

Bueno/smoke/Ayurvedic Healing A Comprehensive Guide

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Handbook of Herbs and Spices K. V. Peter 2012-08-13 Herbs and spices are among the most versatile ingredients in food processing, and alongside their sustained popularity as flavourants and colourants they are increasingly being used for their natural preservative and potential health-promoting properties. An authoritative new edition in two volumes, Handbook of herbs and spices provides a comprehensive guide to the properties, production and application of a wide variety of commercially-significant herbs and spices. Volume 1 begins with an introduction to herbs and spices, discussing their definition, trade and applications. Both the quality specifications for herbs and spices and the quality indices for spice essential oils are reviewed in detail, before the book goes on to look in depth at individual herbs and spices, ranging from basil to vanilla. Each chapter provides detailed coverage of a single herb or spice and begins by considering origins, chemical composition and classification. The cultivation, production and processing of the specific herb or spice is then discussed in detail, followed by analysis of the main uses, functional properties and toxicity. With its distinguished editor and international team of expert contributors, the two volumes of the new edition of Handbook of herbs and spices are an essential reference for manufacturers using herbs and spices in their products. They also provide valuable information for nutritionists and academic researchers. Provides a comprehensive guide to the properties, production and application of a wide variety of commercially-significant herbs and spices Begins with a discussion of the definition, trade and applications of herbs and spices Reviews the quality specifications for herbs and spices and examines the quality indices for spice essential oils

Histopathology of the Nail Eckart Haneke 2017-06-26 This comprehensive review of the histopathology of the human nail will act as a masterclass for all dermatologists, dermatopathologists, and nail-interested pathologists who have to interpret histological sections of nail tissue, which can be challenging for many reasons. In addition to a wealth of illustrated examples, the text guides the reader through the specialized terminology of nail science and supplies clinical data to help reach a reliable histopathological diagnosis.

Chronic Obstructive Pulmonary Disease Hiroyuki Nakamura 2016-10-31 This book considers chronic obstructive pulmonary disease (COPD) not as a simple inflammation of the lung but as a systemic inflammatory disease. Beginning with epidemiological studies, etiology, diagnosis and treatment, it elaborates further, illustrating some comorbidities and associations with other respiratory diseases. As such it provides numerous improved and more comprehensive treatment methods, including drug therapies as well as some non-drug therapies. There are also chapters describing the pathogenesis, genetic abnormalities and newly discovered pathogenetic mechanisms that are expected to be studied further in the future. Edited and written by pioneering researchers, each chapter summarizes the latest trends, describes future prospects and explores the unresolved and critical questions. Chronic Obstructive Pulmonary Disease - A Systemic Inflammatory Disease is a valuable resource to beginning researchers, physicians engaged in clinical practice, supervisors, and basic researchers whose work includes COPD.

Histamine and Histamine Receptors in Health and Disease Yuichi Hattori 2017-05-22 This book provides a comprehensive overview on current histamine and histamine receptor research in context of human health and disease and reflect the multidisciplinary nature of the field. While the editors realize that it is almost impossible to cover the field completely within the constraints of a single HEP volume, nonetheless, all important aspects will be covered in one way or the other. An overarching introductory chapter will link the individual chapters and provide an overview on the field. This chapter will also link the book to the previous HEP volume on histamine receptors and the recent HEP volume on the pharmacology of itch. Great attention will be paid to complementation of existing literature while avoiding undue duplication. The book will cover new methods for analysis of histamine and histamine metabolites, development of methods for histamine receptor analysis, signal transduction, histamine release, regulation of immune cells by histamine, histamine metabolism and associated diseases, regulation of major organ systems by histamine and development of new drugs and experimental tools for the study of histamine receptors.

