclear power in Japan to provide insights into the ways this technology has been both promoted and resisted, constituting and being constituted by Japan's sociocultural landscape. Each chapter pays close attention to a particular discursive site, including newspaper editorials, public relations campaigns, local site fights, urban antinuclear activism, and post-Fukushima pronuclear and antinuclear articulations. The book also raises the question of democracy and sustainability through the examination of nuclear power discourses. It demonstrates the power of discourse in shaping nuclear power by creating knowledge, influencing decisions, relationships, identity and community. Readers will gain a range of insights from the book: prominent articulations on nuclear power discourse; state and corporate strategies for enticing consent for controversial facilities and technologies; the power of the media in framing public knowledge; the role of social movements and activism in civic society; the power of community; and nuclear power as a problematic in representative democracy and sustainability. This book will appeal to students and scholars interested in social discourse, social movements, Japanese society, cultural studies, environmental communication, media analysis, energy and sustainability, and democracy, among others.

The research presented in this book explores care and its circulation in Chinese transnational families that are split between China and Spain, and the paths these families' children have taken through their lives so far: from their early years to their current position as young adults, with care, in its multiple dimensions and timescales – past, present and future – as the unifying thread. In doing so, it provides a contribution to the emerging body of research about care and transnational families and it posits the need to question hegemonic models of family, childhood and care, and to give voice and visibility to other actors, moving beyond the adult-centred perspective that dominates migration research. The ethnographic approach together with the focus on the day-to-day lives of these families, in which care is the core concept, as it permeates people's lives and traverses society generationally, makes this book appealing to both scholars and general public.

The 2019 MPDI Writing Prize invited early stage researchers who are not native English speakers to write on the subject of "how research should be evaluated and how researchers should be rewarded". Six prizes were awarded, however there were many more entries. This book collates many of those entries and contains inspiring, thought-provoking and

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original viewpoints of open science through the eyes of those conducting research on a daily basis.

The multi-faceted tensions created in developing countries between a burgeoning popular desire for democracy and the harsh imperatives of modernisation and industrialisation are nowhere more evident than in the so-called 'Asian tiger' nations. Of all those nascent economies, South Korea in the 1960s and 1970s stands pre-eminent for the magnitude and speed of its development and the extraordinarily oppressive and inhumane conditions that its labour force, mainly women and young girls, were compelled to endure. The author of this book was one of those young girls who suffered in the warren of sweat-shop garment factories in the slums of central Seoul. With little or no support from male co-workers, and despite their political naivety and the traditionally subordinate status of Korean females, the women textile and garment workers confronted the ruling authority at all levels. The author's mother was one of their leaders, and her eldest brother sacrificed his life for their cause. Despite appalling state-directed violence, betrayal by erstwhile colleagues, the chicanery and mendacity of employers' cooperatives and countless other setbacks, these uneducated and overworked women finally succeeded in forming the first fully democratic trade union in the history of Korea. Based on compelling personal accounts this is the first published account of the women's struggle, and it throws much light on the process of modernisation and industrialisation in Korea and beyond.

"The Guide, in Part I, begins with a brief description of generalized CEA and how it relates to the two questions raised above. It then considers issues relating to study design, estimating costs, assessing health effects, discounting, uncertainty and sensitivity analysis, and reporting results. Detailed discussions of selected technical issues and applications are provided in a series of background papers, originally published in journals, but included in this book for easy reference in Part II." (from the back cover).

This highly illustrated, step-by-step guide gives detailed instructions for dozens of different manipulation techniques, covering all levels of the spine, thorax, and pelvis. It also includes a helpful overview of the principles and theory of spinal manipulation and its use in clinical practice. The accompanying DVD contains video clips demonstrating the techniques described in the book. The new edition is a highly illustrated, step-by-step guide to 41 manipulation techniques commonly used in clinical practice. The book also provides the related theory essential for safe and effective use of manipulation techniques.

