Dictionary Of Pharmaceutical Medicine

The Textbook of Pharmaceutical Medicine Pharmaceutical Medicine and Translational Clinical Research Dictionary of Pharmaceutical Medicine Pharmaceutical Medicine **Dictionary of Pharmaceutical Medicine Bad Pharma** Careers with the Pharmaceutical Industry *Medical Monopoly* The Encyclopedia of Pharmaceutical Drugs *The Textbook of Pharmaceutical Medicine* Drugs for Life **Countering the Problem of Falsified and Substandard Drugs** *Understanding Drugs Markets* **The Risks of Prescription Drugs Drug Safety Data** An Introduction to Pharmaceutical Sciences **A Practical Approach to Pharmaceutical Policy** Handbook of Pharmaceutical Public Policy *Marijuana As Medicine?* 3D Printing of Pharmaceuticals **Medical Research for Hire** *The Truth About the Drug Companies* **The Quality Control of Medicines The Colonial Life of Pharmaceuticals** *Global Pharmaceutical Policy* Conflict of Interest in Medical Research, Education, and Practice **The Context of Medicines in Developing Countries Drug Information Pharmaceutical Freedom** *Leadership in the Life Sciences Drug Stability for Pharmaceutical Scientists* **Blockbuster Drugs** Illicit Medicines in the Global South *The Politics of the Pharmaceutical Industry and Access to Medicines Nuclear Medicine in Pharmaceutical Research* **Sterile Drug Products The Global Politics of Pharmaceutical Monopoly Power Access to Medicines as a Human Right** *TRIPS and Access to Medicines* **Making Medicines**

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Access to Medicines as a Human Right Aug 28 2019 According to the World Health Organization, one-third of the global population lacks access to essential medicines. Should pharmaceutical companies be ethically or legally responsible for providing affordable medicines for these people, even though they live outside of profitable markets? Can the private sector be held accountable for protecting human beings' right to health? This thought-provoking interdisciplinary collection grapples with corporate responsibility for the provision of medicines in low- and middle-income countries. The book begins with an examination of human rights, norms, and ethics in relation to the private sector, moving to consider the tensions between pharmaceutical companies' social and business duties. Broad examinations of global conditions are complemented by case studies illustrating different approaches for addressing corporate conduct. Access to Medicines as a Human Right identifies innovative solutions applicable in both global and domestic forums, making it a valuable resource for the vast field of scholars, legal practitioners, and policymakers who must confront this challenging issue.

Pharmaceutical Freedom Jun 06 2020 Jessica Flanigan defends patients' rights of self-medication on the grounds that same moral reasons against medical paternalism in clinical contexts are also reasons against paternalistic pharmaceutical policies, including prohibitive approval processes and prescription requirements.--

Dictionary of Pharmaceutical Medicine Sep 02 2022 This dictionary is aimed primarily at the beginners entering the new discipline of Pharmaceutical Medicine, an area comprising aspects of toxicology, pharmacology, pharmaceutics, epidemiology, statistics, drug regulatory and legal affairs, medicine and marketing. But also more experienced colleagues in departments engaged in clinical development as well as researchers and marketing experts in the pharmaceutical industry will find concise and up-to-date information. The book is completed by a list of a about 1000 abbreviations encountered in pharmaceutical medicine and a compilation of important addresses of national and international health authorities.

Drugs for Life Dec 25 2021 Challenges our understanding of health, risks, facts, and clinical trials [Payot]

Illicit Medicines in the Global South Feb 01 2020 This book investigates pharmaceutical regulation and the public health issue of fake or illicit medicines in developing countries. The book analyses the evolution of pharmaceutical capitalism, showing how the entanglement of market and health interests has come to shape global regulation. Drawing on extensive fieldwork in India, Kenya and Europe, it demonstrates how large pharmaceutical companies have used the fight against fake medicines to serve their strategic interests and protect their monopolies, sometimes to the detriment of access to medicines in developing countries. The book investigates how the contemporary dynamics of pharmaceutical power in global markets have gone on to shape societies locally, resulting in more security-oriented policies. These processes highlight the key consequences of contemporary "logistical regimes" for access to health. Providing important insights on how the flows of commodities, persons, and knowledge shape contemporary access to medicines in the developing countries, this book will be of considerable interest to policy makers and regulators, and to scholars and students across sociology, science and technology studies, global health, and development studies.

