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The Truth About the Drug Companies Bad Pharma Drugs for Life Understanding Pharma Selling Sickness Bottle of Lies Pharma Powerful Medicines Benzo Land The Drug Company Next Door Selling Sickness The Pharmaceutical Industry and Dependency in the Third World Mind Fixers: Psychiatry's Troubled Search for the Biology of Mental Illness Pharmaceutical Lifecycle Management Marijuana As Medicine? Pharma Sex, Lies and Pharmaceuticals Risk and Responsibility Beyond Philanthropy: The pharmaceutical industry, corporate social responsibility and the developing world Over Dose A Practical Approach to Pharmaceutical Policy Principles of Pharmaceutical Marketing Vietnam Healthcare Report The Risks of Prescription Drugs Pharmaceuticals in the Environment Our Daily Meds The Development of Medications for the Treatment of Opiate and Cocaine Addictions Owning the Sun Value Creation in the Pharmaceutical Industry Philosophical Issues in Pharmaceutics PBMs Project Management for the Pharmaceutical Industry Deadly Medicines and Organised Crime Careers with the Pharmaceutical Industry 3D Printing of Pharmaceuticals Antibiotics A Medicated Empire Research and Development in the Pharmaceutical Industry Pharmaceuticals in the Environment The Hard Sell

Pharmaceuticals in the Environment Apr 14 2021 About 4000 medical compounds are being used in the drugs applied today. It is estimated that worldwide consumption of active compounds amounts to some 100,000 tons or more per year. Consequently, there is a need to highlight the most important questions and issues related to presence of pharmaceuticals in the environment. Pharmaceuticals in the Environment: current knowledge and need assessment to reduce presence and impact brings together results of previous and on-going EU projects with published data from both governmental sources and scientific literature and manufacturers data on production and usage of pharmaceuticals. This book puts together the current knowledge and emphasises questions that deserve attention such as: What is the spectrum of most relevant pharmaceutical products (PPs)

for the aquatic environment? Which indicators for supporting environmental managers, health authorities? What is the efficiency of urban and industrial sewage treatment plants over a year? What is the fate and behaviour of PPs in sewage treatment plants? If receiving waters are used for potable water supplies, does the presence of these compounds represent a potential hazard to human health? Could we solve some problems by environmental or cleaner technologies? What regulatory approaches, incentives, prevention actions can be implemented in order to lower PPs concentration in the environment? Does a European practical guidance can be developed? Can the impacts of PPs on the environment be reduced through the use of eco-pharmaco-stewardship approaches including the use of clean synthesis, classification and labelling, and better communication of methods of 'good practice'? How can we better monitor the environmental impact of a pharmaceutical once it has received a marketing authorisation?

Beyond Philanthropy: The pharmaceutical industry, corporate social responsibility and the developing world Oct 21 2021

The Drug Company Next Door Jul 30 2022 Drug companies produce chemical substances that can save, extend, or substantially improve the quality of human life.However, even as the companies present themselves publicly as health and environmental stewards, their factories are a significant source of air and water pollution--toxic to people and the environment. In Puerto Rico, the pharmaceutical industry is the backbone of the island's economy: in one small town alone, there are over a dozen drug factories representing five multinationals, the highest concentration per capita of such factories in the world. It is a place where the enforcement of environmental regulations and the public trust they ensure are often violated in the name of economic development.

Vietnam Healthcare Report Jun 16 2021 Over the course of several weeks in June and July of 2014, Rubicon Strategy Group conducted close to forty interviews with country managers of pharmaceutical and device companies, director level administrators in public and private hospitals, successful pharmacy and medical device shop owners, and entrepreneurs at the forefront of the cutting edge in the Vietnam healthcare market. In addition the team went out and conducted a validated survey questionnaire of consumers to judge their preference for particular products, and their preference for healthcare access options in the public and the private