Regulatory Affairs in the Pharmaceutical Industry is a comprehensive reference that compiles all the information available pertaining to regulatory procedures currently followed by the pharmaceutical industry. Designed to impart advanced knowledge and skills required to learn the various concepts of regulatory affairs, the content covers new drugs, generic drugs and their development, regulatory filings in different countries, different phases of clinical trials, and the submission of regulatory documents like IND (Investigational New Drug), NDA (New Drug

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Application) and ANDA (Abbreviated New Drug Application). Chapters cover documentation in the pharmaceutical industry, generic drug development, code of Federal Regulation (CFR), the ANDA regulatory approval process, the process and documentation for US registration of foreign drugs, the regulation of combination products and medical devices, the CTD and ECTD formats, and much more. Updated reference on drug approval processes in key global markets Provides comprehensive coverage of concepts and regulatory affairs Presents a concise compilation of the regulatory requirements of different countries Introduces the fundamentals of manufacturing controls and their regulatory importance

This book explores how the Chinese government reasserts its control and management of public spaces as part of its overall counter-terrorism strategy. The work focuses primarily on the banal and alternative forms that China's 'war on terror' takes: the everyday, non-military, socio-economic and spatio-material. It presents three different cases of control associated with the state's effort to manage material, social and digital public spaces as remedies to terrorism and ethnic unrest in China: the redevelopment project of Kashgar—the 'home' of Uyghur culture—from 2001 to 2017; the forging of local partnerships with potential agents (i.e. the local cadres and imams in Xinjiang) as part of the process of implementing counter-terrorism policies; and an online campaign about international terrorism that appeared on Sina Weibo. Using securitization theory as a theoretical framework, the book establishes links between human geography and critical security studies and advances the understanding of non-confrontational forms of resistance in China. It also focuses attention on the binary relationship between the securitizing agency of the state and the counter-securitization agency of 'terrorists', while also exploring the manner in which other societal forces interact with these processes. This book will be of interest to students of critical terrorism studies, Chinese studies, human geography, and security studies.

This work investigates the material culture of public temperatures in New York City. Numbers like temperature, while ubiquitous and indispensable to capitalized social relations, are often hidden away within urban infrastructures evading attention. This Archaeology of Temperature brings such numbers to light, interrogating how we construct them and how they construct us. Building on discussions in contemporary archaeology this book challenges the border between material and discursive culture, advocating for a novel conception of capitalism's artifacts. The artifacts examined within (temperatures) are instantaneous electric pulses, algorithmic outputs, and momentary fluctuations in mercury. The artifacts of the capitalized never sit still, operating at subatomic and solar scales. Temperatures, as numerical materials precariously straddling the colonially constructed nature-culture divide, exemplify the abstraction necessary to pursue the perpetually accelerating asymmetrical growth of wealth—a pursuit that engenders multiple environmental and economic calamities. An Archaeology of Temperature innovatively reimagines theory and method within contemporary archaeology. Equally, in plummeting the depths of temperature, this book offers indispensable contributions to science studies, urban geography, semiotics, the philosophy of materiality, the history of thermodynamics, heterodox economics, performative scholarship, and queer ecocriticism.

This book introduces "network pharmacology" as an emerging frontier subject of systematic drug research in the era of artificial intelligence and big data. Network Pharmacology is an original subject of fusion system biology, bioinformatics, network science and other related disciplines. It emphasizes on starting from the overall perspective of the system level and biological networks, the analysis of the laws of molecular association between drugs and their treatment objects, reveals the systematic pharmacological mechanisms of drugs, and guides the research and development of new drugs and clinical diagnosis and treatment. After it was proposed, network pharmacology has been paid attention by researchers, and it has been rapidly developed and widely used. In order to systematically reveal the biological basis of

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diagnosis and treatment in traditional Chinese medicine and modern medicine, we proposed a new concept of "network target" for the first time, which has become the core theory of "network pharmacology". The core principle of a network target is to construct a biological network that can be used to decipher complex diseases. The network is then used as the therapeutic target, to which multicomponent remedies are applied. This book mainly includes four parts: 1) The concept and theory of network pharmacology; 2) Common analysis methods, databases and software in network pharmacological research; 3) Typical cases of traditional Chinese medicine modernization and modern drug research based on network pharmacology; 4) Network pharmacology practice process based on drugs and diseases.

