

# Amitava Dasgupta Prescription Or Poison

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**Medicine Across Cultures** - Helaine Selin 2006-04-11

This work deals with the medical knowledge and beliefs of cultures outside of the United States and Europe. In addition to articles surveying Islamic, Chinese, Native American, Aboriginal Australian, Indian, Egyptian, and Tibetan medicine, the book includes essays on comparing Chinese and western medicine and religion and medicine. Each essay is well illustrated and contains an extensive bibliography.

**Resolving Erroneous Reports in Toxicology and Therapeutic Drug Monitoring** - Amitava Dasgupta 2012-07-02

The tools for detecting false positives, false negatives, and interference in interactions when testing and monitoring therapeutic drug use For physicians monitoring a patient's progress, efficacy of treatment is often linked to a patient's response to medication. Determining whether a patient is taking the prescribed amount, the drug or dosage is effective, or the prescribed medication is interacting with other drugs can be determined through drug testing. Written as a guide for toxicologists, chemists, and health professionals involved in patient care, *Resolving Erroneous Reports in Toxicology and Therapeutic Drug Monitoring* provides an up-to-date introduction to the tests and methodologies used in a toxicology lab as well as the sources of testing error that can lead to false positives, false negatives, and unreliable conclusions of drug abuse or under use. Covering a host of common therapeutic drugs as well as specific types of interference in immunoassays used in drug testing, the book details a number of possible testing scenarios and problems as well as solutions: False positive results in immunoassays for drugs in abuse testing Interferences in immunoassays used for monitoring anticonvulsants, tricyclic antidepressants, and digoxin False positive alcohol tests using breath analyzers and automated analyzers When a toxicology report is negative in a suspected overdose patient: the world of designer drugs Effects of drug-herb interactions on therapeutic drug monitoring Pharmacogenomics and the general principles of genetic analysis Approaches for eliminating interference/discordant specimen in therapeutic drug monitoring and drugs in abuse testing What to do in case there is no readily available method for testing Complete with easy-to-read tables and flowcharts, this book helps toxicologists, clinical chemists, clinical pathologists, and forensic pathologists develop accurate, unbiased drug monitoring and toxicology reports. Health care professionals involved in patient care, especially of critically ill patients, will find this guide indispensable in making sure lab tests are reliable enough to provide high-quality care. An indispensable handbook to the entire suite of toxicology lab tests, as well as all the possible sources of testing error, *Resolving Erroneous Reports in Toxicology and Therapeutic Drug Monitoring* offers clear remedies for eliminating and preventing testing error.

**Prescription Or Poison?** - Amitava Dasgupta 2011-02-15

From echinacea to ayurvedics, this book explains how toxic these remedies are alone or in combination with other widely prescribed drug treatments. For example, one should avoid most herbal remedies when pregnant because of pesticides and preservatives required in growth and storage of the herbs; a widely used herbal antidepressant called kava does damage to the liver; most ayurvedic medicines contain unacceptable levels of lead and other heavy metals; St. John's Wort is not recommended if you are taking a medication for any chronic medical condition. Dr. Dasgupta explains in simple, engaging prose what drug interactions are and why they are dangerous. Most educated people see herbal remedies as "natural" and therefore "safe." Dr. Dasgupta tells us that one of his first pharmacology professors taught him that "medicine" is just another word for "poison" and should be treated with the same respect. He will present a balanced account of efficacy and safety of herbal medicines with discussion on potentially unsafe and toxic remedies. This book will be written in layman's language for the consumer health market but will be based on solid medical research and

published reports in the medical literature.

