Drugs The Brain (Drugs 101 Book 12)

Synthesis of Essential Drugs describes methods of synthesis, activity and implementation of diversity of all drug types and classes. With over 2300 references, mainly patent, for the methods of synthesis for over 700 drugs, along with the most widespread synonyms for these drugs, this book fills the gap that exists in the literature of drug synthesis. It provides the kind of information that will be of interest to those who work, or plan to begin work, in the areas of biologically active compounds and the synthesis of medicinal drugs. This book presents the synthesis of various groups of drugs in an order similar to that traditionally presented in a pharmacology curriculum. This was done with a very specific goal in mind – to harmonize the chemical aspects with the pharmacology curriculum in a manner useful to chemists. Practically every chapter begins with an accepted brief definition and description of a particular group of drugs, proposes their classification, and briefly explains the present model of their action. This is followed by a detailed discussion of methods for their synthesis. Of the thousands of drugs existing on the pharmaceutical market, the book mainly covers generic drugs that are included in the WHO's Essential List of Drugs. For practically all of the 700+ drugs described in the book, references (around 2350) to the methods of their synthesis are given along with the most widespread synonyms. Synthesis of Essential Drugs is an excellent handbook for chemists, biochemists, medicinal chemists, pharmacists, pharmacologists, scientists, professionals, students, university libraries, researchers, medical doctors and students, and professionals working in medicinal chemistry. * Provides a brief description of methods of synthesis, activity and implementation of all drug types * Includes synonyms * Includes over 2300 references

The development of new CNS drugs is notoriously difficult. Drugs must reach CNS target sites for action and these sites are protected by a number of barriers, the most important being the blood –brain barrier (BBB). Many factors are therefore critical to consider for CNS drug delivery, e.g. active/passive transport across the BBB, intra-brain distribution, and central/systemic pharmacokinetics, to name a few. Neurological disease and trauma conditions add further complexity because CNS barriers, drug distribution and pharmacokinetics are dynamic and often changed by disease/trauma. Knowledge of all these factors and their interplay in different conditions is of utmost importance for proper CNS drug development and disease treatment. In recent years much information has become available for a better understanding of the many factors important for CNS drug delivery and how they interact to affect drug action. This book describes small and large drug delivery to the brain with an emphasis on the physiology of the BBB and the principles and concepts for drug delivery across the BBB and distribution within the brain. It contains methods descriptions for studying drug delivery, routes and approaches of administering drugs into the brain, the influence of disease, and drug industry perspectives. Therewith, it contributes to an in-depth understanding of the interplay between brain (patho)-physiology and drug characteristics. Furthermore, the content is designed to be both cutting-edge and educational, so that the book can be used in high-level training of academic and industry scientists with full references to original publications. ?

Never HIGHLIGHT a Book Again! Virtually all of the testable terms, concepts, persons, places, and events from the textbook are included. Cram101 Just the FACTS101 studyguides give all of the outlines, highlights, notes, and quizzes for your textbook with optional online comprehensive practice tests. Only Cram101 is Textbook Specific. Accompanys: 9780205355563 .

The premier text on substance abuse and addictive behaviors is now in its updated and expanded Fourth Edition, with up-to-the-minute insights from more than 150 experts at the front lines of patient management and research. This edition features expanded coverage of the neurobiology of abused substances, new pharmacologic therapies for addictions, and complete information on "club drugs" such as Ecstasy. New sections focus on addiction in children, adolescents, adults, and the elderly and women's health issues, including pregnancy. The expanded behavioral addictions section now includes hoarding, shopping, and computer/Internet abuse. Includes access to a Companion wesbite that has fully searchable text.