Blockbuster Drugs Mar 04 2020 "This book uses the cases of several landmark drugs to discuss the history of the pharmaceutical industry, and discusses what could be next"--Provided by publisher.

The Politics of the Pharmaceutical Industry and Access to Medicines Jan 02 2020 Some papers presented at a conference held at Hyderabad in September 2010.

The Quality Control of Medicines Dec 13 2020 The Quality Control of Medicines documents the proceedings of the 35th International Congress of Pharmaceutical Sciences, organized by the Pharmaceutical Society of Ireland on behalf of the Federation Internationale Pharmaceutique, held in Dublin, on 1-5 September 1975. The theme chosen for the Congress was ""the basis for the quality control of medicines"", because of the importance and relevance of quality control in the production and distribution of medicines at national and international levels. This volume is arranged according to the manner in which the theme of the Congress was developed by the eminent invited speakers. Following the inaugural address a main symposium was held where five speakers presented a review of the quality control of medicines under the general headings of (i) chemical and physical aspects; (ii) biological aspects; (iii) control of drug delivery systems; (iv) storage problems; and (v) problems of international control. Certain aspects of the content of the main symposium were then developed in greater depth in parallel symposia. In the first parallel symposium some novel physicochemical aspects of the quality control of medicines were treated under the headings of spectrofluorimetry, mass spectrometry, detection in gas chromatography, and automation in pharmaceutical analysis. The second parallel symposium developed certain microbiological aspects of quality control under the headings of sterility testing and microbiological control of non-sterile products and ophthalmic preparations. The final symposium on submissions to regulatory bodies and international aspects of drug control covered aspects of politics in submissions, regulatory problems in small countries, and various pharmacopoeial problems.

Nuclear Medicine in Pharmaceutical Research Dec 01 2019 This text defines the role and scope of nuclear medicine imaging techniques (gamma scintigraphy) in pharmaceutical research, giving information from clinical trial data.

The Colonial Life of Pharmaceuticals Nov 11 2020 Innovative examination of the early globalization

of the pharmaceutical industry, arguing that colonialism was crucial to the worldwide diffusion of modern medicines.

The Textbook of Pharmaceutical Medicine Jan 26 2022 New edition of succesful standard reference book for the pharmaceutical industry and pharmaceutical physicians! The Textbook of Pharmaceutical Medicine is the coursebook for the Diploma in Pharmaceutical Medicine, and is used as a standard reference throughout the pharmaceutical industry. The new edition includes greater coverage of good clinical practice, a completely revised statistics chapter, and more on safety. Covers the course information for the Diploma in Pharmaceutical Medicine Fully updated, with new authors Greater coverage of good clinical practice and safety New chapters on regulation of medical devices in Europe and regulation of therapeutic products in Australia

Handbook of Pharmaceutical Public Policy May 18 2021 Get an invaluable view of the impact of economics and politics on pharmaceuticals in the United States Pharmacy and pharmaceutical drug use are highly regulated and the various regulatory forces interact with diverse goals. Pharmaceutical Public Policy is a comprehensive review of the legislation, trends, business developments, and policy interpretations that have shaped drug use during the last 50 years. This unique single source explains drug regulatory activity, the major insurance and payment systems, and the impact of economics and politics on drug use in the United States. Leading experts provide a thorough and objective look at public policy issues, making this text perfect for upper level undergraduate and graduate level pharmacy, medical, and public health educators and students. Pharmacists and pharmacy students must learn more than just the physical sciences and clinical aspects of the pharmaceutical industry. The rationale for policies, rules, and regulations is integral to understanding how to best serve patients and make the entire pharmaceutical sector more equitable and cost-effective. Pharmaceutical Public Policy examines the most pressing issues facing the industry, including control of the rising costs for drugs and ensuring correct drug usage by patients. This insightful text offers an in depth perspective of the policies and the debates that surround them. Chapters are well-referenced and many include helpful figures and tables to illustrate facts and ideas. Topics in Pharmaceutical Public Policy include: pharmacy law and regulation Medicare and prescription drug coverage FDA drug approval process Medicaid and prescription drugs public health pharmacy Department of Veterans Affairs pharmacy programs Department of Defense pharmacy programs innovative state drug program practices state and federal regulation of pharmacy the future of the pharmaceutical industry managed care pharmacy PBM’s (pharmacy benefit managers) risk minimization importation and reimportation biotechnology and pharmacogenetics policy and issues product promotion competition between drugs drug insurance design patient compliance abuse of prescription drugs health care systems and insurance in Europe much more Pharmaceutical Public Policy is a one-of-a-kind resource that explains just who the players are and the complexity of the issues that are examined in most pharmaceutical policy debates, and is perfect for pharmacy students, educators, other health professionals, trade association leaders, and policymakers.

