

Amphetamine Drugs 101

Illegal psychoactive substances and illicit prescription drugs are currently used on a daily basis all over the world. Affecting public health and social welfare, illicit drug use is linked to disease, disability, and social problems. Faced with an increase in usage, national and global policymakers are turning to addiction science for guidance on how to create evidence-based drug policy. Drug Policy and the Public Good is an objective analytical basis on which to build global drug policies. It presents the accumulated scientific knowledge on drug use in relation to policy development on a national and international level. By also revealing new epidemiological data on the global dimensions of drug misuse, it questions existing regulations and highlights the growing need for evidence-based, realistic, and coordinated drug policy. A critical review of cumulative scientific evidence, Drug Policy and the Public Good discusses four areas of drug policy; primary prevention programs in schools and other settings; supply reduction programs, including legal enforcement and drug interdiction; treatment interventions and harm reduction approaches; and control of the legal market through prescription drug regimes. In addition, it analyses the current state of global drug policy, and advocates improvements in the drafting of public health policy. Drug Policy and the Public Good is a global source of information and inspiration for policymakers involved in public health and social welfare. Presenting new research on illicit and prescription drug use, it is also an essential tool for academics, and a significant contribution to the translation of addiction research into effective drug policy.

A review of the literature pertaining to the neurobehavioral pharmacology of abusable drugs, this is the only book to survey each of the eleven classes of addictive drugs from the perspectives of neurological, behavioral, and clinical pharmacology. Designed to serve as a companion text to the DSM-IV manual, the Handbook provides comprehensive information about each drug and drug class having abuse potential with respect to their pharmaceutical mechanisms and actions.

The growth in the use of amphetamine-type stimulants (ATS) has become a significant global problem over the last 10-15 years, often involving new and unfamiliar ATS and trafficking trends which present a challenge to both national law enforcement authorities and to scientists in drug testing forensic laboratories. Given the need for more accurate methods for identification and analysis, this manual reflects the discussions and conclusions of a UNODC Consultative Meeting held in London in September 1998.

Forbidden Drugs

Cocaine

Theories on Drug Abuse

Side Effects of Drugs Annual

Drugs of Abuse and Addiction

Neuropathology of Drug Addictions and Substance Misuse Volume 2

A guide to the techniques and analysis of clinical data. Each of the seventeen sections begins with a drawing and biographical sketch of a seminal contributor to the discipline. After an introduction and historical survey of clinical methods, the next fifteen sections are organized by body system. Each contains clinical data items from the history, physical examination, and laboratory investigations that are generally included in a comprehensive patient evaluation. Annotation copyrighted by Book News, Inc., Portland, OR

Compilation of prescription and over-the-counter products giving identification of the drug product, by product or generic name, manufacturer or labeler name, dosage form, strength, route of administration, and legal status, regardless of how the product is packaged.

The only comprehensive book on drugs and substances of abuse written specifically for health care providers! A timely and authoritative compilation of current available data concerning the status, trends, and individual pharmacology of drugs and substances of abuse in North America. Features more than 100 drug monographs all listed in alphabetical order to facilitate rapid access to necessary data.

Handbook of Substance Abuse

Drugs 101 (Revised Edition)

Research Issues

Drugs, Brains, and Behavior

The Use of Adderall, Ritalin and Related Drugs for Behavior Modification, Neuroenhancement and Anti-Aging Purposes

The Control of Consciousness Alteration

Drugs of Abuse and Addiction: Neurobehavioral Toxicology examines drugs of abuse and addiction and how they affect behavior. This book considers the entire range of addiction research in humans and animals, using a multidisciplinary approach to discuss all areas of the neuro- and behavioral sciences involved. Emphasis is on acute and chronic effect

Basic knowledge about the nature and treatment of stimulant use disorders. Reviews what is currently known about treating the med., psychiatric, and substance abuse-dependence problems assoc. with the use of 2 high-profile stimulants: cocaine and methamphetamine (MA). The info. is understandable and relevant for clinicians and other "front line" substance use disorder treat. providers. Offers recomm. on treat. approaches, recomm. to maximize treat. engagement, strategies for planning and initiating treat., and strategies for initiating and maintaining abstinence. Includes recomm. for the med. mgmt. of stimulant users and recomm. regarding special groups and settings.