101 Theory Drive

Neurofeedback 101

Drugs, Brains, and Behavior

Foundational Concepts in Neuroscience: A Brain-Mind Odyssey (Norton Series on Interpersonal Neurobiology)

Nanomedicines for Brain Drug Delivery

Drug Use for Grown-Ups

Synthesis of Essential Drugs

" Hart ' s argument that we need to drastically revise our current view of illegal drugs is both powerful and timely . . . when it comes to the legacy of this country ' s war on drugs, we should all share his outrage. " —The New York Times Book Review From one of the world's foremost experts on the subject, a powerful argument that the greatest damage from drugs flows from their being illegal, and a hopeful reckoning with the possibility of their use as part of a responsible and happy life Dr. Carl L. Hart, Ziff Professor at Columbia University and former chair of the Department of Psychology, is one of the world's preeminent experts on the effects of so-called recreational drugs on the human mind and body. Dr. Hart is open about the fact that he uses drugs himself, in a happy balance with the rest of his full and productive life as a researcher and professor, husband, father, and friend. In Drug Use for Grown-Ups, he draws on decades of research and his own personal experience to argue definitively that the criminalization and demonization of drug use--not drugs themselves--have been a tremendous scourge on America, not least in reinforcing this country's enduring structural racism. Dr. Hart did not always have this view. He came of age in one of Miami's most troubled neighborhoods at a time when many ills were being laid at the door of crack cocaine. His initial work as a researcher was aimed at proving that drug use caused bad outcomes. But one problem kept cropping up: the evidence from his research did not support his hypothesis. From inside the massively well-funded research arm of the American war on drugs, he saw how the facts did not support the ideology. The truth was dismissed and distorted in order to keep fear and outrage stoked, the funds rolling in, and Black and brown bodies behind bars. Drug Use for Grown-Ups will be controversial, to be sure: the propaganda war, Dr. Hart argues, has been tremendously effective. Imagine if the only subject of any discussion about driving automobiles was fatal car crashes. Drug Use for Grown-Ups offers a radically different vision: when used responsibly, drugs can enrich and enhance our lives. We have a long way to go, but the vital conversation this book will generate is an extraordinarily important step.

The development of new CNS drugs is notoriously difficult. Drugs must reach CNS target sites for action and these sites are protected by a number of barriers, the most important being the blood – brain barrier (BBB). Many factors are therefore critical to consider for CNS drug delivery, e.g. active/passive transport across the BBB, intra-brain distribution, and central/systemic pharmacokinetics, to name a few. Neurological disease and trauma conditions add further complexity because CNS barriers, drug distribution and pharmacokinetics are dynamic and often changed by disease/trauma. Knowledge of all these factors and their interplay in different conditions is of utmost importance for proper CNS drug development and disease treatment. In recent years much information has become available for a better understanding of the many factors important for CNS drug delivery and how they interact to affect drug action. This book describes small and large drug delivery to the brain with an emphasis on the physiology of the BBB and the principles and concepts for drug delivery across the BBB and distribution within the brain. It contains methods descriptions for studying drug delivery, routes and approaches of administering drugs into the brain, the influence of disease, drug industry perspectives, and a primer on neuroanatomy and physiological considerations written specifically for drug delivery scientists. Therewith, it contributes to an in-depth understanding of the interplay between brain (patho)-physiology and drug characteristics. Furthermore, the content is designed to be both cutting-edge and educational, so that the book can be used in high-level training of academic and industry scientists with full references to original publications.

Key concepts in neuroscience presented for the non-medical reader. A fresh take on contemporary brain science, this book presents neuroscience—the scientific study of brain, mind, and behavior—in easy-to-understand ways with a focus on concepts of interest to all science readers. Rigorous and detailed enough to use as a textbook in a university or community college class, it is at the same time meant for any and all readers, clinicians and non-clinicians alike, interested in learning about the foundations of contemporary brain science. From molecules and cells to mind and consciousness, the known and the mysterious are presented in the context of the history of modern biology and with an eye toward better appreciating the beauty and growing public presence of brain science.