**Critical Issues in Alcohol and Drugs of Abuse Testing** - Amitava Dasgupta 2019-01-10

*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

**Literary Cultures in History** - Sheldon Pollock 2003-05-19

Publisher Description

**Vajrayogini** - Elizabeth English 2013-02-08

Vajrayogini is a tantric goddess from the highest class of Buddhist tantras who manifests the ultimate development of wisdom and compassion. Her practice is prevalent today among practitioners of Tibetan Buddhism. This ground-breaking book delves into the origins of Vajrayogini, charting her evolution in India and examining her roots in the Cakrasamvara tantra and in Indian tradition relating to siva. The focus of this work is the Guhyasamayasadhanamala, a collection of forty-six sadhanas, or practice texts. Written on palm leaves in Sanskrit and preserved since the twelfth century, this diverse collection, composed by various authors, reveals a multitude of forms of the goddess, each of which is described and illustrated here. One of the sadhanas, the Vajravahni Sadhana by Umapatideva, depicts Vajrayogini at the center of a mandala of thirty-seven different goddesses, and is here presented in full translation alongside a Sanskrit edition. Elizabeth English provides extensive explanation and annotation of this representative text. Sixteen pages of stunning color plates not only enhance the study but bring the goddess to life.

**Therapeutic Drug Monitoring Data** - Amitava Dasgupta 2019-09-14

*Therapeutic Drug Monitoring Data: A Concise Guide*, Fourth Edition serves as a ready resource of information on commonly monitored drugs that will help readers make decisions relating to the monitoring and interpretation of results. It is an easy-to-read source of information on intended use, pharmacokinetics, therapeutic range, and toxic concentrations, as well as bioavailability, disposition, metabolism and the excretion of commonly monitored therapeutic drugs. This fully updated fourth edition includes sections on new anticonvulsants, anti-depressant and anti-HIV drugs, new drugs for advanced cancer treatment, and thoroughly updated chapters that address new pitfalls and problems in the lab. Serves as a ready resource of information for commonly monitored drugs Presents a useful, quick guide for those making decisions related to monitoring and interpretation of results Provides concise, easily digestible content for clinical laboratory scientists, toxicologists and clinicians

**Six Ways of Being Religious** - Dale S. Cannon 1996

This text gives students a framework for their comparative study of religion that includes full, in-depth descriptions of each "way of being religious."

**Human Toxicology** - J. Descotes 1996-09-02

This excellent volume was designed and edited with two major ideas in mind: firstly, the field of clinical toxicology is changing and an acknowledgement of these changes is warranted; secondly, no comprehensive compilation of recently published case reports of, and

clinical studies on, human poisonings is available, which is in sharp contrast to the closely related field of drug-induced side-effects. The book focusses on issues of recent concern, or issues poorly documented in the past. It is important that clinical toxicologists gain a better knowledge of all the available techniques of toxicological analysis. A better understanding of the way a sound interpretation of results should be conducted for the benefit of the patient's management, and a comprehensive set of data on the kinetics of the most common pharmaceutical drugs and many chemicals is required. Human Toxicology is a timely reference work which will be welcomed by a broad audience of toxicology professionals.

**A Health Educator's Guide to Understanding Drugs of Abuse Testing** - Amitava Dasgupta 2010

The drug free workplace initiative was started in 1986 by President Ronald Reagan when he issued an executive order to develop guidelines for drug abuse testing for Federal Government employees. Since then, most state, government, and private employers have adopted the policy of a drug free workplace. Today, pre-employment drug testing is almost mandatory and passing the drug test is a condition for hire. A Health Educator's Guide to Understanding Drug Abuse Testing describes in layman's language the process of testing for drugs and provides coverage of what potential employees are being tested for, how the tests are performed, and what foods and drugs may affect the test results and may jeopardize a person's chance of being hired. Written by a practicing toxicologist, this text gives health educators a solid foundation in the process of drug testing and helps them understand how different methods of cheating drug tests are rendered ineffectual.