sector. The goal of this paper revealed itself in the course of compiling the data: to bring out insights from the front lines of the sales channels and the business models that make up the pharmaceutical and medical device markets in Vietnam. It is the hope of the authors that the information presented in this way can help inform sales strategies and the development of value add services for companies involved in the marketing and/or distribution of drug and medical device products in Vietnam. On the eve of a pair of large negotiations, - a free trade agreement negotiation between the EU and Vietnam, set to be finalized in October 2014, and the negotiation of the Trans Pacific Asean partnership it was found that much of the conversation with healthcare system company representatives and sales channel participants turned to the issue of the public tender system as well as some of the hardships brought on by Vietnam's ongoing healthcare market reform. Consequently, one section of this report is geared towards exploring how the policy and regulatory level challenges of the current tender process. However, in constructing this section it became clear that the value of the research conducted during this study is not simply in explaining the tender process as it is supposed to function at the policy level and the attendant issues that stem from that design, but also highlighting how the tender process impacts the decision making of pharmaceutical and medical device executives in-country, in real time, as well as how it impacts the various operators across sales channels. In other words, a core value of the study is necessarily attendant to its exploration of the strategies currently being employed by executives active in Vietnam's healthcare market. In trying to present a picture of the ground-level impacts of policies and regulatory structures impacting Vietnam's healthcare space, it is of course important to present a clear outline of the issues that the research revealed. At the same time, it became apparent to fully communicate the ground-level happenings as they related to the tender process, it was also helpful to present a series of case studies that would help add color and nuance to the issues clearly presented.

Pharma Nov 02 2022 "Exorbitant prices for lifesaving drugs, safety recalls affecting tens of millions of Americans, and soaring rates of addiction and overdose on prescription opioids have caused many to lose faith in pharmaceutical companies. Now, Americans are demanding national reckoning with a monolithic industry. In Pharma, award-winning journalist and New York Times best-selling author Gerald Posner uncovers the real

story of the Sacklers, the family that became one of America's wealthiest from the success of OxyContin, their blockbuster narcotic painkiller at the centure of the opioid crisis. The unexpected twists and turns of the Sakler family saga are told against the startling chronicle of a powerful industry that sits at the intersection of public health and profits. Pharma reveals how and why American drug companies have put earnings ahead of patients"--

A Practical Approach to Pharmaceutical Policy Aug 19 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.

The Risks of Prescription Drugs May 16 2021 Few people realize that prescription drugs have become a leading cause of death, disease, and disability. Adverse reactions to widely used drugs, such as psychotropics and birth control pills, as well as biologicals, result in FDA warnings against adverse reactions. The Risks of Prescription Drugs describes how most drugs approved by the FDA are under-tested for adverse drug reactions, yet offer few new benefits. Drugs cause more than 2.2 million hospitalizations and 110,000 hospital-based deaths a year. Serious drug reactions at home or in nursing homes would significantly raise the total. Women, older people, and people with disabilities are least used in clinical trials and most affected. Health policy experts Donald Light, Howard Brody, Peter Conrad, Allan Horwitz, and Cheryl Stults describe how current regulations reward drug companies to expand clinical risks and create new diseases so millions of patients are exposed to unnecessary risks, especially women and the elderly. They reward developing marginally better drugs rather than discovering breakthrough, life-saving drugs. The Risks of Prescription Drugs tackles critical questions about the pharmaceutical industry and the privatization of risk. To what extent does the FDA protect the public from serious side effects and disasters? What is the effect of giving the private sector and markets a greater role and reducing public oversight? This volume considers whether current rules and incentives put patients' health at greater risk, the effect of the expansion of disease categories, the industry's justification of high U.S. prices, and the underlying shifts in the burden of risk borne by individuals in the world of pharmaceuticals. Chapters cover risks of statins for high cholesterol, SSRI drugs for depression and anxiety, and hormone replacement therapy for menopause.

A final chapter outlines six changes to make drugs safer and more effective. Suitable for courses on health and aging, gender, disability, and minority studies, this book identifies the Risk Proliferation Syndrome that maximizes the number of people exposed to these risks. Additional Columbia / SSRC books on the privatization of risk and its implications for Americans: Bailouts: Public Money, Private ProfitEdited by Robert E. Wright Disaster and the Politics of InterventionEdited by Andrew Lakoff Health at Risk: America's Ailing Health System-and How to Heal ItEdited by Jacob S. Hacker Laid Off, Laid Low: Political and Economic Consequences of Employment InsecurityEdited by Katherine S. Newman Pensions, Social Security, and the Privatization of RiskEdited by Mitchell A. Orenstein

The Truth About the Drug Companies May 08 2023 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.