Traumatic Brain Injury: Rehabilitative Treatment and Case Management, Second Edition provides therapists, case managers and physicians with information about the longer-term issues faced by this population. Originally titled Traumatic Brain Injury Rehabilitation, this new edition updates the clinical information and broadens the scope of the best-s

Practical Suggestions for Creating a New Life

One Hundred and One Questions Your Brain Has Asked about Itself But Couldn't Answer ... Until Now

A Comprehensive Textbook

How To Improve Your Life With Biohacks, How To Train and Look After Your Brain and How To Manage Pain Naturally

The Addicted Brain

101 Tips for Recovering from Addictions

Drugs, the Brain and Behavior

ÿ 101 Tips for Recovering from Addictions ÿ can help transform the life of any recovering addict from bleak to bright. These practical suggestions give hope, from seeing the light at the end of the tunnel, to realizing this light holds a promising future to reclaim. Readers will learn: How to keep hope and seek help, even in the darkest of daysHow to deal with the major monster of denialHow to plan to become consistently productiveHow to take care of your brain and body so that you're happier and healthierHow to routinely remember to never give upHow to push through and know that recovery can be realizedAnd much, much more"101 Tips for Recovering from Addictions ÿ is a great resource, giving a simple, fun and easily digestible format to a treasure trove of accumulated wisdom from the Winners who have overcome addictions to have a happy and healthy life." --Sarah Graham, addiction expert and member of UK Advisory Council on the Misuse of Drugs (ACMD) "Having worked with people struggling with addictions for many years, I recognized many of the tools I regularly use among Rick Singer's ÿ 101 Tips for Recovering from Addictions ÿ -- I know they work. Therefore, I can confidently recommend this little book as inspiration, and as a guide." --Bob Rich, Ph.D. author of several self-help and inspirational books "101 Tips for Recovering from Addictions ÿ is a thoughtful, inspirational, must have for anyone in the addiction field or going through addiction themselves. Singer's own story is passionate, loving and realistic." --Mari Sweeting, Recovery Coach, Substance Abuse Counselor and DUI Instructor, Sonoma County, California "101 Tips for Recovering from Addictions ÿ provides a safe space, a space to learn tools that will encourage personal strength as you explore within and work to overcome your addiction. With this book and personal dedication you can move towards freedom." --Robin Marvel, author of ÿ Framing a Family: Building a Foundation to Raise Confident Children Learn more at www.RickSingerBooks.com Self-Help: Substance Abuse & Addictions - General

Miller takes readers on an eye-opening tour of psychotropic drugs, describing the various kinds, how they were discovered and developed, and how they have played multiple roles in virtually every culture.

What are illicit drugs? Why do people use them? What are the effects on the body of using drugs? Are some drugs more dangerous than others? What is addiction? Why are some people able to stop using drugs at will while others become addicted? Respected science author Magaret O. Hyde and Yale University School of Medicine physician John F. Setaro take a fresh approach to the problem of drug abuse among teens. This book looks at drugs and drug abuse honestly and realistically, from a review of the intoxicating and health effects of drugs to the war on drugs to the debate over legalization. The authors' straightforward descriptions of the physical, psychological, social, and legal effects of drug use will be highly informative to those teens in the process of making a decision of about drugs. The book will also benefit the one out of ten American teens who have already used drugs-and will be invaluable to the many for whom drugs have become a dependency. A self test for drug dependency and a list of website for organizations that can provide further information and assistance complete this practical, teen-friendly guide.

Do you want to be smarter? Do you want to boost your cognitive function? Do you want to boost your memory, creativity or increase your motivation using a safe and legal drug? If your answers are yes then this book is for you. Kratom is a drug that has long been existing and has since until now used by local people. Kratom is a cognitive enhancer that is easy to use. Kratom is a legal stimulant and sedative (depending on the type of strain). Kratom has the ability to ease the mind and improve brain function. It is a euphoric and nootropic drug that is currently sold in most countries. Unlike other psychoactive drugs like opium and marijuana, Kratom can actually be used with a very minimal risk of addiction. If you are a recovering cocaine, cannabis, or alcohol addict then kratom is the way forward. Kratom is a safe way to remain focused without the side effect or the usual high that other stimulant drugs give you. The effect of kratom usually lasts for approximately 2 to 3 hours. This is good, but for most of you that intend to maximize this period as well as the potency of kratom, this book discusses safe and easy ways to do so. this book also discusses the various ways to take kratom. One very important problem most people find with most euphoric drugs is dosing. Most people tend to overdose and subsequently harm themselves. While the other few that underdose is prone to the risk of getting addicted. This book also covers the proper dose you need and the duration.