**Accurate Results in the Clinical Laboratory** - Amitava Dasgupta 2013-01-22

This practical, easy-to-use guide, named to Doody's Core Titles 2013, addresses interference issues in all laboratory tests, including patient epigenetics, process of specimen collection, enzymes, biomarkers. Clinicians and laboratory scientists can therefore rely on one reference which speaks to both their needs of accurate specimen analysis and optimal patient care. Erroneous hospital and pathology laboratory results can be confusing and problematic, especially in acute care situations. While some factors creating interference, can be identified in the laboratory, detecting many others is often dependent on clinical details unavailable to the laboratory scientists or pathologists. Therefore, clinicians must become proficient in identifying such erroneous reports, and working with pathologists and laboratory scientists so that they can understand the source of such interferences, correct the results, and then decide what course of action must be followed for proper patient management. Named to Doody's Core Titles 2013, a collection development tool for health sciences libraries of all sizes, by Doody Enterprises Practical information for both clinicians and laboratory scientists, presented in the form of tables and charts for easy reference Focus on range and sources of interferences rather than details of toxicologic mechanisms which are well covered in toxicology textbooks Covers interferences across endocrine, oncology, hematology, immunohistochemistry, immunology, serology, microbiology, and molecular testing

**Shakespeare Without Class** - Donald Keith Hedrick 2000

This study simultaneously supports and challenges Shakespeare's universality. It does this by showing that Shakespeare is not universal insofar as his poetry speaks to all people of all classes, beyond class distinctions, but by demonstrating just how deeply entrenched Shakespeare is across a spectrum of socioeconomic structures and class, gender and ethnic struggles. The subjects of these essays range from Shakespeare's own appropriation of the sonnet form from Elizabethan couriers to reinterpretations of Shakespeare's plays in 19th-century African theatre to Brecht's political reworkings of Shakespeare's plays to pedagogical uses of Shakespeare in cultural studies courses to adaptations of Shakespeare in gay porn films.

**Accurate Results in the Clinical Laboratory** - Amitava Dasgupta 2019-07-20

Accurate Results in the Clinical Laboratory: A Guide to Error Detection and Correction, Second Edition, provides a comprehensive review of the factors leading to errors in all areas of clinical laboratory testing. This trusted guide addresses interference issues in all laboratory tests, including patient epigenetics, processes of specimen collection, enzymes and biomarkers. Clinicians and laboratory scientists will both benefit from this reference that applies discussions to both accurate specimen analysis and optimal patient care. Hence, this is the perfect reference for clinical laboratorians, from trainees, to experienced pathologists and

directors. Provides comprehensive coverage across endocrine, oncology, hematology, immunohistochemistry, immunology, serology, microbiology, and molecular testing Includes new case studies that highlight clinical relevance and errors to avoid Highlights the best titles published within a variety of medical specialties Reviewed by medical librarians and content specialists, with key selections compiled in their annual list

**Beating Drug Tests and Defending Positive Results** - Amitava Dasgupta 2014-09-23

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.

**Drugs, Addiction, and the Brain** - George F. Koob 2014-07-12

Drugs, Addiction, and the Brain explores the molecular, cellular, and neurocircuitry systems in the brain that are responsible for drug addiction. Common neurobiological elements are emphasized that provide novel insights into how the brain mediates the acute rewarding effects of drugs of abuse and how it changes during the transition from initial drug use to compulsive drug use and addiction. The book provides a detailed overview of the pathophysiology of the disease. The information provided will be useful for neuroscientists in the field of addiction, drug abuse treatment providers, and undergraduate and postgraduate students who are interested in learning the diverse effects of drugs of abuse on the brain. Full-color circuitry diagrams of brain regions implicated in each stage of the addiction cycle Actual data figures from original sources illustrating key concepts and findings Introduction to basic neuropharmacology terms and concepts Introduction to numerous animal models used to study diverse aspects of drug use. Thorough review of extant work on the neurobiology of addiction

**The Resolve to Become a Buddha** - Dorji Wangchuk 2007

**Obscure Religious Cults** - Shashi Bhushan Dasgupta 1995

*Pocket Antioxidants* - Amitava Dasgupta 2014-05-01

What are antioxidants and why are they so importance to our health? Pocket Antioxidants delivers current, medically proven knowledge about the power of antioxidants and how you can use them to find better health. Dr Amitava Dasgupta has an extensive background in antioxidant research and in this book he separates fact from fiction providing a simple yet scientifically sound guide to incorporating antioxidants into the everyday diet. What are free radicals? And how can we harness the power of antioxidants to live better for longer? In the modern world we don't drink enough water. We eat the wrong kinds of food and we don't get enough sleep or exercise. However, in this pocket-sized guide, Dr. Amitava Dasgupta tells you how even chocolate and alcohol can be good for you.