Project Management for the Pharmaceutical Industry Sep 07 2020 The pharmaceutical industry has encountered major shifts in recent years, both within the industry, and in its external environment. The cost of healthcare rising due to an ageing population, the intensification of regulatory requirements and mergers within the industry have led to an increased need for restructuring, cost reduction and culture change projects. Project management is the key to addressing these needs, and also to effective drug development. Given the costs of development and the critical issue of 'time to market', project management techniques - appropriately used - are a key factor in bringing a drug to market. In this book, Laura Brown and Tony Grundy's pharmaceutical expertise and experience offers the reader a guide to the most relevant project management tools and techniques and how to rigorously apply them in the pharmaceutical industry. The authors cover the technical, strategic and human aspects of project management, including contingency planning, simulation techniques and different project options. Complete with decision-tree diagrams, checklists, exercises and a full glossary, Project Management for the Pharmaceutical Industry provides clinical research, drug development and quality assurance managers or directors with a one-stop reference for successfully managing pharmaceutical projects. The text has been revised for this edition and now includes some additional material on risk management.

Pharmaceutical Lifecycle Management Mar 26 2022 A comprehensive guide to optimizing the lifecycle management of pharmaceutical brands The mounting challenges posed by cost containment policies and the prevalence of generic alternatives make optimizing the lifecycle management (LCM) of brand drugs essential for pharmaceutical companies looking to maximize the value of their products. Demonstrating how different measures can be combined to create winning strategies, Pharmaceutical Lifecycle Management: Making the Most of Each and Every Brand explores

this increasingly important field to help readers understand what they can—and must—do to get the most out of their brands. Offering a truly immersive introduction to LCM options for pharmaceuticals, the book incorporates numerous real-life case studies that demonstrate successful and failed lifecycle management initiatives, explaining the key takeaway of each example. Filled with practical information on the process of actually writing and presenting an LCM plan, as well as how to link corporate, portfolio, and individual brand strategies, the book also offers a look ahead to predict which LCM strategies will continue to be effective in the future. While the development of new drugs designed to address unmet patient needs remains the single most important goal of any pharmaceutical company, effective LCM is invaluable for getting the greatest possible value from existing brands. Pharmaceutical Lifecycle Management walks you through the process step by step, making it indispensable reading for pharmaceutical executives and managers, as well as anyone working in the fields of drug research, development, and regulation.

Antibiotics May 04 2020 Antibiotics are truly miracle drugs. As a class, they are one of the only ones that actually cure disease as opposed to most drugs that only help relieve symptoms or control disease. Since bacteria that cause serious disease in humans are becoming more and more resistant to the antibiotics we have today, and because they will ultimately become resistant to any antibiotic that we use for treatment or for anything else, we need a steady supply of new antibiotics active against any resistant bacteria that arise. However, the antibiotics marketplace is no longer attractive for large pharmaceutical companies, the costs of development are skyrocketing because of ever more stringent requirements by the regulatory agencies, and finding new antibiotics active against resistant strains is getting harder and harder. These forces are all combining to deny us these miracle drugs when we need them the most. I provide a number of possible paths to shelter from this perfect storm.

Philosophical Issues in Pharmaceutics Nov 09 2020 This anthology provides a collection of new essays on ethical and philosophical issues that concern the development, dispensing, and use of pharmaceuticals. It brings together critical ethical issues in pharmaceutics that have not been included in any collection (e.g., the ethics of patients as researchers). In addition, it includes philosophical issues that are not within the traditional domain of applied ethics. For example, a game-theoretic approach to combating the

emergence of antibiotic-resistent pathogens by spreading altruism. A tripartite distinction provides an organized series of discussions that shows the interrelatedness of philosophical issues from the creation of pharmaceuticals, the creation of demand for them, through their delivery to their ultimate consumption.

Understanding Pharma Feb 05 2023

A Medicated Empire Apr 02 2020 In A Medicated Empire, Timothy M. Yang explores the history of Japan's pharmaceutical industry in the early twentieth century through a close account of Hoshi Pharmaceuticals, one of East Asia's most influential drug companies from the late 1910s through the early 1950s. Focusing on Hoshi's connections to Japan's emerging nation-state and empire, and on the ways in which it embraced an ideology of modern medicine as a humanitarian endeavor for greater social good, Yang shows how the industry promoted a hygienic, middle-class culture that was part of Japan's national development and imperial expansion. Yang makes clear that the company's fortunes had less to do with scientific breakthroughs and medical innovations than with Japan's web of social, political, and economic relations. He lays bare Hoshi's business strategies and its connections with politicians and bureaucrats, and he describes how public health authorities dismissed many of its products as placebos at best and poisons at worst. Hoshi, like other pharmaceutical companies of the time, depended on resources and markets opened up, often violently, through colonization. Combining global histories of business, medicine, and imperialism, A Medicated Empire shows how the development of the pharmaceutical industry simultaneously supported and subverted regimes of public health at home and abroad.