Traumatic Brain Injury

The Role of the Read Through Variant of Acetylcholinesterase in Anxiogenic Effects of Predator Stress in Mice

Communicating Risks and Benefits

Rehabilitation, Treatment, and Case Management, Second Edition

How Doctors Were Duped, Patients Got Hooked, and Why It ' s So Hard to Stop

Outlines and Highlights for Mind, Brain, and Drug

Never HIGHLIGHT a Book Again! Includes all testable terms, concepts, persons, places, and events. Cram101 Just the FACTS101 studyguides gives all of the outlines, highlights, and quizzes for your textbook with optional online comprehensive practice tests. Only Cram101 is Textbook Specific. Accompanies: 9780878935109. This item is printed on demand.

Life scientists have declared the 1990s to be the "Decade of the Brain." Undoubtedly the most important organ, the brain is perhaps the least understood. Until recently, the proper methodology for exploring the basic functions of the brain were not available. However, the new era of computer technology brain imaging and molecular biology have given scientists the tools for studying previously hidden mechanisms of the brain which control thinking, emotions, and behavior. Along with this new knowledge, scientists have observed that drugs of abuse can alter these same brain functions in a profound and persistent manner. Drugs of abuse are widely used substances that differ in chemical nature but have a common property-creating dependence. Dependence is characterized by a stereotypical pattern of behavior oriented toward the search, acquisition, and ingestion of drugs of abuse with such frequency and in such quantity as to be harmful. This behavior is beyond the control of reason and will. Studies conducted during the "decade of the brain" or before, show that the clinically observed, dependent behavior induced by drugs of abuse result from neurophysiological and chemical alterations of complex brain mechanisms. These mechanisms involve the production and turnover of the brain neurotransmitters that carry information in the brain neurocircuitry, changes in brain metabolism and circulation, and alterations in the expression of DNA which programs the functions or the neuronal cell. This book describes a number of newly discovered basic brain mechanisms and the alterations caused by drugs of abuse. Contributions by top researchers in fields of radian biology, biochemistry, genetics, and pharmacology examine the new technological improvements for the measurement of brain function, metabolism, blood flow and drug elimination and report changes in brain biochemistry, including DNA expression, as they occur during drug abuse. Physicians and health professionals will benefit from a better understanding of the effects of drugs on the brain which will lead to more effective interventions for prevention and treatment. Highlights include: New knowledge about the brain New methods of investigation Opiates and the brain Marijuana and the brain Cocaine and the brain This book will be of interest to health professionals and program administrators involved in the education and treatment of substance abuse disorders, as well as physicians, nurses, psychiatric social workers, neuroscientists, and pharmacologists.

Prozac, Xanax, Halcion, Haldol, Lithium. These psychiatric drugs--and dozens of other short-term "solutions"--are being prescribed by doctors across the country as a quick antidote to depression, panic disorder, obsessive-compulsive disorder, and other psychiatric problems. But at what cost? In this searing, myth-shattering exposé, psychiatrist Peter R. Breggin, M.D., breaks through the hype and false promises surrounding the "New Psychiatry" and shows how dangerous, even potentially brain-damaging, many of its drugs and treatments are. He asserts that: psychiatric drugs are spreading an epidemic of long-term brain damage; mental "illnesses" like schizophrenia, depression, and anxiety disorder have never been proven to be genetic or even physical in origin, but are under the jurisdiction of medical doctors; millions of schoolchildren, housewives, elderly people, and others are labeled with medical diagnoses and treated with authoritarian interventions, rather than being patiently listened to, understood, and helped. Toxic Psychiatry sounds a passionate, much-needed wake-up call for everyone who plays a part, active or passive, in America's ever-increasing dependence on harmful psychiatric drugs.