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

The Amphetamine Debate

Neurobehavioral Pharmacology

Use and Abuse of Amphetamine and Its Substitutes

Drugs and Drug Policy

Clinical Methods

Addictions

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 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.

Neuropathology of Drug Addictions and Substance Misuse, Volume 2: Stimulants, Club and Dissociative Drugs, Hallucinogens, Steroids, Inhalants and International Aspects is the second of three volumes in this informative series and offers a comprehensive examination of the adverse consequences of the most common drugs of abuse. Each volume serves to update the reader's knowledge on the broader field of addiction as well as to deepen understanding of specific addictive substances. Volume 2 addresses stimulants, club and dissociative drugs, hallucinogens, and inhalants and solvents. Each section provides data on the general, molecular and cellular, and structural and functional neurological aspects of a given substance, with a focus on the adverse consequences of addictions. Research shows that the neuropathological features of one addiction are often applicable to those of others, and understanding these commonalties provides a platform for studying specific addictions in more depth and may ultimately lead researchers toward new modes of understanding, causation, prevention, and treatment. However, marshalling data on the complex relationships between addictions is difficult due to the myriad material and substances. Offers a modern approach to understanding the pathology of substances of abuse, offering an evidence-based ethos for understanding the neurology of addictions Fills an existing gap in the literature by serving as a "one-stop-shopping synopsis of everything to do with the neuropathology of drugs of addiction and substance misuse Includes in each chapter: list of abbreviations, abstract, introduction, applications to other addictions and substance misuse, mini-dictionary of terms, summary points, 6+ figures and tables, and full references Offers coverage of preclinical, clinical, and population studies, from the cell to whole organs, and from the genome to whole body Featuring more than 4100 references, Drug-Induced Liver Disease will be an invaluable reference for gastroenterologists, hepatologists, family physicians, internists, pathologists, pharmacists, pharmacologists, and clinical toxicologists, and graduate and medical school students in these disciplines.

Drug Interactions: 1970-1971

Critical Issues in Alcohol and Drugs of Abuse Testing

An Overview for Teens

Manual for Use by National Drug Testing Laboratories

The Science of Addiction

Color Test Reagents/kits for Preliminary Identification of Drugs of Abuse

Critical Issues in Alcohol and Drugs of Abuse Testing, Second Edition, addresses the general principles and technological advances for measuring drugs and alcohol, along with the pitfalls of drugs of abuse testing. Many designer drugs, for example, are not routinely tested in drugs of abuse panels and may go undetected in a drug test. This updated edition is a must-have for clinical pathologists, toxicologists, clinicians, and medical review officers and regulators, bridging the gap between technical and clinical information. Topics of note include the monitoring of pain management drugs, bath salts, spices (synthetic marijuana), designer drugs and date rape drugs, and more. Serves as a ready resource of information for alcohol and drug testing Ideal resource for making decisions related to the monitoring and interpretation of results

Includes concise content for clinical laboratory scientists, toxicologists and clinicians

Side Effects of Drugs Annual: A Worldwide Yearly Survey of New Data in Adverse Drug Reactions was first published in 1977, and has been continually published as a yearly update to the voluminous encyclopedia Meyler's Side Effects of Drugs. Each Annual provides clinicians and medical investigators with a reliable and critical survey of new data and trends in the area of adverse drug reactions and interactions, with an international team of specialists contributing their expertise each year. Provides a critical yearly survey of the new data and trends regarding the side effects of drugs Authored and reviewed by pioneers throughout the world in the clinical and practice sciences Presents an essential clinical on the side effects of drugs for practitioners and healthcare professionals

Written by the foremost authority in the field, this volume is a comprehensive review of the multifaceted phenomenon of hepatotoxicity. Dr. Zimmerman examines the interface between chemicals and the liver; the latest research in experimental hepatotoxicology; the hepatotoxic risks of household, industrial, and environmental chemicals; and the adverse effects of drugs on the liver. This thoroughly revised, updated Second Edition features a greatly expanded section on the wide variety of drugs that can cause liver injury. For quick reference, an appendix lists these medications and their associated hepatic injuries. Also included are in-depth discussions of drug metabolism and factors affecting susceptibility to liver injury.