**Addictive Substances and Neurological Disease** - Ronald Ross Watson 2017-02-18

Addictive Substances and Neurological Disease: Alcohol, Tobacco, Caffeine, and Drugs of Abuse in Everyday Lifestyles is a complete guide to the manifold effects of addictive substances on the brain, providing readers with the latest developing research on how these substances are implicated in neurological development and dysfunction. Cannabis, cocaine, and other illicit drugs can have substantial negative effects on the structure and functioning of the brain. However, other common habituating and addictive substances often used as part of an individual's lifestyle, i.e., alcohol, tobacco, caffeine, painkillers can also compromise brain health and effect or accentuate neurological disease. This book provides broad coverage of the effects of addictive substances on the brain, beginning with an overview of how the substances lead to dysfunction before examining each substance in depth. It discusses the pathology of addiction, the structural damage resulting from abuse of various substances, and covers the neurobiological, neurodegenerative,

behavioral, and cognitive implications of use across the lifespan, from prenatal exposure, to adolescence and old age. This book aids researchers seeking an understanding of the neurological changes that these substances induce, and is also extremely useful for those seeking potential treatments and therapies for individuals suffering from chronic abuse of these substances. Integrates current research on the actions of addictive substances in neurological disease Includes functional foods, such as caffeine beverages, that have habituating effects on the brain Provides a synopsis of key ideas associated with the consequences of addictive and habituating lifestyle substances

*Over-the-Counter Medications* - Rosa Waters 2014-11-17

Though you probably know the risks of using illegal drugs like cocaine and heroin, you might not know just how dangerous many over-the-counter medications can be when abused or taken incorrectly. Cough syrups, diet pills, sleeping pills, and other over-the-counter medications can be just as dangerous as many illegal drugs. Learn more about the true risks of taking these readily available drugs. Discover the downside of over-the-counter medications!

**Antioxidants in Food, Vitamins and Supplements** - Amitava Dasgupta 2014-02-11

Antioxidants in Food, Vitamins and Supplements bridges the gap between books aimed at consumers and technical volumes written for investigators in antioxidant research. It explores the role of oxidative stress in the pathophysiology of various diseases as well as antioxidant foods, vitamins, and all antioxidant supplements, including herbal supplements. It offers healthcare professionals a rich resource of key clinical information and basic scientific explanations relevant to the development and prevention of specific diseases. The book is written at an intermediate level, and can be easily understood by readers with a college level chemistry and biology background. Covers both oxidative stress-induced diseases as well as antioxidant-rich foods (not the chemistry of antioxidants) Contains easy-to-read tables and figures for quick reference information on antioxidant foods and vitamins Includes a glycemic index and a table of ORAC values of various fruits and vegetables for clinicians to easily make recommendations to patients

**Provincializing Europe** - Dipesh Chakrabarty 2009-06-05

First published in 2000, Dipesh Chakrabarty's influential *Provincializing Europe* addresses the mythical figure of Europe that is often taken to be the original site of modernity in many histories of capitalist transition in non-Western countries. This imaginary Europe, Dipesh Chakrabarty argues, is built into the social sciences. The very idea of historicizing carries with it some peculiarly European assumptions about disenfranchised space, secular time, and sovereignty. Measured against such mythical standards, capitalist transition in the third world has often seemed either incomplete or lacking. *Provincializing Europe* proposes that every case of transition to capitalism is a case of translation as well—a translation of existing worlds and their thought-categories into the categories and self-understandings of capitalist modernity. Now featuring a new preface in which Chakrabarty responds to his critics, this book globalizes European thought by exploring how it may be renewed both for and from the margins.