A neuroscientist provides over 200 tips, grounded in research, to help you retain information. Billions of dollars are spent each year on herbs, vitamins, and drugs that can supposedly help you build a better memory or preserve the skills you have. With over 200 well-researched tips and 300 scholarly references, Memory Power 101 is an effective and affordable way for students to get better grades, professionals to build confidence, and seniors to take control of their brain health. Dr. Klemm explains the different kinds of memories and how they are stored and accessed in everyday situations. He offers advice on learning how to focus and pay attention so that key pieces of information are more easily used. He talks about the importance of cues and stimuli both when learning and in recall, and discusses repressed memories, Freudian slips, the roles of both exercise and sleep in building a better memory, and more. With his advice, you can improve your memory of names and faces, as well as information you've heard and read; keep better track of numbers and places—and even remember where you left your house keys and where you parked your car.

Rewiring the Brain for ADHD, Anxiety, Depression and Beyond (without Medication)

Nanocarriers for Drug-Targeting Brain Tumors

A Comprehensive Guide to Better Learning for Students, Businesspeople, and Seniors

Memory Power 101

The Science of Addiction

Drugs and the Neuroscience of Behavior

The Straight Facts about the Most Used and Abused Drugs from Alcohol to Ecstasy

Drugs 101 (Revised Edition)An Overview for TeensTwenty-First Century Books

What Neurofeedback Does and How it Works for:ADHDDepressionAnxietyInsomniaConcussionsAutismProcessingMigraines?other brain issues

The medical use of marijuana is surrounded by a cloud of social, political, and religious controversy, which obscures the facts that should be considered in the debate. This book summarizes what we know about marijuana from evidence-based medicine--the harm it may do and the relief it may bring to patients. The book helps the reader understand not only what science has to say about medical marijuana but also the logic behind the scientific conclusions. Marijuana and Medicine addresses the science base and the therapeutic effects of marijuana use for medical conditions such as glaucoma and multiple sclerosis. It covers marijuana's mechanism of action, acute and chronic effects on health and behavior, potential adverse effects, efficacy of different delivery systems, analysis of the data about marijuana as a gateway drug, and the prospects for developing cannabinoid drugs. The book evaluates how well marijuana meets accepted standards for medicine and considers the conclusions of other blue-ribbon panels. Full of useful facts, this volume will be important to anyone interested in informed debate about the medical use of marijuana: advocates and opponents as well as policymakers, regulators, and health care providers.

A fully revised and updated edition of the groundbreaking book on tackling the root causes of children's attention and behavior problems rather than masking the symptoms with medication. More than twenty years after Dr. Thomas Armstrong's Myth of the A.D.D. Child first published, he presents much needed updates and insights in this substantially revised edition. When The Myth of the A.D.D. Child was first published in 1995, Dr. Thomas Armstrong made the controversial argument that many behaviors labeled as ADD or ADHD are simply a child's active response to complex social, emotional, and educational influences. In this fully revised and updated edition, Dr. Armstrong shows readers how to address the underlying causes of a child's attention and behavior problems in order to help their children implement positive changes in their lives. The rate of ADHD diagnosis has increased sharply, along with the prescription of medications to treat it. Now needed more than ever, this book includes fifty-one new non-drug strategies to help children overcome attention and behavior problems, as well as updates to the original fifty proven strategies.

An Introduction to Psychopharmacology by Hedges, ISBN

Kratom 101

Why Therapy, Empathy and Love Must Replace the Drugs, Electroshock, and Biochemical Theories of the "New Psychiatry"

The Science and Culture Behind Psychotropic Drugs

Beginner's Guide to Habits, Strategies and Diet for Training Your Brain So You Can Get The Most Out of It to Be Smarter, More Focused, More Alert and More Creative

Blood-Brain Barrier in Drug Discovery

An Evidence Based User's Guide

Provides current, factual information about many of the most commonly used and abused drugs, looking at how they affect the brain, their short and long term effects, the highs they produce, and the dangers associated with them.