Bottle of Lies Dec 03 2022 A NEW YORK TIMES BESTSELLER New York Times 100 Notable Books of 2019 New York Public Library Best Books of 2019 Kirkus Reviews Best Health and Science Books of 2019 Science Friday Best Books of 2019 New postscript by the author From an award-winning journalist, an explosive narrative investigation of the generic drug boom that reveals fraud and life-threatening dangers on a global scale—The Jungle for pharmaceuticals Many have hailed the widespread use of generic drugs as one of the most important public-health developments of the twenty-first century. Today, almost 90 percent of our pharmaceutical market is comprised of generics, the majority of which are manufactured overseas. We have been reassured by our doctors, our pharmacists and

our regulators that generic drugs are identical to their brand-name counterparts, just less expensive. But is this really true? Katherine Eban's Bottle of Lies exposes the deceit behind generic-drug manufacturing—and the attendant risks for global health. Drawing on exclusive accounts from whistleblowers and regulators, as well as thousands of pages of confidential FDA documents, Eban reveals an industry where fraud is rampant, companies routinely falsify data, and executives circumvent almost every principle of safe manufacturing to minimize cost and maximize profit, confident in their ability to fool inspectors. Meanwhile, patients unwittingly consume medicine with unpredictable and dangerous effects. The story of generic drugs is truly global. It connects middle America to China, India, sub-Saharan Africa and Brazil, and represents the ultimate litmus test of globalization: what are the risks of moving drug manufacturing offshore, and are they worth the savings? A decade-long investigation with international sweep, high-stakes brinkmanship and big money at its core, Bottle of Lies reveals how the world's greatest public-health innovation has become one of its most astonishing swindles.

Pharma Jan 24 2022 Award-winning journalist and New York Times bestselling author Gerald Posner reveals the heroes and villains of the trillion-dollar-a-year pharmaceutical industry and delivers "a withering and encyclopedic indictment of a drug industry that often seems to prioritize profits over patients (The New York Times Book Review). Pharmaceutical breakthroughs such as antibiotics and vaccines rank among some of the greatest advancements in human history. Yet exorbitant prices for life-saving drugs, safety recalls affecting tens of millions of Americans, and soaring rates of addiction and overdose on prescription opioids have caused many to lose faith in drug companies. Now, Americans are demanding a national reckoning with a monolithic industry. "Gerald's dogged reporting, sets Pharma apart from all books on this subject" (The Washington Standard) as we are introduced to brilliant scientists, incorruptible government regulators, and brave whistleblowers facing off against company executives often blinded by greed. A business that profits from treating ills can create far deadlier problems than it cures. Addictive products are part of the industry's DNA, from the days when corner drugstores sold morphine, heroin, and cocaine, to the past two decades of dangerously overprescribed opioids. Pharma also uncovers the real story of the Sacklers, the family that became one of America's wealthiest from the

success of OxyContin, their blockbuster narcotic painkiller at the center of the opioid crisis. Relying on thousands of pages of government and corporate archives, dozens of hours of interviews with insiders, and previously classified FBI files, Posner exposes the secrets of the Sacklers rise to power revelations that have long been buried under a byzantine web of interlocking companies with ever-changing names and hidden owners. The unexpected twists and turns of the Sackler family saga are told against the startling chronicle of a powerful industry that sits at the intersection of public health and profits. Explosively, even addictively, readable (Booklist, starred review), Pharma reveals how and why American drug companies have put earnings ahead of patients.

The Hard Sell Dec 31 2019 The inside story of a band of entrepreneurial upstarts who made millions selling painkillers until their scheme unraveled, putting them at the center of a landmark criminal trial. A fast-paced and maddening account.... Until I read The Hard Sell, about the outrageous behavior of an obscure drug company, I hadn t appreciated the full extent of the filth or the dark stain the opioid sector has left on the entire industry.... What s most surprising and powerful about The Hard Sell is not one company s criminality we ve grown inured to corporations behaving badly as much as how institutionalized these practices were across the modern drug industry. New York Times Book Review John Kapoor had already amassed a small fortune in pharmaceuticals when he founded Insys Therapeutics. It was the early 2000s, a boom time for painkillers, and he developed a novel formulation of fentanyl, the most potent opioid on the market. Kapoor, a brilliant immigrant scientist with relentless business instincts, was eager to make the most of his innovation. He gathered around him an ambitious group of young lieutenants. His head of sales an unstable and unmanageable leader, but a genius of persuasion built a team willing to pull every lever to close a sale, going so far as to recruit an exotic dancer ready to scrape her way up. They zeroed in on the eccentric and suspect doctors receptive to their methods. Employees at headquarters did their part by deceiving insurance companies. The drug was a niche product, approved only for cancer patients in dire condition, but the company s leadership pushed it more widely, and together they turned Insys into a Wall Street sensation. But several insiders reached their breaking point and blew the whistle. They sparked a sprawling investigation that would lead to a dramatic courtroom battle, breaking new ground in the government s fight