Medical Monopoly Mar 28 2022 During much of the nineteenth century, physicians and pharmacists alike considered medical patenting and the use of trademarks by drug manufacturers unethical forms of monopoly; physicians who prescribed patented drugs could be, and were, ostracized from the medical community. In the decades following the Civil War, however, complex changes in patent and trademark law intersected with the changing sensibilities of both physicians and pharmacists to make intellectual property rights in drug manufacturing scientifically and ethically legitimate. By World War I, patented and trademarked drugs had become essential to the practice of good medicine, aiding in the rise of the American pharmaceutical industry and forever altering the course of medicine. Drawing on a wealth of previously unused archival material, Medical Monopoly combines legal, medical, and business history to offer a sweeping new interpretation of the origins of the complex and often troubling relationship between the pharmaceutical industry and medical practice today. Joseph M. Gabriel provides the first detailed history of patent and trademark law as it relates to the nineteenth-century pharmaceutical industry as well as a unique interpretation of medical ethics, therapeutic reform, and the efforts to

regulate the market in pharmaceuticals before World War I. His book will be of interest not only to historians of medicine and science and intellectual property scholars but also to anyone following contemporary debates about the pharmaceutical industry, the patenting of scientific discoveries, and the role of advertising in the marketplace.

Medical Research for Hire Feb 12 2021 Today, more than 75 percent of pharmaceutical drug trials in the United States are being conducted in the private sector. Once the sole province of academic researchers, these important studies are now being outsourced to non-academic physicians. According to Jill A. Fisher, this major change in the way medical research is performed is the outcome of two problems in U.S. health care: decreasing revenue for physicians and decreasing access to treatment for patients. As physicians report diminishing income due to restrictive relationships with insurers, increasing malpractice insurance premiums, and inflated overhead costs to operate private practices, they are attracted to pharmaceutical contract research for its lucrative return. Clinical trials also provide limited medical access to individuals who have no or inadequate health insurance because they offer "free" doctors' visits, diagnostic tests, and medications to participants. Focusing on the professional roles of those involved, as well as key research practices, Fisher assesses the risks and advantages for physicians and patients alike when pharmaceutical drug studies are used as an alternative to standard medical care. A volume in the Critical Issues in Health and Medicine series, edited by Rima D. Apple and Janet Golden

Drug Stability for Pharmaceutical Scientists Apr 04 2020 Drug Stability for Pharmaceutical Scientists is a clear and easy-to-follow guide on drug degradation in pharmaceutical formulation. This book features valuable content on both aqueous and solid drug solutions, the stability of proteins and peptides, acid-base catalyzed and solvent catalyzed reactions, how drug formulation can influence drug stability, the influence of external factors on reaction rates and much more. Full of examples of real-life formulation problems and step-by-step calculations, this book is the ideal resource for graduate students, as well as scientists in the pharmaceutical and related industries. Illustrates important theoretical concepts with numerous examples, figures, calculations, learning problems and questions for self-study and retention of material Provides answers and explanations to test your knowledge Enables you to better understand key concepts such as rate and order of reaction, reaction equilibrium, complex reaction mechanisms and more Includes an in-depth discussion of both aqueous and solid drug solutions and contains the latest international regulatory requirements on drug stability

Pharmaceutical Medicine Aug 01 2022 The breadth of the pharmaceutical medicine can be daunting, but this book is designed to navigate a path through the speciality. Providing a broad overview of all topics relevant to the discipline of pharmaceutical medicine, it gives you the facts fast, in a user-friendly format, without having to dive through page upon page of dense text. With 136 chapters spread across 8 sections, the text offers a thorough grounding in issues ranging from medicines regulation to clinical trial design and data management. This makes it a useful revision aid for exams as well as giving you a taster of areas of pharmaceutical medicine adjacent to your current role. For healthcare professionals already working in the field, this book offers a guiding hand in difficult situations as well as supplying rapid access to the latest recommendations and guidelines. Written by authors with experience in the industry and drug regulation, this comprehensive and authoritative guide provides a shoulder to lean on throughout your pharmaceutical career.