Theoretical Foundations of Health Education and Health Promotion Manoj Sharma 2012 "Introduces students to common theories from behavioral and social sciences that are currently being used in health education and promotion. Each discussion of theory is accompanied by a practical skill-building activity in the context of planning and evaluation and a set of application questions that will assist the student in mastering the application of the theory."--

Minimalist Baker's Everyday Cooking Dana Shultz 2016-04-26 The highly anticipated cookbook from the immensely popular food blog Minimalist Baker, featuring 101 all-new simple, vegan recipes that all require 10 ingredients or less, 1 bowl or 1 pot, or 30 minutes or less to prepare Dana Shultz founded the Minimalist Baker blog in 2012 to share her passion for simple cooking and quickly gained a devoted worldwide following. Now, in this long-awaited debut cookbook, Dana shares 101 vibrant, simple recipes that are entirely plant-based, mostly gluten-free, and 100% delicious. Packed with gorgeous photography, this practical but inspiring cookbook includes: • Recipes that each require 10 ingredients or less, can be made in one bowl, or require 30 minutes or less to prepare. • Delicious options for hearty entrées, easy sides, nourishing breakfasts, and decadent desserts—all on the table in a snap • Essential plant-based pantry and equipment tips • Easy-to-follow, step-by-step recipes with standard and metric ingredient measurements Minimalist Baker's Everyday Cooking is a totally no-fuss approach to cooking for anyone who loves delicious food that happens to be healthy too.

Pediatric Oncology Nursing Pamela S. Hinds 2020-01-23 This book presents the current state of the nursing science in topics

relevant to the care of pediatric oncology patients and their families across the treatment trajectory and is framed within a precision health framework. The spectrum of topics covered is wide, including, for example, symptom management, self-care management, exercise and physical activity, family-centered care, palliative care, the role of the nurse in treatment decision making, patient and nurse resiliency, survivorship, and genetic counseling. Throughout, there is a focus on the implications of research for nursing practice, highlighting which elements of the available evidence are ready for translation into practice and which are not. In addition, careful attention is paid to the role that nursing can play in further advancing science through clinical research. The authors are leading experts from across the globe. The book will be of special interest for pediatric oncology nurses, including direct care nurses, research nurses, and nursing leaders, and will also be a stimulating source for researchers and non-oncology nurses.

Life Without Bread Christian Allen 2000 Based on more than 40 years of clinical research, this illuminating book unravels the mysteries of nutrition and shows how a low-carbohydrate/high protein diet can help prevent cancer, diabetes, heart disease, and obesity, as well as increase strength, endurance, and muscle mass.

Functional Food and Human Health Vibha Rani 2018-10-12 Global health and the increasing incidence of various diseases are a cause for concern, and doctors and scientists reason that the diet, food habits and lifestyle are contributing factors. Processed food has reduced the nutritional value of our diet, and although supplementing foods with various additives is considered an alternative, the long-term impact of this is not known. Many laboratories around the world are working to identify various nutritional components in our daily food and their effect on human health. These have been classified as Nutraceuticals or functional food, and they may have preventive and therapeutic effects in a number of pathologies associated with modern dietary habits and lifestyles. This book addresses various aspects of this issue, revitalizing the discussion and consolidating the latest research on nutritional and functional food and their effects in in-vitro, in-vivo and human clinical studies.

Geriatric Rheumatology Yuri Nakasato 2011-06-01 The first book dedicated explicitly to the care of elderly patients with rheumatic diseases, this comprehensive resource is a practical guide for navigating the medical concerns of these complex patients. While patients over 65 years of age comprise roughly 15% of the population, they consume about 50% of rheumatology resources. This book presents current clinical practices with an eye toward achieving economically sustainable models of care. The world's leading authorities have come together to cover the full spectrum of rheumatic diseases, the immune system in aging, and ultrasound evaluation and arthrocentesis. The book also addresses the milieu of co-morbidities that the clinician may encounter with an older patient, as well as the accompanying concerns about multiple pharmacologic therapies and drug interactions. Bringing in experts from a wide array of subspecialties, the editors present the essentials of multidisciplinary care, an approach which is the hallmark of geriatrics and which naturally translates into the field of gerontorheumatology. Designed for primary care physicians and rheumatology consultants, Geriatric Rheumatology is an invaluable guide to caring for this rapidly growing patient population.

How Tobacco Smoke Causes Disease 2010 This report considers the biological and behavioral mechanisms that may underlie the pathogenicity of tobacco smoke. Many Surgeon General's reports have considered research findings on mechanisms in assessing the biological plausibility of associations observed in epidemiologic studies. Mechanisms of disease are important because they may provide plausibility, which is one of the guideline criteria for assessing evidence on causation. This report specifically reviews the evidence on the potential mechanisms by which smoking causes diseases and considers whether a mechanism is likely to be operative in the production of human disease by tobacco smoke. This evidence is relevant to understanding how smoking causes disease, to identifying those who may be particularly susceptible, and to assessing the potential risks of tobacco products.