An obsessive scientist and his eclectic team of researchers race to discover one of the hidden treasures of neuroscience--the physical makeup of memory--and in the process pursue a pharmaceutical wonder drug. Gary Lynch is the epitome of the rebel scientist: malnourished, contentious, inspiring, explosive, ambitious, and consistently brilliant. He is one of the foremost figures of contemporary neuroscience, and his decades-long quest to understand the inner workings of the brain's memory machine has begun to pay off. Journalist Terry McDermott spent nearly two years observing Lynch at work and now gives us a fascinating account of daily life in his lab--the highs and lows, the drudgery and eureka moments, the agonizing failures. He provides detailed, lucid explanations of the cutting-edge science that enabled Lynch to reveal the inner workings of the molecular machine that manufactures memory.--From publisher description.

Focused on central nervous system (CNS) drug discovery efforts, this book educates drug researchers about the blood-brain barrier (BBB) so they can affect important improvements in one of the most significant – and most challenging – areas of drug discovery. • Written by world experts to provide practical solutions to increase brain penetration or minimize CNS side-effects • Reviews state-of-the-art in silico, in vitro, and in vivo tools to assess brain penetration and advanced CNS drug delivery strategies • Covers BBB physiology, medicinal chemistry design principles, free drug hypothesis for the BBB, and transport mechanisms including passive diffusion, uptake/efflux transporters, and receptor-mediated processes • Highlights the advances in modelling BBB pharmacokinetics and dynamics relationships (PK/PD) and physiologically-based pharmacokinetics (PBPK) • Discusses case studies of successful CNS and non-CNS drugs, lessons learned and paths to the market

Drug use and abuse continues to thrive in contemporary society worldwide and the instance and damage caused by addiction increases along with availability. The Effects of Drug Abuse on the Human Nervous System presents objective, state-of-the-art information on the impact of drug abuse on the human nervous system, with each chapter offering a specific focus on nicotine, alcohol, marijuana, cocaine, methamphetamine, MDMA, sedative-hypnotics, and designer drugs. Other chapters provide a context for drug use, with overviews of use and consequences, epidemiology and risk factors, genetics of use and treatment success, and strategies to screen populations and provide appropriate interventions. The book offers meaningful, relevant and timely information for scientists, health-care professionals and treatment providers. A comprehensive reference on the effects of drug addiction on the human nervous system Focuses on core drug addiction issues from nicotine, cocaine, methamphetamine, alcohol, and other commonly abused drugs Includes foundational science chapters on the biology of addiction Details challenges in diagnosis and treatment options

Optimizing Brain Exposure of CNS Drugs and Minimizing Brain Side Effects for Peripheral Drugs

#familyaddictions101

An Overview for Teens

101 Things to Know If You are Addicted to Painkillers

The Beginners Guide to Kratom How to Use Kratom Pills, Dose Kratom, Overcome Addiction and Boost Kratom By 100%

Toxic Psychiatry

The Myth of the ADHD Child, Revised Edition

⭐⭐⭐ Buy the Paperback version of this book and get the eBook version included for FREE ⭐⭐⭐ We all know that health and fitness are important and that it is necessary to put in the time in order to achieve fitness results. However, the same applies to the brain since your brain is, in many ways, like a muscle, and you can improve it by doing the right things over the course of time. Showing you how to do that is what this book is about. We all know that unhealthy foods and junk foods are bad for our bodies and how staying away from those foods is among the most important things when it comes to fitness and health goals. The same goes for the brain, however, and even though it is important to do the right things daily that move your forward, it is also necessary to know how to identify certain things that are akin to junk food for the brain so you can stop doing those things. In this book you can expect to learn about: -How your brain works -The best games for training your brain -Diet and supplements -Should you use Smart drugs? -And much more! A lot of people recognize the benefits of physical fitness, which is admirable; however, in today's world, your success depends on your brain and how you look after it more than ever before and that is why you want to ensure that you start investing in yourself as soon as possible so you can gain massive dividends down the road. If you are ready to learn how to take care of and improve your brain, then scrolling over to the BUY button and clicking it is the first step.

The up-to-date Second Edition presents an accessible introduction to the rapidly advancing field of psychopharmacology through an examination of how drug actions in the brain affect psychological processes. To help readers develop an appreciation of the development of drug treatments and neuroscience over time, the book provides historical background, covering major topics in psychopharmacology, including discussion on newer drugs and recent trends in drug use. Pedagogical features at the forefront of the latest scholarship of teaching and learning are integrated throughout the text to ensure readers are able to easily process and understand the material.