The Textbook of Pharmaceutical Medicine Nov 04 2022 New edition of succesful standard reference book for thepharmaceutical industry and pharmaceutical physicians! The Textbook of Pharmaceutical Medicine is the coursebookfor the Diploma in Pharmaceutical Medicine, and is used as astandard reference throughout the pharmaceutical industry. The newedition includes greater coverage of good clinical practice, acompletely revised statistics chapter, and more on safety. Coversthe course information for the Diploma in PharmaceuticalMedicine Fully updated, with new authors Greater coverage of good clinical practice and safety New chapters on regulation of medical devices in Europe andregulation of therapeutic products in Australia

Global Pharmaceutical Policy Oct 11 2020 Medicines are vital in improving patient health outcomes

and pharmaceutical policy is a fundamental component of any health system. However, the global pharmaceutical policy is ever-evolving and data and quality ‘research-based information’ in this field are scarce. This book fills this gap and provides up-to-date empirical information and evidence-based synthesis. It focuses on pertinent key issues in global pharmaceutical policy including medicines safety, generic medicines, pharmaceutical supply chain, medicines financing, access and affordability of medicines, rational use of medicines, pharmacy health services research and access to vaccines and biological products. Featuring policy case studies from varied countries such as Mexico, Russia, China, Kyrgyzstan, and Pakistan, this book comprises a valuable and comprehensive resource for students, funders, policymakers, academics, and researchers interested in this field.

Drug Information Jul 08 2020 Extensive coverage of the Internet as a source of and distribution means for drug information, and detailed sections on evaluating medical literature from clinical trials Audience includes Pharmacists, Pharmacy students and Pharmacy schools Updated to include using PDAs for medication information Covers the ethical and legal aspects of drug information management Nothing else like it on the market

An Introduction to Pharmaceutical Sciences Jul 20 2021 This textbook is written as a unified approach to various topics, ranging from drug discovery to manufacturing, techniques and technology, regulation and marketing. The key theme of the book is pharmaceuticals - what every student of pharmaceutical sciences should know: from the active pharmaceutical ingredients to the preparation of various dosage forms along with the relevant chemistry, this book makes pharmaceuticals relevant to undergraduate students of pharmacy and pharmaceutical sciences. This book explains how a particular drug was discovered and then converted from lab-scale to manufacturing scale, to the market. It explains the motivation for drug discovery, the reaction chemistry involved, experimental difficulties, various dosage forms and the reasoning behind them, mechanism of action, quality assurance and role of regulatory agencies. After having a course based on this book, the student will be able to understand: 1) the career prospects in the pharmaceutical industry, 2) the need for interdisciplinary teamwork in science, 3) the techniques and technology involved in making pharmaceuticals starting from bulk drugs, and 4) different dosage forms and critical factors in the development of pharmaceutical formulations in relation to the principles of chemistry. A few blockbuster drugs including atorvastatin, sildanefil, ranitidine, ciprofloxacin, amoxicillin, and the longest serving drugs such as aspirin and paracetamol are discussed in detail. Finally, the book also covers the important current pharmaceutical issues like quality control, safety, counterfeiting and abuse of drugs, and future prospects for pharmaceutical industry. Unified approach explaining drug discovery, bulk drug manufacturing, formulation of dosage forms, with pharmacological and therapeutic actions Manufacturing processes of representative active pharmaceutical ingredients and their chemistry plus formulation of dosage forms presented in this book are based on actual industrial processes Covers many aspects relevant to students of the pharmaceutical sciences or newly employed pharmaceutical researchers/employees. It contains summary information about regulatory agencies of different countries

The Global Politics of Pharmaceutical Monopoly Power Sep 29 2019 In The Global Politics of Pharmaceutical Monopoly Power, researcher and global advocate Ellen 't Hoen explains how new global rules for pharmaceutical patenting impact access to medicines in the developing world. The book gives an account of the current debates on intellectual property, access to medicines, and medical innovation, and provides historical context that explains how the current system emerged. This book supports major policy changes in the management of pharmaceutical patents and the way medical innovation is financed in order to protect public health and, in particular, promote access to essential medicines for all. The Open Society Institute provided support to translate this report into Russian.