to hold the drug industry accountable in the spread of addictive opioids. In The Hard Sell, National Magazine Award□finalist Evan Hughes lays bare the pharma playbook. He draws on unprecedented access to insiders of the Insys saga, from top executives to foot soldiers, from the patients and staff of far-flung clinics to the Boston investigators who treated the case as a drug-trafficking conspiracy, flipping cooperators and closing in on the key players. With colorful characters and true suspense, The Hard Sell offers a bracing look not just at Insys, but at how opioids are sold at the point they first enter the national bloodstream□in the doctor□s office.

Benzo Land Aug 31 2022 A public interest book on the phenomenon of tens of millions of accidental or bamboozled addicts of Benzodiazepines, "Benzo Land" points out to multinational pharmaceutical companies as major culprits who have kept people (even doctors and the media) in the dark about the dangers of Benzodiazepines. In much of America and the Third World, Benzodiazepines, a class of tranquilizers and sleeping pills (which include Valium, Xanax, and Ambien) are often mindlessly and irresponsibly prescribed by doctors. These doctors have been brainwashed about the merits of these drugs by unethical drug companies. [Author's clarification: I have good friends and ex-friends who are ethical, compassionate, and highly competent doctors, who nevertheless are unaware of the destructive dangers of Benzodiazepines.]The author was closely related to an American psychiatrist, resulting in an inside view of the deceptions and brainwashing and suppression of negative information practiced by major pharmaceutical companies. This book combines personal memoir with information that is, in general, based on authoritative sources.By the author of eight other books, including the bestselling novel, "The Revised Kama Sutra."

Risk and Responsibility Nov 21 2021

Value Creation in the Pharmaceutical Industry Dec 11 2020 This practical guide for advanced students and decision-makers in the pharma and biotech industry presents key success factors in R&D along with value creators in pharmaceutical innovation. A team of editors and authors with extensive experience in academia and industry and at some of the most prestigious business schools in Europe discusses in detail the innovation process in pharma as well as common and new research and innovation strategies. In doing so, they cover collaboration and partnerships, open innovation, biopharmaceuticals, translational medicine, good manufacturing

practice, regulatory affairs, and portfolio management. Each chapter covers controversial aspects of recent developments in the pharmaceutical industry, with the aim of stimulating productive debates on the most effective and efficient innovation processes. A must-have for young professionals and MBA students preparing to enter R&D in pharma or biotech as well as for students on a combined BA/biomedical and natural sciences program.

Marijuana As Medicine? Feb 22 2022 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.

Mind Fixers: Psychiatry's Troubled Search for the Biology of Mental Illness Apr 26 2022 Mind Fixers tells the history of psychiatry's quest to understand the biological basis of mental illness and asks where we need to go from here. In Mind Fixers, Anne Harrington, author of The Cure Within, explores psychiatry's repeatedly frustrated struggle to understand mental disorder in biomedical terms. She shows how the stalling of early twentieth century efforts in this direction allowed Freudians and social scientists to insist, with some justification, that they had better ways of analyzing and fixing minds. But when the Freudians overreached, they drove psychiatry into a state of crisis that a new "biological revolution" was meant to alleviate. Harrington shows how little that biological revolution had to do with breakthroughs in science, and why the field has fallen into a state of crisis in our own time. Mind Fixers makes clear that psychiatry's waxing and waning biological enthusiasms have been shaped not just by developments in the clinic and lab, but also by a surprising range of social factors, including immigration, warfare, grassroots activism, and assumptions about race and gender. Government programs designed to empty the state mental hospitals, acrid rivalries between different factions in the field, industry profit mongering, consumerism, and an uncritical media have all contributed to the story as well. In focusing particularly on the search for the biological roots of schizophrenia, depression, and bipolar disorder, Harrington underscores the high human stakes for the millions of people who have sought medical answers for their mental suffering. This is not just a story about doctors and scientists, but about countless ordinary people and their loved ones. A clear-eyed, evenhanded, and yet passionate tour de force, Mind Fixers recounts the past and present struggle to make mental illness a biological problem in order to lay the groundwork for creating a better future, both for those who suffer and for those whose job it is to care for them.