**A World of Nourishment. Reflections on Food in Indian Culture** - C. Pieruccini 2017

**Civil War Pharmacy** - Michael A Flannery 2017-06-16

When the Civil War began, the U.S. pharmaceutical industry was concentrated almost exclusively in Philadelphia and was dominated by just a few major firms; when the war ended, it was poised to expand nationwide. *Civil War Pharmacy* is the first book to delineate how the growing field of pharmacy gained respect and traction in, and even distinction from, the medical world because of the large-scale manufacture and dispersion of drug supplies and therapeutics during the Civil War. In this second edition, Flannery captures the full societal involvement in drug provision, on both the Union and Confederate sides, and places it within the context of what was then assumed about health and healing. He examines the roles of physicians, hospital stewards, and nurses—both male and female—and analyzes how the blockade of Southern ports meant fewer pharmaceutical supplies were available for Confederate soldiers, resulting in reduced Confederate troop strength. Flannery provides a thorough overview of the professional, economic, and military factors comprising pharmacy from 1861 to 1865 and includes the long-term consequences of the war for the pharmaceutical profession. Winner (first edition), *Archivists and Librarians in the History of the Health Sciences*, Best Book Award

**Alternative Futures** - K J Joy 2018-03-06

A remarkable, first-ever collection of 35 essays on India's future, by a diverse set of authors - activists, researchers, media practitioners, those who have influenced policies and those working at the grassroots. This book brings together scenarios of an India that is politically and socially egalitarian, radically democratic, economically sustainable and equitable, and socio-culturally diverse and harmonious. *Alternative Futures: India Unshackled* covers a wide range of issues, organized under four sections. It explores ecological futures including environmental governance, biodiversity conservation, water and energy. Next, it envisions political futures including those of democracy and power, law, ideology, and India's role in the globe. A number of essays then look at economic futures, including agriculture, pastoralism, industry, crafts, villages and cities, localization, markets, transportation and technology. Finally, it explores socio-cultural futures, encompassing languages, learning and education, knowledge, health, sexuality and gender, and marginalized sections like dalits, adivasis, and religious minorities. Introductory and concluding essays tie these diverse visions together. Most essays include both futuristic scenarios and present initiatives that demonstrate the possibility of such futures. At a time when India faces increasing polarization along parochial, physical and mental boundaries, these essays provide a breath of fresh air and hope in the grounded possibilities for an alternative, decentralized, eco-culturally centred future. The essays range from the dreamy-eyed to the hard-headed, from the provocative to the gently persuasive. This book would hold appeal for a wide range of readers - youth, academics, development professionals, policy makers, government officials, activists, people's movements, media persons, business persons - concerned about the current state of India and the world, and willing to engage critically in the collective search for a better future.

**Paraquat Poisoning** - Chantal Bismuth 1995

This volume offers in-depth coverage of all important aspects of human paraquat poisoning, providing recent information on everything from the basic science of liquid peroxidation, to recent recommendations for prevention, diagnosis, prognosis and treatment. Perspectives from developed and developing countries are given. This work is intended for: medical and clinical toxicologists; organic, medicinal, agricultural and herbicide chemists; poison information specialists; public health, regulatory compliance and risk management officers; sanitarians; industrial hygienists; ecologists; and graduate-level and continuing-education students in these disciplines.

**Internal Medicine** - Jacob Mathew, Jr. 2018-07-22

*Internal Medicine: Intern Survival guide* is not just for interns, but essential for all primary care providers! The second edition has been updated through 7/2018 with the most current, evidence-based approaches to caring for major conditions commonly seen in patients in both the inpatient and outpatient environments.

**Buddhist Insight** - Alex Wayman 1990

The present volume selects twenty-four of Prof. Wayman's published research papers around the topic of *Buddhist Insight*, and includes only strong, well developed papers consistent with the topic. Students of Buddhism and general Indian religion will find here a rich offering of genuine research with the best of sources and Wayman's own thoughtful presentations and original organization of the information. The papers begin with Buddha as Savior among the latest and end with the earliest in this volume, *Twenty one Praises of Tara*. The Hindu and Buddhist Studies illustrate Wayman's comparative approach by showing both sides in their strong independence, and sensitively revealing their relation.