Florida Ethnobotany Daniel F. Austin 2004-11-29 Winner of the 2005 Klinger Book Award Presented by The Society for Economic Botany. Florida Ethnobotany provides a cross-cultural examination of how the states native plants have been used by its various peoples. This compilation includes common names of plants in their historical sequence, weaving together what was formerly esoteri
Fundamentals of Pharmacognosy and Phytotherapy E-Book Michael Heinrich 2017-11-24 Pharmacognosy (the science of biogenic or nature-derived pharmaceuticals and poisons) has been an established basic pharmaceutical science taught in institutions of pharmacy education for over two centuries. Over the past 20 years though it has become increasingly important given the explosion of new drugs, phytomedicines (plant medicines), nutraceuticals and dietary supplements – all of which need to be fully understood, tested and regulated. From a review of the previous edition: 'Drawing on their wealth of experience and knowledge in this field, the authors, who are without doubt among the finest minds in pharmacognosy today, provide useful and fascinating insights into the history, botany, chemistry, phytotherapy and importance of medicinal plants in some of today's healthcare systems. This is a landmark textbook, which carefully brings together relevant data from numerous sources and provides, in an authoritative and exhaustive manner, cutting-edge information that is relevant to pharmacists, pharmacognocists, complementary practitioners, doctors and nurses alike.' The Pharmaceutical Journal 'This is an excellent text book which provides fascinating insights into the world of pharmacognosy and the authors masterfully integrated elements of orthodox pharmacognosy and phytotherapy. Both the science student and the non-scientific person interested in phytotherapy will greatly benefit from reading this publication. It is comprehensive, easy to follow and after having read this book, one is so much more aware of the uniqueness of phytomedicines. A must read for any healthcare practitioner.' Covers the history, biology and chemistry of plant-based medicines Covers pharmaceutical and nutraceuticals derived from plants Covers the role of medicinal plants in worldwide healthcare systems Examines the therapeutics and evidence of plant-based medicines by body system Sections on regulatory information expanded New evidence updates throughout New material covering non-medical supplements Therapeutics updated throughout Now on StudentConsult

Principles of Diabetes Mellitus Leonid Poretsky 2013-11-11 Diabetes mellitus is a very common disease which affects approximately 150,000,000 worldwide. With its prevalence rising rapidly, diabetes continues to mystify and fascinate both practitioners and investigators by its elusive causes and multitude of This textbook is written for endocrinologists, specialists in other disciplines who treat diabetic patients, primary care physicians, housestaff and medical students. It covers, in a concise and clear manner, all aspects of the disease, from its pathogenesis on the molecular and cellular levels to its most modern therapy.

The Diabetic Foot Robert Hinchliffe 2014-09-08 Comprehensive, practical, evidenced-based management of the diabetic foot.

Oral Health and Herbal Medicine Khalid Rehman Hakeem 2018-12-17 Oral health loss is one of the major problems existing all over the world and is one of the top causes of death when unmanaged. The oral cavity is home to numerous pathogenic microorganisms, some of which are responsible for the progression and development of various systemic diseases such as cancer, diabetes and myocardial infarction. Worldwide, 60–90% of school children and nearly 100% of adults have dental cavities, often leading to pain and discomfort. There are implications for the global economy as well, due to the continuous burden of investing resources to maintain oral hygiene. Not surprisingly, developing countries are disproportionately affected. There is thus an urgent

need to develop economical solutions for the treatment of oral diseases. The trend of exploring plants or plant-derived compounds for the prevention and cure of death-causing diseases is on the rise. The use of traditional medicine for oral diseases is an ancient practice in which medicinal herbs play a major role. Medicinal plants have minimal side effects and no denigrating properties. Accordingly the use of medicinal plants to curtail oral pathogens has been reported by a number of studies. The present book updates the issues related to oral health, oral diseases and the role of medicinal plants in overcoming orally-derived health problems. We also highlight the knowledge gaps in oral health related problems with medicinal plants as one of the solutions. Our ultimate goal is to encourage future research and application of medicinal plants for economical and efficient treatment of oral diseases.