Careers with the Pharmaceutical Industry Jul 06 2020 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.

Drugs for Life Mar 06 2023 Challenges our understanding of health, risks, facts, and clinical trials [Payot]

Selling Sickness Jun 28 2022 Thirty years ago, Henry Gadsden, the head of Merck, one of the world's largest drug companies, told Fortune magazine that he wanted Merck to be more like chewing gum maker Wrigley's. It had long been his dream to make drugs for healthy people so that Merck could "sell to everyone." Gadsden's dream now drives the marketing machinery of the most profitable industry on earth. Drug companies are systematically working to widen the very boundaries that define illness, and the markets for medication grow ever larger. Mild problems are redefined as serious illness and common complaints are labeled as medical conditions requiring drug treatments. Runny noses are now allergic rhinitis, PMS has become a psychiatric disorder, and hyperactive children have ADD. When it comes to conditions like high cholesterol or low bone density, being "at risk" is sold as a disease. Selling Sickness reveals how widening the boundaries of illness and lowering the threshold for treatments is creating millions of new patients and billions in new profits, in turn threatening to bankrupt health-care systems all over the world. As more and more of ordinary life becomes medicalized, the industry moves ever closer to Gadsden's dream: "selling to everyone."

PBMs Oct 09 2020 PBMs: Reshaping the Pharmaceutical Distribution Network provides HMOs and other third-party payers with information on the new and increasingly important role of pharmaceutical benefit companies (PBMs) in the health care industry. From this text, you will learn how PBMs can maintain and deliver a quality, cost-effective drug benefit plan to your company while achieving the anticipated market share for the product. PBMs: Reshaping the Pharmaceutical Distribution Network offers you suggestions on how to choose which PBM service is correct for your business, such as what qualifications to look for in a PBM, as well as what questions you should ask a respective company. This text also offers ways on how your company can benefit from becoming a client and may make your business more competitive in the pharmaceutical industry. PBMs: Reshaping the Pharmaceutical Distribution Network also informs you about the controversies that have arisen concerning the new position of PBMs in the industry. Through research and evaluation, this text addresses these issues from many different perspectives and gives you insight into other

topics concerning PBMs, including: operating methods that PBMs currently rely on for designing and overseeing a drug benefit plan how the Food and Drug Administration currently views the role of PBMs and why they are contemplating regulatory intervention alerting PBMs, pharmacies, pharmaceutical companies, and managed care organizations to new legal issues involving fraud and abuse affecting pharmacy benefit management and pharmaceutical manufacturers reasons why retail drug chains and pharmacist organizations oppose recent industry developments regarding PBMs whether or not PBMs reflect a move toward greater centralized decisionmaking in the health care systemIn addition, PBMs: Reshaping the Pharmaceutical Distribution Network offers pharmaceutical companies, health care providers, and managed care organizations several suggestions for further research, which may make your business or your business relationships more efficient and productive in the future. If you or your company are considering the services of a pharmacy benefit management, PBMs: Reshaping the Pharmaceutical Distribution Network will guide you in choosing a company that helps you deliver the most cost-effective and efficient pharmaceutical benefits to customers.

Principles of Pharmaceutical Marketing Jul 18 2021 Principles of Pharmaceutical Marketing, Third Edition offers the perspectives of both those who teach and those who practice pharmaceutical marketing. This reflects the need for and the effort to provide the most relevant □real world□ approach to this complex and fascinating field. This text is designed for undergraduate students in pharmacy whose background in marketing is limited, those actually involved in pharmaceutical marketing, and anyone desiring an introduction to the intricacies involved in the marketing of pharmaceutical products.

Selling Sickness Jan 04 2023 In this hard-hitting indictment of the pharmaceutical industry, Ray Moynihan and Allan Cassels show how drug companies are systematically using their dominating influence in the world of medical science, drug companies are working to widen the very boundaries that define illness. Mild problems are redefined as serious illness, and common complaints are labeled as medical conditions requiring drug treatments. Runny noses are now allergic rhinitis, PMS has become a psychiatric disorder, and hyperactive children have ADD. Selling Sickness reveals how expanding the boundaries of illness and lowering the threshold for treatments is creating millions of new patients and billions in new profits,

in turn threatening to bankrupt national healthcare systems all over the world. This Canadian edition includes an introduction placing the issue in a Canadian context and describing why Canadians should be concerned about the problem.