Female solo aerialists of the 1920s and early 1930s were internationally popular performers in the largest live performance mass entertainment of the period in the UK and USA. Yet these aerialists and this period in circus history have been largely forgotten despite the iconic image of 'the' female aerialist still flaring in the popular imagination. Kate Holmes uses insights gained as a practitioner to reconstruct in detail the British and American performances and public personae of key stars such as Lillian Leitzel, Luisita Leers, and the Flying Codonas, revealing what is performed and implicit in today's practice. Using a wealth of original sources, this book considers the forgotten stars whose legacy of the cultural image of the female aerialist echoes. Locating performers within wider cultural histories of sport, glamour, and gender, this book asks important questions about their stardom, including: Why were female aerialists so alluring when their muscularity challenged conservative ideals of femininity and how did they participate in change? What was it about their movements and the spaces they performed in that activated such strong audience responses? This book is vital reading for students and practitioners of aerial performance, circus, gender, popular performance, and performance studies.

The Handbook of Systemic Drug Treatment in Dermatology helps prescribers and patients make rational decisions about drug treatment while considering known risks and potential unwanted effects. Written for dermatologists, family practitioners, pharmacists, and specialist nurses, this completely revised and updated second edition of a bestseller provides

The Elements of Style is an American English writing style guide in numerous editions. The original was composed by William Strunk Jr. in 1918, and published by Harcourt in 1920, comprising eight "elementary rules of usage", ten "elementary principles of composition", "a few matters of form", a list of 49 "words and expressions commonly misused", and a list of 57 "words often misspelled". E. B. White greatly enlarged and revised the book for publication by Macmillan in 1959. That was the first edition of the so-called Strunk & White, which Time named in 2011 as one of the 100 best and most influential books written in English since 1923.

This book contains original papers and reviews on carbohydrate research in medicine, authored by participants of the 29th International Carbohydrate Symposium, where this topic had a special emphasis. The focus on biological events involving carbohydrates and glycoconjugates has delivered reliable approaches for disease treatment and diagnosis. Research on carbohydrate-based compounds for therapeutic applications is illustrated in various contributions, namely those covering the development of novel agents against Alzheimer's disease, e.g. the neuroprotective C-glucosylated flavones and the isonucleoside-based cholinesterase inhibitors. New imino sugar glucosidase inhibitors are also disclosed, a class of compounds with potential for diabetes, Gaucher disease or cancer treatment. Also the development of a useful synthetic method towards multivalent glycoclusters of biomedical interest is here highlighted. The relevance of

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glycomimetics in drug discovery and the progress on carbohydrates in early diagnosis and cancer treatment are reviewed. Noteworthy is the chitosan-based delivery system for drug oral administration, a new biomaterial-based approach to improve bioavailability. Another study on the conformation of Streptococcus capsular polysaccharide backbones by molecular modelling provides useful information for bacterial immunotherapeutic approaches. All original contributions and reviews clearly demonstrate the potential of glycosciences for innovation in medicinal (glyco)chemistry and pharmaceutical research.

Pandemic Performance chronicles the many ways that people are surviving/thriving through performance in a global pandemic. Covering artists and events from across the United States: from New York to California and from South Dakota to Texas, the chapters are equal parts theory and practice, weaving scholarship with personal experience from contributors who are interdisciplinary artists, scholars, journalists, and community organizers providing unique and invaluable perspectives on the complicated work of resilience during COVID-19. This study will hold interest for students and scholars in the performing arts, arts, and social justice as well as professional artmakers and creative community organizers.

Mapping Urban Spaces focuses on medium-sized European cities and more specifically on their open spaces from psychological, sociological, and aesthetic points of view. The chapters illustrate how the characteristics that make life in medium-sized European cities pleasant and sustainable – accessibility, ease of travel, urban sustainability, social inclusiveness – can be traced back to the nature of that space. The chapters develop from a phenomenological study of space to contributions on places and landscapes in the city. Centralities and their meaning are studied, as well as the social space and its complexity. The contributions focus on history and theory as well as concrete research and mapping approaches and the resulting design applications. The case studies come from countries around Europe including Poland, Italy, Greece, Germany, and France, among others. The book will be of interest to students, scholars, and practitioners in architecture, urban planning, and landscape architecture.

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