Williams Hematology, 10th Edition Kenneth Kaushansky 2021-01-14 The landmark text that has guided generations of hematologists and related practitioners?updated with the latest research findings and improved format and presentation Long revered for its comprehensiveness and extraordinary depth of detail, Williams Hematology provides essential coverage of the origins, pathophysiological mechanisms, and management of benign and malignant disorders of blood and marrow cells and coagulation proteins. The text contains a wealth of basic science and translational pathophysiology for optimal, lifelong learning. Experts in research and clinical hematology, the editors are known worldwide for their contributions to the field. This new edition contains everything that has made Williams Hematology the go-to resource for decades and has been updated with new chapters and critical new research into the molecular mechanisms responsible for hematological disorders and the impact on diagnosis and treatment. And the new format enables you to access each chapter via content modules covering key topics, with summaries, infographics, and cases?all linked to review questions for self-assessment. The full-color presentation integrates images of blood and tissue findings where they are cited in the text. NEW TO THIS EDITION: Updated and revised content reflecting the latest research and developments Convenient format that streamlines the learning process and improves retention Additional chapters added on: Immune Checkpoint Inhibitors Immune Cell Therapy: Chimeric Antigen Receptor T Cell Therapy Immune Cell Therapy Dendritic Cell and Natural Killer Cell Therapy The processes of cell death and survival Application of Big Data and Deep Learning in Hematology Williams Hematology Cases with multiple-choice questions including detailed explanations—perfect preparation for the boards Continuously updated online content with comprehensive drug therapy database and other resources

Ayurvedic Science of Food and Nutrition Sanjeev Rastogi 2014-01-16 Ayurveda is widely considered to be one of the oldest health care traditions still in practice today. Originating in India over 3,000 years ago, it is now increasingly recognized and practiced globally including in many European countries and the United States. Food and nutrition play a crucial role in the health care wisdom of Ayurveda. The Ayurvedic Science of Food and Nutrition discusses the various principles of healthy eating as prescribed by Ayurveda. Divided into three sections, it addresses the fundamentals, the clinical applications, and the future challenges of Ayurveda. Specifically, the book discusses issues such as the concept of diet, the use of food as medicine, especially to treat diabetes and cancer, convalescent food practices, and fasting therapy. The Ayurvedic Science of Food and Nutrition is unique in that it is one of the only books to investigate the scientific rationale behind Ayurveda, enabling this health care tradition to potentially be incorporated into a Western clinical practice model when this latter conventional therapy is found to be ineffective.

Health Systems in Transition Thomas Rice 2021-10-20 The book provides a thorough review of the U.S. health care system, including its organization and financing, care delivery, recent reforms, and an evaluation of the system's performance.

Rome III Douglas A. Drossman 2006-01-01

Braun - Herbs and Natural Supplements, 2-Volume Set Lesley Braun 2015-01-28 Herbs and Natural Supplements, 4th Edition: An evidence-based guide is an authoritative, evidence-based reference. This two volume resource is essential to the safe and effective use of herbal, nutritional and food supplements. Volume 1: The first volume provides a foundation of knowledge in the clinical practice of complementary medicine. It emphasises safe practice with strategies to prevent adverse drug reactions, guidelines in assessing benefit, risk and harm and the evaluation of research. Volume 2: The second volume provides current, evidence-based monographs on the 132 most popular herbs, nutrients and food supplements. Comprehensive review of herbal medicine, clinical nutrition, aromatherapy, and food as medicine Patient safety and wellness Considerations in preoperative care and pregnancy Use in the treatment of cancer Herb/nutrient - drug interactions. Provides up-to-date evidence on the latest research impacting on herbal and natural medicine by top leaders within the fields of Pharmacy, Herbal Medicine and Natural Medicine.

Nutritional Antioxidant Therapies: Treatments and Perspectives Kaïs Hussain Al-Gubory 2018-03-10 This book offers a collection of expert reviews on the use of plant-based antioxidant therapies in disease prevention and treatment. Topics discussed include the uses of plant and nutritional antioxidants in the contexts of reproductive health and prenatal development, healthcare and aging, noncommunicable chronic diseases, and environmental pollution. The text is complemented by a wealth of color figures and summary tables.