Sex, Lies and Pharmaceuticals Dec 23 2021 A brilliant dissection of the tragedy of greed preying on fear...this book offers the possibility of a different and less cruel future. Read, think and act!' - Dr Iona Heath, President, Royal College of General Practitioners, London 'An engaging expose of drug company campaigns...' - Amy Allina, National Women's Health Network, Washington DC 'this book tells the story of a turning point, something we may well look back on as a historical event in our lives...Very readable. Chilling.' - Dr Juliet Richters, University of New South Wales Hard-hitting and provocative, this powerful expose of the birth of a new 'disease' - and the multi-million dollar machine unleashed to market - takes us inside the corridors of medical power from Paris to Melbourne to Manhattan to witness the creation of 'female sexual dysfunction' as a twenty-first century epidemic. The characters in this corporate thriller are the global drug giants, the doctors and psychologists working with them, and the critics trying to untangle medical science from marketing who argue the new disorders of desire are a misleading and dangerous distraction from the real problems in sexual relationships. With claims that nearly one in two women suffer from 'female sexual dysfunction', some of the most profitable corporations on the planet are poised to exploit some of women's deepest fears with hopes for new billion dollar markets. Set against the great cultural contradictions of our time - increasing sexual liberation coupled with seemingly increasing sexual anxiety - Sex, Lies and Pharmaceuticals explores with compelling clarity what is really happening as the world prepares for the 'pink' Viagra.

Deadly Medicines and Organised Crime Aug 07 2020 PRESCRIPTION DRUGS ARE THE THIRD LEADING CAUSE OF DEATH AFTER HEART DISEASE AND CANCER. In his latest ground-breaking book, Peter C Gotzsche exposes the pharmaceutical industries and their charade of fraudulent behaviour, both in research and marketing where the morally repugnant disregard for human lives is the norm. He convincingly draws close co

Owning the Sun Jan 12 2021 For readers of Bad Blood and Empire of Pain, an authoritative look at monopoly medicine from the dawn of patents through the race for COVID-19 vaccines and how the privatization of public

science has prioritized profits over people Owning the Sun tells the story of one of the most contentious fights in human history: the legal right to produce lifesaving medicines. Medical science began as a discipline geared toward the betterment of all human life, but the merging of research with intellectual property and the rise of the pharmaceutical industry warped and eventually undermined its ethical foundations. Since World War II, federally funded research has facilitated most major medical breakthroughs, yet these drugs are often wholly controlled by price-gouging corporations with growing international ambitions. Why does the U.S. government fund the development of medical science in the name of the public only to relinquish exclusive rights to drug companies, and how does such a system impoverish us, weaken our responses to crises, and, as in the cases of AIDS and COVID-19, put the world at risk? Outlining how generations of public health and science advocates have attempted to hold the line against Big Pharma and their allies in government, Alexander Zaitchik's first-of-its-kind history documents the rise of privatized medicine in the United States and its subsequent globalization. From the controversial arrival of patent-wielding German drug firms in the late nineteenth century to present-day coordination between industry and philanthropic organizations—including the influential Bill & Melinda Gates Foundation—that stymie international efforts to vaccinate the world against COVID-19, Owning the Sun tells one of the most important and least understood histories of our time.

The Development of Medications for the Treatment of Opiate and Cocaine Addictions Feb 10 2021 Pharmacotherapy, as a means of treating drug addiction in combination with other treatment modalities, has received too little attention from the research community, the pharmaceutical industry, public health officials, and the federal government. Medications to combat drug addiction could have an enormous impact on the medical consequences and socioeconomic problems associated with drug abuse, both for drug-dependent individuals and for American society as a whole. This book examines the current environment for and obstacles to the development of anti-addiction medications, specifically those for treating opiate and cocaine addictions, and proposes incentives for the pharmaceutical industry that would help overcome those obstacles and accelerate the development of anti-addiction medications.