**Prescription Or Poison?** - Amitava Dasgupta 2010-06

The widely used herbal antidepressant kava is damaging to the liver. Pregnant women should avoid most herbal remedies because of pesticides and preservatives required in the growth and storage of the herbs. Most ayurvedic medicines contain unacceptable levels of lead and other heavy metals. St. John's Wort could complicate any chronic medical condition. Many people see herbal remedies as "natural" and therefore safe, but in *Prescription or Poison?* Dr. Amitava Dasgupta explains that one of his first pharmacology professors taught him that "medicine" is just another word for "poison" and all medicines of any kind should be treated with great caution. This book, written for the layperson but based on solid science and research, explains how toxic many alternative remedies can be, alone or in combination with widely prescribed drug treatments. He includes detailed information on the proper use of alternative medicines and their history of good results, while also cautioning readers in this wake-up call about the casual, often uninformed, and sometimes damaging use of alternative remedies.

**Herbal Supplements** - Amitava Dasgupta 2011-03-21

HERBAL SUPPLEMENTS An evenhanded study of pharmacological interactions between Western drugs and herbal supplements Today, a significant percentage of Americans turn to complementary and alternative medicine practices. Despite their popularity and wide use, these products do not undergo the same pre-market testing for safety and efficacy that is required of pharmaceuticals. In *Herbal Supplements: Efficacy, Toxicity, Interactions with Western Drugs, and Effects on Clinical Laboratory Tests*, editors Amitava Dasgupta and Catherine Hammett-Stabler present a comprehensive introduction to both safe and unsafe herbal supplements. The book emphasizes the pharmacological interactions identified between Western drugs and herbal supplements, and the effects of herbal supplements on clinical laboratory tests. *Herbal Supplements* provides a guide to the interpretation of abnormal test results in otherwise healthy subjects due to use of herbal remedies. Focusing on interactions between herbals and pharmaceuticals, sources of contamination in herbal supplements, and analytical techniques used in the investigation of herbal remedies, the book details: Pharmacological interactions between Western drugs and herbal supplements Effects of herbal supplements on clinical laboratory tests Key interactions between herbal supplements and various pharmaceutical drugs Medicinal plants and toxic effects Contamination of herbal supplements from metals, pharmaceuticals, and plant poisoning Analytical techniques, including immunoassays, used in the investigation of herbal remedies Unbiased and literature-based, this text offers toxicologists, clinical chemists, analysts, and pharmacologists a no-nonsense take on the efficacy, toxicity, and drug interactions of herbal supplements and medicines.

**Alcohol, Drugs, Genes and the Clinical Laboratory** - Amitava Dasgupta 2016-10-17

*Alcohol, Drugs, Genes and the Clinical Laboratory* provides an overview and quick reference to genetic relationships and clinical laboratory information related to the serious public health issue of alcohol and drug abuse. Written in a clear and concise manner, this book discusses the necessary information for health and safety professionals working in public health to learn about complex issues quickly to better help their patients, employees, and others affected by alcohol and drug abuse. *Alcohol, Drugs, Genes and the Clinical Laboratory* covers the important aspects of drugs and alcohol abuse including genetic aspects along with laboratory methods for analysis of alcohol and abused drugs with emphasis on false positive test results. The book is helpful to healthcare professionals, such as pathologists who oversee alcohol and drug testing, emergency room physicians, family practice physicians who are first healthcare professionals who identify patients susceptible to drug and alcohol abuse, and psychiatrists involved with drug and alcohol rehabilitation programs. It will also be useful to safety professionals who have to assess individuals for workplace responsibilities, ranging from police and recruitment to occupational safety and occupational medicine and public health officials. Features accessible language for healthcare and safety professionals who are not experts in laboratory procedures Provides examples from clinical and everyday situations Explains how to interpret laboratory results and the latest genetic factors regarding drug and alcohol abuse