The Rough Guide to Ecuador Harry Ades 2010-01-04 The Rough Guide to Ecuador is the essential travel guide with clear maps and coverage of Ecuador's unforgettable attractions. Whether exploring the magnificence of Quito's colonial centre, haggling in its highland markets of Zumbahua or navigating the rivers of the Amazon rainforest, the Rough Guide steers you to the best hotels, restaurants, stylish bars, cafés, nightlife and shopping in Ecuador across every price range. You'll find detailed coverage on staying safe in Ecuador, practical advice on where to learn Spanish and how to climb Cotopaxi, as well as expert discussions for Ecuador's history, culture and environmental issues. The Rough Guide to Ecuador also includes an in-depth account of the Galápagos Islands that inspired Darwin, plus a wildlife guide. With handy information on how to discover Ecuador's best-preserved Inca ruins at Ingapirca or the windswept grassland wilderness of the páramo, the guide provides definitive information on all corners of this colourful and diverse country, relying on the clearest maps of any guide and practical language tips. Make the most of your holiday with The Rough Guide to Ecuador.

The Essential Oil Hormone Solution Dr. Mariza Snyder 2019-02-12 If you're feeling energy-depleted and irritable, unable to sleep, stay focused, or lose weight, you may have attributed these symptoms hormonal fluctuations or aging. Snyder helps you identify stressors that wreak havoc on your hormonal health, such as air pollution, chemical-laden foods and cleaning supplies, synthetic estrogens in personal care products. She shows how to heal hormonal chaos and revitalize the body from the inside out with the support of high-quality essential oils. Discover how to reset your body-- without taking synthetic hormones. --

American Medicinal Plants Charles Frederick Millsbaugh 1887

Obesity Epidemiology Frank Hu 2008-03-21 During the past twenty years there has been a dramatic increase in obesity in the United States. An estimated thirty percent of adults in the US are obese; in 1980, only fifteen percent were. The issue is gaining greater attention with the CDC and with the public health world in general. This book will offer practical information about the

methodology of epidemiologic studies of obesity, suitable for graduate students and researchers in epidemiology, and public health practitioners with an interest in the issue. The book will be structured in four main sections, with the majority of chapters authored by Dr. Hu, and some authored by specialists in specific areas. The first section will consider issues surrounding the definition of obesity, measurement techniques, and the designs of epidemiologic studies. The second section will address the consequences of obesity, looking at epidemiologic studies that focus on cardio-vascular disease, diabetes, and cancer. The third section will look at determinants of obesity, reviewing a wide range of risk factors for obesity including diet, physical activity and sedentary behaviors, sleep disorders, psychosocial factors, physical environment, biochemical and genetic predictors, and intrauterine exposures. In the final section, the author will discuss the analytical issues and challenges for epidemiologic studies of obesity.

Nanostructures and Nanomaterials Guozhong Cao 2011 This text focuses on the synthesis, properties and applications of nanostructures and nanomaterials, particularly inorganic nanomaterials. It provides coverage of the fundamentals and processing techniques with regard to synthesis, properties, characterization and applications of nanostructures and nanomaterials.

Sleep Medicine Sudhansu Chokroverty 2015-09-22 This comprehensive volume provides a balanced and easily readable account of the rise of modern sleep medicine, its history and developmental milestones. Authored by an international group of experts, the remarkable progress and fascinating evolution from rudimentary concepts of the ancient prehistoric and early classical periods to our contemporary knowledge are covered in detail. These examples and their relationship to modern therapies offer neurologists, psychiatrists, respiratory specialists, clinicians, researchers and those interested in sleep medicine an important perspective to the origins of current practice.

Prevention and Treatment of Cardiovascular Disease Michael J. Wilkinson 2021-08-13 This book discusses all aspects of non-pharmacologic approaches to primary and secondary CVD prevention. It highlights the strength of evidence for particular diet styles in CVD prevention, including plant-based diets, the Mediterranean diet, the DASH diet, and low-carbohydrate diets. Chapters present evidence and future directions for diet and nutrition in diseases related to CVD, such as dyslipidemia, cardiometabolic disease (pre-diabetes, the metabolic syndrome, type-2 diabetes mellitus), and obesity. Finally, the book reviews novel and emerging aspects of dietary intervention in CVD prevention, such as dietary approaches to inflammation and the role of the microbiome in CVD. Up-to-date, evidence-based, and clinically oriented, **Prevention and Treatment of Cardiovascular Disease: Nutritional and Dietary Approaches** is an essential resource for physicians, residents, fellows, and medical students in cardiology, clinical nutrition, family medicine, endocrinology, and lipidology.