Understanding Drugs Markets Oct 23 2021 Drawing on anthropology, historical sociology and social-epidemiology, this multidisciplinary book investigates how pharmaceuticals are produced, distributed, prescribed, (and) consumed, and regulated in order to construct a comprehensive understanding of the issues that drive (medicine) pharmaceutical markets in the Global South today. Based on primary research conducted in Benin and Ghana, and additional data collected in Cambodia and the Ivory

Coast, this volume uses artemisinin-based combination therapies (ACTs) against malaria as a central case study. It highlights the influence of the countries colonial and post-colonial history on their models for state regulation, production, and distribution, explores the determining role transnational actors as well as industries from the North but also and increasingly from the South play in influencing local pharmaceutical markets and looks at the behaviour of health care professionals and individuals. Stepping back, the authors then unpick the pharmaceuticalization process and the multiple regulations at stake by looking at the workings of, and linkages between, (biomedical health) pharmaceutical systems, (representatives of companies) industries, actors in private distribution, and consumer practices. Providing a thorough comparative analysis of the advantages and disadvantages of different pharmaceutical systems, it is an important contribution to the literature on pharmaceutalization and the governance of medication. It is of interest to students, researchers and policy-makers interested in medical anthropology, the sociology of health and illness, global health, healthcare management and pharmacy. The Open Access version of this book, available at http://www.taylorfrancis.com/books/9780429329517, has been made available under a Creative Commons Attribution-Non Commercial-No Derivatives 4.0 license.

The Context of Medicines in Developing Countries Aug 09 2020 Western pharmaceuticals are flooding the Third World. Injections, capsules and tablets are available in city markets and village shops, from 'traditional' practitioners and street vendors, as well as from more orthodox sources like hospitals. Although many are aware of this 'pharmaceutical invasion', little has been written about how local people perceive and use these products. This book is a first attempt to remedy that situation. It presents studies of the ways Western medicines are circulated and understood in the cities and rural areas of Africa, Asia and Latin America. We feel that such a collection is long overdue for two reasons. The first is a practical one: people dealing with health problems in developing countries need information about local situations and they need examples of methods they can use to examine the particular contexts in which they are working. We hope that this book will be useful for pharmacists, doctors, nurses, health planners, policy makers and concerned citizens, who are interested in the realities of drug use. Why do people want various kinds of medicine? How do they evaluate and choose them and how do they obtain them? The second reason for these studies of medicines is to fill a need in medical anthropology as a field of study. Here we address our colleagues in anthropol ogy, medical sociology and related disciplines.

Sterile Drug Products Oct 30 2019 Sterile Drug Products: Formulation, Packaging, Manufacturing, and Quality teaches the basic principles of the development and manufacture of high quality sterile dosage forms. The author has 38 years of experience in the development and manufacture of sterile dosage forms including solutions, suspensions, ophthalmics and freeze dried products. This book is based on the courses he has delivered for over three decades, to over 3000 participants, and is intended to remain relevant for the indefinite future even as new technologies and new applications of old technologies become common. This is an ideal reference book for those working directly and indirectly with sterile dosage forms, be it product development (formulation, package, process, analytical), manufacturing, quality control, quality assurance, regulatory, purchasing, or project management. This book is also intended as an educational resource for the pharmaceutical and biopharmaceutical industry and pharmacy schools, providing basic knowledge and principles in four main areas of parenteral science and technology: Product development, including formulation, packaging, and process development. Manufacturing, including basic teaching on all the primary unit operations involved in preparation of sterile products and the underlying importance of contamination control. Quality and regulatory, including the application of good manufacturing practice regulations, aseptic processing guidelines, and unique quality control testing methods for the sterile dosage form Clinical aspects, including administration, potential hazards, and biopharmaceutics of sterile products in a clinical setting.

The Truth About the Drug Companies Jan 14 2021 During her two decades at The New England Journal of Medicine, Dr. Marcia Angell had a front-row seat on the appalling spectacle of the

pharmaceutical industry. She watched drug companies stray from their original mission of discovering and manufacturing useful drugs and instead become vast marketing machines with unprecedented control over their own fortunes. She saw them gain nearly limitless influence over medical research, education, and how doctors do their jobs. She sympathized as the American public, particularly the elderly, struggled and increasingly failed to meet spiraling prescription drug prices. Now, in this bold, hard-hitting new book, Dr. Angell exposes the shocking truth of what the pharmaceutical industry has become–and argues for essential, long-overdue change. Currently Americans spend a staggering $200 billion each year on prescription drugs. As Dr. Angell powerfully demonstrates, claims that high drug prices are necessary to fund research and development are unfounded: The truth is that drug companies funnel the bulk of their resources into the marketing of products of dubious benefit. Meanwhile, as profits soar, the companies brazenly use their wealth and power to push their agenda through Congress, the FDA, and academic medical centers. Zeroing in on hugely successful drugs like AZT (the first drug to treat HIV/AIDS), Taxol (the best-selling cancer drug in history), and the blockbuster allergy drug Claritin, Dr. Angell demonstrates exactly how new products are brought to market. Drug companies, she shows, routinely rely on publicly funded institutions for their basic research; they rig clinical trials to make their products look better than they are; and they use their legions of lawyers to stretch out government-granted exclusive marketing rights for years. They also flood the market with copycat drugs that cost a lot more than the drugs they mimic but are no more effective. The American pharmaceutical industry needs to be saved, mainly from itself, and Dr. Angell proposes a program of vital reforms, which includes restoring impartiality to clinical research and severing the ties between drug companies and medical education. Written with fierce passion and substantiated with in-depth research, The Truth About the Drug Companies is a searing indictment of an industry that has spun out of control.