**Drug Discovery for Leishmaniasis** - Carmen Gil 2017-10-26

For human health, leishmaniasis is among the most important protozoan diseases, superseded only by malaria. Globally, 10 to 12 million people are infected with 1.5 million new cases every year. The development of cheaper new drugs is urgently needed for this neglected disease that is developing resistance to current treatments. Chemotherapy remains the only treatment option for the bulk of patients. However, this is largely unaffordable for most. In the past three years numerous advances in drug discovery have been made for treating this disease by exploiting diverging metabolic pathways between the *Leishmania* enzymes and their hosts, using nanotechnology to target the immune cell phagolysosomes where *Leishmania* resides. *Drug Discovery for Leishmaniasis* aims to provide a perspective of the current treatments and their challenges, blended with the emerging strategies and methodologies that will drive new target appraisals and drug developments, as well as addressing the molecular basis of resistance in *Leishmania*. Recent studies have shown that leishmaniasis affects some of the poorest people in the world, with 95% of fatal cases occurring in only 6 countries. With the WHO goal of eliminating this public health problem in the South-east Asia Region by 2020, this book will be important for anyone who is interested in neglected tropical diseases.

**Fighting the Opioid Epidemic** - Amitava Dasgupta 2020-07-22

*Fighting the Opioid Epidemic: The Role of Providers and the Clinical*

*Laboratory in Understanding Who Is Vulnerable* covers the important aspects that are essential in fighting the opioid epidemic. This succinct reference highlights how the toxicology laboratory can play a vital role in fighting the opioid epidemic by implementing a robust system for drugs of abuse testing as well as drug testing in pain management patients. It targets health care professionals in a technical manner, discussing polymorphisms of important genes that may be associated with increased vulnerability of alcohol and drug addiction to an individual. Covers all important aspects of opioid abuse, including genetic and environmental factors Discusses pharmacology, toxicology and the pharmacogenomics related to opioid metabolism Presents genetic and environmental factors associated with those vulnerable to opioid addiction, as well as the pitfalls of drug testing in pain management

**Botulinum Toxin in Urology** - Michael B. Chancellor 2011-06-24

Bladder injection of onabotulinumtoxinA for the treatment of urinary incontinence due to neurogenic detrusor overactivity has recently been approved by regulatory agencies in several EU countries and by the FDA in the United States. This is the first book to focus on the practical application of botulinum toxin (BoNT) in the genitourinary tract. It covers in detail applications of BoNT in the bladder and the prostate and pelvic floor, with reviews of the latest clinical series and techniques in both adults and children. Appendices containing easy-to-read instructions for patients undergoing bladder and prostate BoNT injections are included, in addition to procedural guidelines for nursing staff. The book is written in a concise, clinically relevant style by two leading pioneers in the field, who were the first to undertake comprehensive basic research into the mechanisms underlying the efficacy and potential uses of BoNT within the lower urinary tract.

**Buddhism in India** - Gail Omvedt 2003-08-05

This book is an historical survey of Buddhism in India and shows how over a period of 2500 years, Buddhism has been engaged in a struggle against caste-hierarchy. It has challenged Brahmanism, the main exploitative system of traditional Indian society, and instead endeavoured to build religious egalitarianism. The book focuses on the question of what is the 'core' element in Buddhist Dhamma, on what role it has played in the development of Indian civilization, and the changed perspective of Buddhism in a modern industrial age. The author starts with the rise of Buddhism in the middle of the second millenium BC amidst crucial cultural and social developments. The teachings of Buddha and the different forms of Buddhism have been discussed. Here the contrast between Buddhism and Brahmanism with regard to the caste system, the origin and role of state, the approach to various social groups and the position of women is well defined. The author examines the civilizational impact of Buddhism, its connections with ancient India's leading role in trade, its spread and popularity in South and Southeast Asia, its role in fostering a dynamic and open society as against the hierarchical, village-bound, caste-defined Brahmanical social system. Then came the defeat of Buddhism in India and the reassertion of Brahmanism. For centuries Buddhism retreated to what some term as its 'underground survival'. Its relationship with the syncretist Bhakti movement has been another important aspect of the book. Finally the revival of Buddhism in the nineteenth century, the dalit-based success of the religion under Ambedkar and its future in India have been studied. The author argues that Ambedkarian Buddhism can serve as a powerful force for reconstructing society in a new and challenging millenium.