Ethnopharmacology of Wild Plants Mahendra Rai 2020-10 Wild plants signify a vital health and economic constituent of biodiversity. In recent years, research interest on wild plants has increased. This book contains valuable information on wild plants and their ethnopharmacological properties. It deliberates on traditional usage and ethnopharmacological properties of wild plants. It will be useful to policy makers, researchers working in the areas of biodiversity, ethnopharmacology, ethno-biology, conservation biology and biodiversity prospecting.

Ayurveda Frank John Ninivaggi 2010 Describes the theories, principles, and practices of Ayurveda, a system of medicine from India that emphasizes physical, psychological, and spiritual well-being, exploring such topics as digestion, disease, nutrition, yoga, and consciousness.

Complementary & Alternative Medicine for Prostate and Urologic Health Mark A. Moyad 2013-10-01 **Complementary & Alternative Medicine (CAM) for Prostate/Urologic Health** is designed to capture and clinically review the comprehensive database of clinical research articles that support and do not support the utilization of a variety of dietary supplements and other complementary medicines that physicians are exposed to in their daily practice. This is a critical distinction between this book and any other CAM **Complementary & Alternative Medicine for Prostate and Urologic Health** is designed to capture and clinically review the comprehensive database of clinical research articles that support and do not support the utilization of a variety of dietary supplements and other complementary medicines that physicians are exposed to in their daily practice. This is a critical distinction between this book and any other **Complementary & Alternative Medicine (CAM)** books published to date. Each section of the book provides an easy to reference guide into the topic of interest for the individual that works in urology. The various sub-specialty groups in urology are adequately represented, which allows for a physician to rapidly and thoroughly investigate their topic of interest regardless of whether it is fertility, bladder cancer, or prostate disease. Rather than having to sort through the now thousands of articles published yearly on CAM in medicine, this volume focuses first on the specialty and secondarily how it compares to the overall CAM literature. Each chapter includes a summary page that will allow the physician a rapid review of the subject with a patient, colleague or student. The practical nature of this book in urology also cannot be overstated. Chapters include a general overview of the CAM agent, whether or not it has data in medicine and urology, and a list of potential drug interactions and specific clinical scenarios where it can be utilized or discouraged in the specialty. **Complementary & Alternative Medicine for Prostate and Urologic Health** represents a gold standard text for use in teaching, not only for the students interested in the urologic field but for all current urologic health providers.

Flammer Syndrome Olga Golubnitschaja 2019-07-23 Unmet healthcare needs of young populations and individuals in suboptimal health conditions are the key issue of currently observed epidemics of non-communicable disorders. Moreover, an unprecedented decrease in the average age of onset of these disorders is recorded. The majority of non-communicable disorders carry a chronic character by progressing over a couple of years from a reversible suboptimal health condition to irreversible pathology with collateral complications. The time-frame between both conditions is the operational area for predictive diagnosis and identification of persons at risk by innovative screening programmes followed by the most cost-effective personalised treatment possible, namely primary prevention tailored to the person. The book propagates the paradigm change from delayed, costly but frequently ineffective medical services to the holistic approach by predictive, preventive and personalised medicine clearly demonstrating multifaceted benefits to the individual, healthcare sector and society as a whole. The book is focused on the needs of young people: teenagers, adolescents and young adults; regardless of the age, individuals in suboptimal health conditions, who are interested in remaining healthy by optimising their modifiable risk factors – both endogenous and exogenous ones; several patient cohorts demonstrating similar phenotype of Flammer syndrome. The book is based on the multi-professional expertise, scientific excellence and practical experiences of the world-acknowledged experts in Flammer syndrome, predictive diagnostics, targeted prevention and personalised medicine, amongst others. The topic of this book is particularly relevant to general practitioners, experts in non-communicable diseases, phenotyping, genotyping, multilevel diagnostics, targeted prevention, personalised medicine, as well as the readers interested in advancing their health literacy.