A Practical Approach to Pharmaceutical Policy Jun 18 2021 This book offers policy makers a hands-on approach, tested in the World Bank's field work in many countries, for developing policies that improve access to safe, effective medicines in health systems of low- and middle-income economies.

Drug Safety Data Aug 21 2021 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/pharmacovogilance 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)

Dictionary of Pharmaceutical Medicine Jun 30 2022 The dictionary contains various terms typically used in pharmaceutical medicine. The 2nd edition reflects the increasing importance of this science and the changing regulatory environment in particular on research and development of new therapies as well as on the conduct of clinical trials, marketing authorisation of new medicinal products and safety aspects including pharmacovigilance. The number of key words has been considerably enlarged and increased to over 1,600 terms; it includes new scientific areas such as gene therapy and proteomics. Furthermore, given the importance of the internet, the new edition contains a list of most important web sites. Similar to the 1st edition, also the book explains about 1,000 abbreviations most commonly used in pharmaceutical medicine. This book will be a valuable tool for professionals in the area of the pharmaceutical industry, medical and pre-clinical research, regulatory affairs, marketing and marketing authorisation of pharmaceuticals.

Countering the Problem of Falsified and Substandard Drugs Nov 23 2021 The adulteration and fraudulent manufacture of medicines is an old problem, vastly aggravated by modern manufacturing and trade. In the last decade, impotent antimicrobial drugs have compromised the treatment of many deadly diseases in poor countries. More recently, negligent production at a Massachusetts compounding pharmacy sickened hundreds of Americans. While the national drugs regulatory authority (hereafter, the regulatory authority) is responsible for the safety of a country's drug supply, no single country can entirely guarantee this today. The once common use of the term counterfeit to describe any drug that is not what it claims to be is at the heart of the argument. In a narrow, legal sense a counterfeit drug is one that infringes on a registered trademark. The lay meaning is much broader, including any drug made with intentional deceit. Some generic drug companies and civil society groups object to calling bad medicines counterfeit, seeing it as the deliberate conflation of public health and intellectual property concerns. Countering the Problem of Falsified and Substandard Drugs accepts the narrow meaning of counterfeit, and, because the nuances of trademark infringement must be dealt with by courts, case by case, the report does not discuss the problem of counterfeit medicines.

Careers with the Pharmaceutical Industry Apr 28 2022 In recent years, many factors have combined to change the operating environment of the international pharmaceutical industry leading to greater specialisation and sophistication. This new edition will give an update of the different opportunities in drug discovery and development and the scientific, medical or other specialist training needed to accomplish them. The scope of this edition has been broadened to encompass all major roles, including marketing and sales.

Bad Pharma May 30 2022 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.

Conflict of Interest in Medical Research, Education, and Practice Sep 09 2020 Collaborations of physicians and researchers with industry can provide valuable benefits to society, particularly in the translation of basic scientific discoveries to new therapies and products. Recent reports and news stories have, however, documented disturbing examples of relationships and practices that put at risk the integrity of medical research, the objectivity of professional education, the quality of patient care, the soundness of clinical practice guidelines, and the public's trust in medicine. Conflict of Interest in Medical Research, Education, and Practice provides a comprehensive look at conflict of interest in medicine. It offers principles to inform the design of policies to identify, limit, and manage conflicts of interest without damaging constructive collaboration with industry. It calls for both short-term actions and long-term commitments by institutions and individuals, including leaders of academic medical centers, professional societies, patient advocacy groups, government agencies, and drug, device, and pharmaceutical companies. Failure of the medical community to take convincing action on conflicts of interest invites additional legislative or regulatory measures that may be overly broad or unduly burdensome. Conflict of Interest in Medical Research, Education, and Practice makes several recommendations for strengthening conflict of interest policies and curbing relationships that create

risks with little benefit. The book will serve as an invaluable resource for individuals and organizations committed to high ethical standards in all realms of medicine.