The Amphetamines; Toxicity and Addiction

A worldwide yearly survey of new data in adverse drug reactions

An Essential Board Exam Study Guide

A Toxicologist's Perspective

Beating Drug Tests and Defending Positive Results

Principles of Addiction Medicine

"Drugs, Brains, and Behavior" is an online textbook written by C. Robin Timmons and Leonard W. Hamilton. The book was previously published by Prentice Hall, Inc. in 1990 as "Principles of Behavioral Pharmacology." The authors attempt to develop an understanding of the interpenetration of brain, behavior and environment. They discuss the chemistry of behavior in both the literal sense of neurochemistry and the figurative sense of an analysis of the reactions with the environment.

Addictions is designed for students and professionals who wish to gain an authoritative, research-based knowledge of a variety of addictions. It covers issues such as diagnosis, epidemiology, psychological and biological models and treatments and draws on the research of The National Drug and Alcohol Research Centre, Sydney, and on a variety of international surveys. Addictions is written by experts in the field of drug and alcohol research, and takes into account a variety of theories, including neuroscientific, psychological, behavioural, personality and rational choice. It includes material on: The nature of addiction and who becomes addicted The health consequences of alcohol and other drug dependence Theories and causes of addiction It provides a timely and accessible introduction to this field.

Drug discrimination: a practical guide to its contributions to the invention of new chemical entities and evaluations of new or known pharmacological agents Drug discrimination can be described as a "drug detection" procedure that uses a pharmacologically active agent as the subjective stimulus. Although the procedure does require some effort to implement, it can be an extremely important tool for understanding drug action. Whereas medicinal chemists should come to learn the types of information that drug discrimination studies can offer, pharmacologists and psychologists might come to realize how medicinal chemists can apply the types of information that the paradigm routinely provides. Drug Discrimination: Applications to Medicinal Chemistry and Drug Studies provides in-depth analyses of the nature and use of drugs as discriminative stimuli and bridges some of the numerous gaps between medicinal chemistry, pharmacology, and psychology. Stressing the practical aspects of drug discrimination, including types of procedures, study design, data, and interpretation, the book details the advantages and limitations of drug discrimination studies versus other pharmacologic evaluations. Practical information from leading researchers in the field addresses specific topics and techniques that are of interest in drug discovery, evaluation, and development. A groundbreaking new guide to the applications of drug discrimination studies for medicinal chemistry and neuroscience, Drug Discrimination is essential for any scientist, researcher, or student whose interests involve the design, development, and/or action of drugs acting at the level of the central nervous system.

National Drug Code Directory

Drug-Induced Liver Disease

Absolute Addiction Psychiatry Review

Pagliarios' Comprehensive Guide to Drugs and Substances of Abuse

Hearings, Ninety-second Congress, First Session, Pursuant to S. Res. 32, Section 12, Investigation of Juvenile Delinquency in the United States

Fighting Meth in America's Heartland: Assessing the Impact on Local Law Enforcemnt and Childwelfare Agencies Serial No. 109-101

A study of illegal drugs used throughout the world, examining their effects and side effects; and discussing why people use drugs, how they become addicted, and the possibilities of making such drugs legal.

This book serves as a tool for general psychiatrists, medical students, residents, and fellows looking for a clinically relevant and high-yield overview of addiction psychiatry in preparation for their board exams – or for everyday clinical practice. In addiction psychiatry, the text is organized by substances misused and populations affected. This book serves as both a primary learning tool for those new to the field, as well as a reference for those working in addiction treatment. Each clinical pearls, followed by general information including treatment, and then ends with accompanying board-style review questions. The scope includes understanding substances of misuse and substance use disorders (SUDs), how to evaluate and treat SUDs both pharmacologically and behaviorally, and critical information for specific populations of patients. Absolute Addiction Psychiatry for Clinical Practice and Review is an excellent resource for all medical students, residents, fellows, and board-certification exams in addiction, including those in psychiatry, addiction medicine, emergency medicine, internal medicine, pain medicine, and others. The chapter "Laboratory Testing for Substance Use Disorders" is available open access under International License via link.springer.com.