Religion, Ritual and Ritualistic Objects Albertina (Tineke) Nugteren 2019-04-23 This is a volume about the life and power of ritual

objects in their religious ritual settings. In this Special Issue, we see a wide range of contributions on material culture and ritual practices across religions. By focusing on the dynamic interrelations between objects, ritual, and belief, it explores how religion happens through symbolic materiality. The ritual objects presented in this volume include: masks worn in the Dogon dance; antique ecclesiastical silver objects carried around in festive processions and shown in shrines in the southern Andes; funerary photographs and films functioning as mnemonic objects for grieving children; a dented rock surface perceived to be the god's footprint in the archaic place of pilgrimage, Gaya (India); a recovered manual of rituals (from Xiapu county) for Mani, the founder of Manichaeism, juxtaposed to a Manichaean painting from southern China; sacred stories and related sacred stones in the Alor–Pantar archipelago, Indonesia; lotus symbolism, indicating immortalizing plants in the mythic traditions of Egypt, the Levant, and Mesopotamia; lavishly illustrated variations of portrayals of Ravana, a Sinhalese god-king-demon; figurines made of cow dung sculptured by rural women in Rajasthan (India); and mythical artifacts called 'Apples of Eden' in a well-known interactive game series.

Recent Trends in Biotechnology and Therapeutic Applications of Medicinal Plants Mohd. Shahid 2013-05-13 The book provides an overview of current trends in biotechnology and medicinal plant sciences. The work includes detailed chapters on various advanced biotechnological tools involved in production of phytoactive compounds of medicinal significance. Some recent and novel research studies on therapeutic applications of different medicinal plants from various geographical regions of the world have also been included. These studies report the antimicrobial activity of various natural plant products against various pathogenic microbial strains. Informative chapters on recent emerging applications of plant products such as source for nutraceuticals and vaccines have been integrated to cover latest advances in the field. This book also explores the conservation aspect of medicinal plants. Thus, chapters having comprehensively complied in vitro conservation protocols for various commercially important rare, threatened and endangered medicinal plants were provided in the present book.

Non-Timber Forest Products Azamal Husen 2021-07-30 Forests cover thirty-one percent of the world's land surface, provide habitats for animals, livelihoods for humans, and generate household income in rural areas of developing countries. They also supply other essential amenities, for instance, they filter water, control water runoff, protect soil erosion, regulate climate, store nutrients, and facilitate countless non-timber forest products (NTFPs). The main NTFPs comprise herbs, grasses, climbers, shrubs, and trees used for food, fodder, fuel, beverages, medicine, animals, birds and fish for food, fur, and feathers, as well as their products, like honey, lac, silk, and paper. At present, these products play an important role in the daily life and well-being of millions of people worldwide. Hence the forest and its products are very valuable and often NTFPs are considered as the 'potential pillars of sustainable forestry'. NTFPs items like food, herbal drugs, forage, fuel-wood, fountain, fibre, bamboo, rattans, leaves, barks, resins, and gums have been continuously used and exploited by humans. Wild edible foods are rich in terms of vitamins, protein, fat, sugars, and minerals. Additionally, some NTFPs are used as important raw materials for pharmaceutical industries. Numerous industry-based NTFPs are now being exported in considerable quantities by developing countries. Accordingly, this sector facilitates employment opportunities in remote rural areas. So, these developments also highlight the role of NTFPs in poverty alleviation in different regions of the world. This book provides a wide spectrum of information on NTFPs, including important references. We hope that the compendium of chapters in this book will be very useful as a reference book for graduate and postgraduate students and researchers in various disciplines of forestry, botany, medical botany, economic botany, ecology, agroforestry, and biology. Additionally, this book should be useful for scientists, experts, and consultants associated with the forestry sector.

The Geoheritage of Hot Springs Patricia Erfurt 2021-04-24 The aim of this book is to provide an overview of topics related to the extensive geoheritage of hot springs, their natural environments, and their integration into commercial and industrial functions. The eleven chapters explore aspects of historical and cultural traditions, geology and geochemistry, research updates, conservation issues and of course health, wellness, and recreation throughout time. Because natural hot springs and active hydrothermal areas play a significant role in the tourism industry, visitor expectations are examined together with an assessment of common hazards and potential risks in active hydrothermal environments, along with recommendations how to stay safe. For the purpose of showcasing certain unique features, to share noteworthy events and developments or to identify concerns associated with the sustainability of natural water source, examples of particular hot spring areas are included in several chapters. One chapter is also dedicated entirely to the protection of natural hot springs and raises awareness for conservation, while another chapter reviews the history of hot springs in great detail to establish a realistic and justifiable timeline of their original use. Lastly, the significance of natural hot springs for various tourism sectors is analysed and the potential for sustainable future destination development in rural and remote regions is discussed. Many locations were considered and invite the reader to use the information as a reference point in the quest to further explore the remarkable natural and cultural geoheritage of hot springs worldwide.