Marijuana As Medicine? Apr 16 2021 Some people suffer from chronic, debilitating disorders for which no conventional treatment brings relief. Can marijuana ease their symptoms? Would it be breaking the law to turn to marijuana as a medication? There are few sources of objective, scientifically sound advice for people in this situation. Most books about marijuana and medicine attempt to promote the views of advocates or opponents. To fill the gap between these extremes, authors Alison Mack and Janet Joy have extracted critical findings from a recent Institute of Medicine study on this important issue, interpreting them for a general audience. Marijuana As Medicine? provides patientsâ€"as well as the people who care for themâ€"with a foundation for making decisions about their own health care. This empowering volume examines several key points, including: Whether marijuana can relieve a variety of symptoms, including pain, muscle spasticity, nausea, and appetite loss. The dangers of smoking marijuana, as well as the effects of its active chemical components on the immune system and on psychological health. The potential use of marijuana-based medications on symptoms of AIDS, cancer, multiple sclerosis, and several other specific disorders, in comparison with existing treatments. Marijuana As Medicine? introduces readers to the active compounds in marijuana. These include the principal ingredient in Marinol, a legal medication. The authors also discuss the prospects for developing other drugs derived from marijuana's active ingredients. In addition to providing an up-to-date review of the science behind the medical marijuana debate, Mack and Joy also answer common questions about the legal status of marijuana, explaining the conflict between state and federal law regarding its medical use. Intended primarily as an aid to patients and caregivers, this book objectively presents critical information so that it can be used to make responsible health care decisions. Marijuana As Medicine? will also be a valuable resource for policymakers, health care providers, patient counselors, medical faculty and studentsâ€"in short, anyone who wants to learn more about this important issue.

Making Medicines Jun 26 2019 A concise, chronological discussion of the history of therapeutics and pharmacy from the Egyptians through to the present day, with a focus on the discovery and uses of medicines to treat illness through the ages, and the evolving role of the pharmacist. Each chapter is contributed by an expert in the period or field, and illustrates how wider social, political and economic developments have influenced drug development and shaped pharmacy practice.

Leadership in the Life Sciences May 06 2020 The healthcare professionals who save and extend our lives are helpless without the medicines and technologies that have revolutionised medical care. But the industry that invents, makes and provides these indispensable tools is transforming under the pressure of ageing populations, globalisation and revolutions in biological and information technology. How this industry adapts and evolves is vitally important to every one of us. This book looks inside the heads and hearts of the people who lead the global pharmaceutical and medical technology industry. It describes how they make sense of their markets and the wider life sciences economy. It reveals what they have learned about how to lead large, complex organisations to compete in dynamic, global markets. Leadership in the Life Sciences is essential reading for anyone working in or with the pharmaceutical and medical technology industry and its halo of supporting companies. Written as ten succinct lessons, it gives the reader unique insight into what the industry’s leaders are thinking. Covering topics from leadership to organisational culture, from change management to digital disruption and from competitive strategy to value-creation, each chapter distils the accumulated wisdom of those who lead the complex and turbulent life sciences industry.

Pharmaceutical Medicine and Translational Clinical Research Oct 03 2022 Pharmaceutical Medicine and Translational Clinical Research covers clinical testing of medicines and the translation of pharmaceutical drug research into new medicines, also focusing on the need to understand the safety profile of medicine and the benefit-risk balance. Pharmacoeconomics and the social impact of healthcare on patients and public health are also featured. It is written in a clear and straightforward manner to enable rapid review and assimilation of complex information and contains reader-friendly

features. As a greater understanding of these aspects is critical for students in the areas of pharmaceutical medicine, clinical research, pharmacology and pharmacy, as well as professionals working in the pharmaceutical industry, this book is an ideal resource. Includes detailed coverage of current trends and key topics in pharmaceutical medicine, including biosimilars, biobetters, super generics, and Provides a comprehensive look at current and important aspects of the science and regulation of drug and biologics discovery