Research and Development in the Pharmaceutical Industry Mar 02 2020

Our Daily Meds Mar 14 2021 In the last thirty years, the big pharmaceutical

companies have transformed themselves into marketing machines selling dangerous medicines as if they were Coca-Cola or Cadillacs. They pitch drugs with video games and soft cuddly toys for children; promote them in churches and subways, at NASCAR races and state fairs. They've become experts at promoting fear of disease, just so they can sell us hope. No question: drugs can save lives. But the relentless marketing that has enriched corporate executives and sent stock prices soaring has come with a dark side. Prescription pills taken as directed by physicians are estimated to kill one American every five minutes. And that figure doesn't reflect the damage done as the overmedicated take to the roads. Our Daily Meds connects the dots for the first time to show how corporate salesmanship has triumphed over science inside the biggest pharmaceutical companies and, in turn, how this promotion driven industry has taken over the practice of medicine and is changing American life. It is an ageless story of the battle between good and evil, with potentially life-changing consequences for everyone, not just the 65 percent of Americans who unscrew a prescription cap every day. An industry with the promise to help so many is now leaving a legacy of needless harm.

The Pharmaceutical Industry and Dependency in the Third World May 28 2022 Gary Gereffi first explains how foreign corporations took over the flourishing Mexican steroid industry in the 1950s and 1960s and thwarted the country's later attempts to establish a more equitable distribution of industry benefits. In this valuable theoretical contribution Professor Gereffi uses the Mexican industry's plight as a crucial-case test for dependency theory. Originally published in 1983. The Princeton Legacy Library uses the latest print-on-demand technology to again make available previously out-of-print books from the distinguished backlist of Princeton University Press. These editions preserve the original texts of these important books while presenting them in durable paperback and hardcover editions. The goal of the Princeton Legacy Library is to vastly increase access to the rich scholarly heritage found in the thousands of books published by Princeton University Press since its founding in 1905.

Powerful Medicines Oct 01 2022 If you believe that the latest blockbuster medication is worth a premium price over your generic brand, or that doctors have access to all the information they need about a drug□s safety and effectiveness each time they write a prescription, Dr. Jerry Avorn has some sobering news. Drawing on more than twenty-five years of patient

care, teaching, and research at Harvard Medical School, he shares his firsthand experience of the wide gap in our knowledge of the effectiveness of one medication as compared to another. In Powerful Medicines, he reminds us that every pill we take represents a delicate compromise between the promise of healing, the risk of side effects, and an increasingly daunting price. The stakes on each front grow higher every year as new drugs with impressive power, worrisome side effects, and troubling costs are introduced. This is a comprehensive behind-the-scenes look at issues that affect everyone: our shortage of data comparing the worth of similar drugs for the same condition; alarming lapses in the detection of lethal side effects; the underuse of life-saving medications; lavish marketing campaigns that influence what doctors prescribe; and the resulting upward spiral of costs that places vital drugs beyond the reach of many Americans. In this engagingly written book, Dr. Avorn asks questions that will interest every consumer: How can a product judged safe by the Food and Drug Administration turn out to have unexpectedly lethal side effects? Why has the nation's drug bill been growing at nearly 20 percent per year? How can physicians and patients pick the best medication in its class? How do doctors actually make their prescribing decisions, and why do those decisions sometimes go wrong? Why do so many Americans suffer preventable illnesses and deaths that proper drug use could have averted? How can the nation gain control over its escalating drug budget without resorting to rationing or draconian governmental controls? Using clinical case histories taken from his own work as a practitioner, researcher, and advocate, Dr. Avorn demonstrates the impressive power of the well-conceived prescription as well as the debacles that can result when medications are misused. He describes an innovative program that employs the pharmaceutical industry's own marketing techniques to reduce use of some of the most overprescribed and overpriced products. Powerful Medicines offers timely and practical advice on how the nation can improve its drug-approval process, and how patients can work with doctors to make sure their prescriptions are safe, effective, and as affordable as possible. This is a passionate and provocative call for action as well as a compelling work of clear-headed science.

Over Dose Sep 19 2021 Dr. Cohen does more than expose drug company misdeeds regarding drug dosages--he shows consumers exactly how to monitor and control their own drug intake and offers practical information

about the potential dangers and safe uses of the nation's bestselling drugs.
Pharmaceuticals in the Environment Jan 30 2020 An important reference for researchers in the pharmaceutical industry, environmentalists and policy makers wanting to better understand the impacts of pharmaceuticals on the environment.
Bad Pharma Apr 07 2023 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.
3D Printing of Pharmaceuticals Jun 04 2020 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.

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