Airway Remodeling Peter H. Howarth 2001-01-16 This landmark volume discusses the characteristics and impact of the remodeling process on airway function and clinical disease expression within the airway in asthma, covering pharmacological therapies and possible future targets relevant to regulating the remodeling process. Emphasizes the importance of treating underlying airway inflammation and the relevance of structural alterations to the airway wall, including glandular increases, enhanced collagen deposition within the submucosa, increased vasculature, smooth hypertrophy, and hyperplasias! Tracing the development and maintenance of bronchial hyperresponsiveness, decline in lung function, and loss of reversibility evident in chronic asthma, Airway Remodeling describes the contribution of inflammatory cells in the development of airway structural changes examines how pharmaceutical agents act and whether existing treatments modify or prevent remodeling in chronically inflamed asthmatic airways considers whether neural pathways initiate as well as contribute to the airway inflammatory cascade that leads to remodeling reviews the action of cytokines and growth factors on ASM signaling outlines novel approaches to regulating smooth muscle growth clarifies whether permanent ventilatory incapacity in asthma is caused by the uncoupling of the airway and the role of the lung parenchyma details high-resolution computerized tomography scan to measure the internal size of the airway at baseline, during challenge, or after bronchodilatation and more! Improving lung function and quality of life by reducing the need for emergency care, hospital admissions, and systemic steroid administration, Airway Remodeling is a superb reference for pulmonologists and respiratory system specialists; physiologists; pneumologists; allergists; pharmacologists; molecular, cellular, and lung biologists; and graduate and medical school students in these disciplines.

Herbs and Natural Supplements, Volume 2 Lesley Braun 2015-03-30 Herbs and Natural Supplements, 4th Edition: An evidence-based guide is an authoritative, evidence-based reference. This two-volume resource is essential to the safe and effective use of herbal, nutritional and food supplements. The second volume provides current, evidence-based monographs on the 132 most popular herbs, nutrients and food supplements. Organised alphabetically, each monograph includes daily intake, main actions and indications, adverse reactions, contraindications and precautions, safety in pregnancy and more. Recommended by the Pharmacy

Board of Australia as an evidence-based reference works (print) that pharmacists are meant to have access to when dispensing
Contributed content from naturopaths, GPs, pharmacists, and herbalists Useful in a clinical setting as well as a reference book. It provides up-to-date evidence on the latest research impacting on herbal and natural medicine by top leaders in Australia within the fields of Pharmacy, Herbal Medicine and Natural Medicine

Fruit Oils: Chemistry and Functionality Mohamed Fawzy Ramadan 2019-05-08 Fruit Oils: Chemistry and Functionality presents a comprehensive overview of recent advances in the chemistry and functionality of lipid bioactive phytochemicals found in fruit oils. The chapters in this text examine the composition, physicochemical characteristics and organoleptic attributes of each of the major fruit oils. The nutritional quality, oxidative stability, and potential food and non-food applications of these oils are also extensively covered. The potential health benefits of the bioactive lipids found in these fruit oils are also a focus of this text. For each oil presented, the levels of omega-9, omega-6 and omega-3 fatty acids are specified, indicating the level of health-promoting traits exhibited in each. The oils and fats extracted from fruits generally differ from one another both in terms of their major and minor bioactive constituents. The methods used to extract oils and fats as well as the processing techniques such as refining, bleaching and deodorization affect their major and minor constituents. In addition, different post-processing treatments of fruit oils and fats may alter or degrade important bioactive constituents. Treatments such as heating, frying, cooking and storage and major constituents such as sterols and tocopherols are extensively covered in this text. Although there have been reference works published on the composition and biological properties of lipids from oilseeds, there is currently no book focused on the composition and functionality of fruit oils. Fruit Oils: Chemistry and Functionality aims to fill this gap for researchers, presenting a detailed overview of the chemical makeup and functionality of all the important fruit oils.