"...the authors provide a detailed review of existing drug policy in the United States and an excellent and thorough review of the effects of both legal and illegal substances. One of the book's outstanding features is its comprehensive coverage of policy regarding legal and non legal drugs...this book is also extremely thought provoking and challenges readers to consider the foundation of their own perspectives on drugs and drug policies." —PSYCCRITIQUES Drugs and Drug Policy: The Control of Consciousness Alteration provides a cross-national perspective on the regulation of drug use by examining and critiquing drug policies in the United States and abroad in terms of their scope, goals, and effectiveness. In this engaging text, authors Clayton J. Mosher and Scott Akins discuss the physiological, psychological, and behavioral effects of legal and illicit drugs; the patterns and correlates of use; and theories of the "causes" of drug use.

"Addiction to painkillers is a national epidemic. It kills 115 Americans every day. Painkiller overdose is now the leading cause of death among people under fifty. But, life doesn't come with an instruction manual on what to do if you're in the clutches of addiction. And because most people are ashamed of their addiction, they are reluctant to seek help. Now, 101 Things to Know if You're Addicted to Painkillers cuts to the chase, offering "bare bones" lessons on what you need understand about overcoming addiction. The book addresses questions such as: How does addiction "rewire" the brain? How does denial perpetuate drug addiction? Can you recover alone? What drugs relieve withdrawal symptoms? What's involved with out-patient and out-patient treatment? How can you prevent relapse? Don't lose hope! Millions have recovered from addiction. You can, too!"--

Substance Abuse

Chasing Liberty in the Land of Fear

Drug Abuse in the Decade of the Brain

Biohacking, Brain Health and Natural Pain Management

Drug Dealer, MD

Marijuana and Medicine

Why We Abuse Drugs, Alcohol, and Nicotine

Three out of four people addicted to heroin probably started on a prescription opioid, according to the director of the Centers for Disease Control and Prevention. In the United States alone, 16,000 people die each year as a result of prescription opioid overdose. But perhaps the most frightening aspect of the prescription drug epidemic is that it ' s built on well-meaning doctors treating patients with real problems. In Drug Dealer, MD, Dr. Anna Lembke uncovers the unseen forces driving opioid addiction nationwide. Combining case studies from her own practice with vital statistics drawn from public policy, cultural anthropology, and neuroscience, she explores the complex relationship between doctors and patients, the science of addiction, and the barriers to successfully addressing drug dependence and addiction. Even when addiction is recognized by doctors and their patients, she argues, many doctors don ' t know how to treat it, connections to treatment are lacking, and insurance companies won ' t pay for rehab. Full of extensive interviews–with health care providers, pharmacists, social workers, hospital administrators, insurance company executives, journalists, economists, advocates, and patients and their families–Drug Dealer, MD, is for anyone whose life has been touched in some way by addiction to prescription drugs. Dr. Lembke gives voice to the millions of Americans struggling with prescription drugs while singling out the real culprits behind the rise in opioid addiction: cultural narratives that promote pills as quick fixes, pharmaceutical corporations in cahoots with organized medicine, and a new medical bureaucracy focused on the bottom line that favors pills, procedures, and patient satisfaction over wellness. Dr. Lembke concludes that the prescription drug epidemic is a symptom of a faltering health care system, the solution for which lies in rethinking how health care is delivered.

Forget everything you thought you knew about addiction. After working with and listening to hundreds of people struggling with addictions, Lisa began formulating strategies for measuring success. What works and what doesn't? She knew there is no better source than the people struggling themselves. From talking to people with years of sobriety, to those panhandling on the streets, she began to see patterns which lead to an unyielding search for answers and advocacy for those that couldn't advocate for themselves. Have you and your family been suffering alongside a loved one affected by an addiction? Are you wondering how you can support your loved one without enabling them? #familyaddictions101 helps to answer these questions, and you will again have hope that you can be supportive and loving, meeting your loved one wherever they are at in their struggle. Within the pages of this book, you will: * See that the path to addiction can begin as early as in the womb; * Explore the commonly discussed causes of drug addictions; * Look at the in-depth role that trauma has in addiction and stigma has in recovery; * See the history and current discussions around self-medicating and dual-diagnosis; and * Learn about tough love, coping as a family, and where to find answers. An easy to read book, #familyaddictions101 provides you with evidence-based practices to put in your toolkit! When finished, you will want to learn more, and you will have the confidence of knowing where and how to get it!