**The Science of Drinking** - Amitava Dasgupta 2011-04-16

Scientific research has clearly established that drinking in moderation has many health benefits, including maintaining a healthy heart. Yet, many people do not know that drinking red wine protects the heart more than white wine, while beer, margaritas, and hard liquor are less effective in providing such protection. And while alcoholism is a serious problem requiring medical and psychological treatment, for those who are not addicted, drinking alcohol is not necessarily a bad habit. The problem is to distinguish between drinking sensibly and drinking insensibly. Dasgupta clearly outlines what constitutes healthy drinking and its attendant health benefits, offers advice on how to drink responsibly, and provides insight into just how alcohol works on the brain and the body. After reading this book, readers will enjoy their next drink with a fuller and safer understanding of why they're enjoying it.

**The Origin and Development of Early Indian Contemplative Practices** - Edward Fitzpatrick Crangle 1994

**Armed Conflict and Environment** - Detlef Briesen 2018-11-05

Erstmals werden die vielfältigen Wechselwirkungen zwischen bewaffneten Konflikten und den menschlichen und natürlichen

Umwelten zugleich geschichts- und sozialwissenschaftlich analysiert. Haben die meisten bisherigen Forschungen dieses Thema vor allem mit Blick auf Umweltzerstörungen durch Kriegshandlungen oder durch Aufrüstung schon in Friedenszeiten behandelt, so geht diese Veröffentlichung einen Schritt weiter. Daher wird der historische Wandel dieser komplexen Wechselbeziehung an konkreten Beispielen sichtbar gemacht: vom Zweiten Weltkrieg in Europa und Asien über den klassischen Stellvertreterkrieg in Vietnam bis zu den aktuellen asymmetrischen Kriegen in Südasien. Dabei stehen zugleich systematische Fragestellungen im Mittelpunkt: Wie beeinflussen Umwelten bewaffnete Konflikte? Wie verändern Kriege Umwelten? Und wie entstehen komplette "Kriegslandschaften" (warscapes), in denen Krieg und Militarisierung die Beziehungen zwischen Menschen und Umwelten nachhaltig verändern. Mit Beiträgen von Detlef Briesen, Anthony Goreau-Ponceaud, David Pickus, Sarada Prasanna Das, Nguyen Thi Hanh, Nguyen Thi Thuy Hang, Dao Duc Thuan/Nguyen Van Ngoc, Tim Kaiser, Dam Thi Phuong Thuy/Nguyen Van Bac, Brigitte Sébastia, Manish Tiwari, Babu Rangaiah/Kumaresan Raja, Martin Dinges.  
Reflections on the Tantras - Sudhakar Chattopadhyaya 1978

The brochur touches upon all the principal precepts of Tantra, especially the esoteric practices. an account of the Sakta pithas has also been given in the background of the ethnological divisions of India. New light has been thrown on the origin of bija, mantra and gayatrt occurring in Tantric works. The study may be regarded as a new one, since scientific discussion of Tantricism has not yet progressed so far satisfactorily, especially from the point of view of the Tantrics themselves.

Chromatographic Methods in Clinical Chemistry and Toxicology - Roger Bertholf 2007-01-30

This book aims to fill the gap that exists between theoretical treatments of chromatography, and clinical chemistry and toxicology texts, which focus almost exclusively on clinical relevance and applications. Chromatography has a vast array of clinical applications, and though the chromatographic methods were first introduced decades ago, new applications of this technology are being used to explore previously inaccessible frontiers in clinical diagnostics and toxicological testing. An up-to-date book devoted to clinical and toxicological applications of chromatographic methods will serve as an instructional and reference text, useful to students, laboratory technicians, and researchers.