3D Printing of Pharmaceuticals Mar 16 2021 3D printing is forecast to revolutionise the pharmaceutical sector, changing the face of medicine development, manufacture and use. Potential applications range from pre-clinical drug development and dosage form design through to the fabrication of functionalised implants and regenerative medicine. Within clinical pharmacy practice, printing technologies may finally lead to the concept of personalised medicines becoming a reality. This volume aims to be the definitive resource for anyone thinking of developing or using 3D printing technologies in the pharmaceutical sector, with a strong focus on the translation of printing technologies to a clinical setting. This text brings together leading experts to provide extensive information on an array of 3D printing techniques, reviewing the current printing technologies in the pharmaceutical manufacturing supply chain, in particular, highlighting the state-of-the-art applications in medicine and discussing modern drug product manufacture from a regulatory perspective. This book is a highly valuable resource for a range of demographics, including academic researchers and the pharmaceutical industry, providing a comprehensive inventory detailing the current and future applications of 3D printing in pharmaceuticals. Abdul W. Basit is Professor of Pharmaceutics at the UCL School of Pharmacy, University College London. Abdul's research sits at the interface between pharmaceutical science and gastroenterology, forging links between basic science and clinical outcomes. He leads a large and multidisciplinary research group, and the goal of his work is to further the understanding of gastrointestinal physiology by fundamental research. So far, this knowledge has been translated into the design of new technologies and improved disease treatments, many of which are currently in late-stage clinical trials. He has published over 350 papers, book chapters and abstracts and delivered more than 250 invited research presentations. Abdul is also a serial entrepreneur and has filed 25 patents and founded 3 pharmaceutical companies (Kuecept, Intract Pharma, FabRx). Abdul is a frequent speaker at international conferences, serves as a consultant to many pharmaceutical companies and is on the advisory boards of scientific journals, healthcare organisations and charitable bodies. He is the European Editor of the International Journal of Pharmaceutics. Abdul was the recipient of the Young Investigator Award in Pharmaceutics and Pharmaceutical Technology from the American Association of Pharmaceutical Scientists (AAPS) and is the only non-North American scientist to receive this award. He was also the recipient of the Academy of Pharmaceutical Sciences (APS) award. Simon Gaisford holds a Chair in Pharmaceutics and is Head of the Department of Pharmaceutics at the UCL School of Pharmacy, University College London. He has published 110 papers, 8 book chapters and 4 authored books. His research is focused on novel technologies for manufacturing medicines, particularly using ink-jet printing and 3D printing, and he is an expert in the physico-chemical characterisation of compounds and formulations with thermal methods and calorimetry.

The Encyclopedia of Pharmaceutical Drugs Feb 24 2022 Provides information about the major types of drugs in use today, including antidepressants, decongestants, immunosuppresives, and vaccines.

TRIPS and Access to Medicines Jul 28 2019 Although ideally a patent system for pharmaceuticals should serve to incentivize research into the development of new medicines, the COVID-19 pandemic has exposed the equal importance of drug access and affordability. This book, by focusing on the Brazilian rule which makes the grant of pharmaceutical patents dependent on the prior consent of the National Health Surveillance Agency (ANVISA), shows how the Brazilian model affords an example for other countries to follow in dealing with tensions between patent protection and the right to healthcare. Based on an empirical study in which the author examined 147 reports issued by ANVISA as a basis for its decisions, the book deals with such central questions concerning the interface of regulation and innovation in the patent system as the following: compatibility between ANVISA's prior consent

mechanism and the Trade-Related Aspects of Intellectual Property Rights (TRIPS) Agreement; how “evergreening” and “trivial patents” undermine public health and access to medicines; ways of correcting abuses of patent rights and controlling quality of patents; and the discourse on health as a human right. Along with her examination of ANVISA reports, the author analyzes how Article 229-C LPI, which introduced the need of ANVISA’s prior consent to the patent grant of pharmaceuticals in Brazil, has been interpreted in Brazilian case law. Interviews with Brazilian experts are also included. In its commitment to harmonizing patent rights and the right to access of affordable medicines, Brazil’s patent system for pharmaceuticals stands out as a workable response to the basic problem of access to medicines in the developing world. By describing the successes and failures in the Brazilian policy of promoting drug access, this book helps policymakers in developing and emerging countries to better explore TRIPS flexibilities when dealing with similar problems, and provides practitioners in the law of the World Trade Organization, patent law, competition law, and health law with a guide to how a more equitable pharmaceutical patenting system could work in practice.

The Risks of Prescription Drugs Sep 21 2021 Raises key questions about topics in the pharmaceutical industry, including how the risks of side effects are weighed, if privatization of that risk is prudent, and the high prices for drugs.