A scientific explanation of addiction by a leading neuroscientist looks at how and why people become addicts and discusses advances in prevention and treatment.

Effective risk communication is essential to the well-being of any organization and those people who depend on it. Ineffective communication can cost lives, money and reputations. Communicating Risks and Benefits: An Evidence-Based User ' s Guide provides the scientific foundations for effective communications. The book authoritatively summarizes the relevant research, draws out its implications for communication design, and provides practical ways to evaluate and improve communications for any decision involving risks and benefits. Topics include the communication of quantitative information and warnings, the roles of emotion and the news media, the effects of age and literacy, and tests of how well communications meet the organization ' s goals. The guide will help users in any organization, with any budget, to make the science of their communications as sound as the science that they are communicating.

Cram101 Textbook Outlines to Accompany Psychopharmacology

Studyguide for Psychopharmacology

Drugs 101 (Revised Edition)

Drug Delivery to the Brain

Brody's Human Pharmacology

Physiological Concepts, Methodologies and Approaches

Drugs and Drug Policy

Nanocarriers for Drug-Targeting Brain Tumors covers different types of nanocarriers and their design and development for targeting drugs to the brain. The book also presents case studies and the mechanism of action of nanocarriers in drug targeting to a specific site. This helps researchers and clinicians understand the design, development and mechanism of action of nanocarriers. As brain tumors continue to be a significant health problem globally, and very complex for targeting drugs, conventional dosage forms are not very effective and side-effects are a major concern. Functionalized nanocarriers can address these problems. Furthermore, the targeting of nanocarriers is preferred for reducing toxicity and improving the effectiveness of the drugs. However, there is a need for understanding the design and development of formulation with the mechanism of action of nanocarriers for brain targeting. Provides information on the design and development of nanocarriers for targeting brain tumors Outlines the working principles of different nanocarriers for targeting brain tumors Includes case studies of different nanocarriers for targeting brain tumors

?? Buy the Paperback version of this book and get the eBook version included for FREE ?? Everyone wishes to achieve all their goals in life without compromising or jeopardizing what is truly important. That can be accomplished, however, it will require giving your body what it needs to carry you through the challenges, and that can be accomplished through the use of biohacks. Biohacks are small changes to your day to day life which can provide massive benefits, despite their seeming simplicity. Biohacks are more helpful than ever in our world today since it can be hard and time-consuming to implement changes from the ground-up in a world that is faster and more demanding than ever. You can expect to learn about: -Drinking healthier water -Protecting yourself from things which impact your sleep negatively -The best games for training your brain -Should you use Smart drugs? -Figuring out what kind of pain you are dealing with -Natural drug-free methods for pain relief -And much more! Books included: -Biohacking Guide: Learn How To Implement Biohacks into Your Daily Life To Be Healthier, Feel Better and Achieve More -Brain Health 101: Beginner's Guide to Habits, Strategies and Diet for Training Your Brain So You Can Get The Most Out of It to Be Smarter, More Focused, More Alert and More Creative -Natural Pain Management: Learn How to Achieve Pain Relief Naturally and Without Drugs so That You Can Live a Carefree Life Which We All Deserve Even though it may seem overwhelming, the best way to start is to simply focus on one biohack at a time until you start seeing obvious benefits from it, after which it will be much easier to implement additional biohacks with your new-found motivation and momentum. If you are ready to learn about biohacking, brain health and natural pain management, then scrolling over to the BUY button and clicking it is the first step.

Provides information about the phsycial aspects of the brain and how it functions, effects of diseases and drugs on the brain, memory, senses, and more in question and answer format.

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