This book covers both sides of the debate over amphetamine prescription and use. It discusses the history of amphetamine and related stimulants; ADHD and the use of Ritalin and Adderall to treat it; related neuroenhancers; methamphetamine; the nature of addiction and side effects; sociological effects of amphetamine compounds; and expert opinions for and against amphetamine use.

Mental, Neurological, and Substance Use Disorders

Pharmacological and Toxicological Perspectives of Commonly Abused Drugs

DAWN Quarterly Reports

Medical Toxicology of Drug Abuse

Treatment for Stimulant Use Disorders

Hearings Before the Subcommittee to Investigate Juvenile Delinquency ... , 92-1, on S.Res. 32, Section 12, July 15 and 16, 1971

"Arguing that the underground drug culture had origins other than in federal prohibition, he concludes with some thoughts on what our early experience with legalization and prohibition can tell us as we face questions about drug policy today."--BOOK JACKET.

Mental, neurological, and substance use disorders are common, highly disabling, and associated with significant premature mortality. The impact of these disorders on the social and economic well-being of individuals, families, and societies is large, growing, and underestimated. Despite this burden, these disorders have been systematically neglected, particularly in low- and middle-income countries, with pitifully small contributions to scaling up cost-effective prevention and treatment strategies. Systematically compiling the substantial existing knowledge to address this inequity is the central goal of this volume. This evidence-base can help policy makers in resource-constrained settings as they prioritize programs and interventions to address these disorders.

A majority of the Fortune 500 Companies implement some practice of workplace drug testing in their company policies. This practice was first initiated by President Ronald Reagan when he ordered federal agencies to drug test federal employees involved in sensitive positions as well as positions involving public safety. As a practicing toxicologist, Dr. Amitava Dasgupta is involved with the pre-employment drug testing at his own hospital and aptly shares his expertise in Beating Drug Tests and Defending Positive Results: A Toxicologist ' s Perspective, which covers all major issues concerning how people try to beat drug tests and defend positive test results. In each chapter, extensive references are cited so that readers can access more information on a particular topic that may interest them. The book will undoubtedly prove helpful to toxicologists, medical technologists, pathologists, human resources professionals and anyone interested in workplace drug testing.

From Medical Marvel to Modern Menace in the United States, 1884-1920

Selected Contemporary Perspectives

Indicators of Alcohol and Drug Abuse

Stimulants, Club and Dissociative Drugs, Hallucinogens, Steroids, Inhalants and International Aspects

Drug Policy and the Public Good

Synthesized Chemicals and Psychoactive Plants

This book provides a broad reference covering important drugs of abuse including amphetamines, opiates, and steroids. It also covers psychoactive plants such as caffeine, peyote, and psilocybin. It provides chemical structures, analytical methods, clinical features, and treatments of these drugs of abuse, serving as a highly useful, in-depth supplement to a general medical toxicology book. The style allows for the easy application of the contents to searchable databases and other electronic products, making this an essential resource for practitioners in medical toxicology, industrial hygiene, occupational medicine, pharmaceuticals, environmental organizations, pathology, and related fields.

"...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.

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

Applications to Medicinal Chemistry and Drug Studies

Hepatotoxicity

Recommended Methods for the Identification and Analysis of Amphetamine, Methamphetamine and Their Ring-substituted Analogues in Seized Materials

Synthesis of Essential Drugs

The Adverse Effects of Drugs and Other Chemicals on the Liver

Drug Discrimination

This respected text from the American Society of Addiction Medicine is valuable for all physicians and mental-health personnel who specialize in addiction medicine and who treat patients with addiction disorders. The chapters blend scientific principles underlying addiction with the practical essentials of clinical addiction medicine. Many of the contributors are affiliated with leading government agencies that study addiction and its science, such as the National Institute on Alcohol Abuse and Alcoholism and the National Institute on Drug Abuse. The book will appeal to a wide and interdisciplinary range of professionals, especially those with interest or duties relating to addiction-related disorders, and in particular physicians seeking certification status via either the American Board of Addiction Medicine or the American Board of Psychiatry and Neurology. A companion Website will offer the fully searchable text.

Drug-Induced Liver Injury

Amphetamine Legislation 1971

The History, Physical, and Laboratory Examinations

Neurobehavioral Toxicology

Disease Control Priorities, Third Edition (Volume 4)