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Encyclopedia of Dietary Supplements - Paul M. Coates 2010-06-25
Encyclopedia of Dietary Supplements presents peer-reviewed, objective entries that rigorously examine the most significant scientific research on basic chemical, preclinical, and clinical data. Designed for healthcare professionals, researchers, and health-conscious consumers, it presents evidence-based information on the major vitamin and mineral micronutrients, herbs, botanicals, phytochemicals, and other bioactive preparations. Supplements covered include: Vitamins, beta-carotene, niacin, and folate Omega-3 and omega-6 fatty acids, isoflavones, and quercetin Calcium, copper, iron, and phosphorus 5-hydroxytryptophan, glutamine, and L-arginine St. John's Wort, ginkgo biloba, green tea, kava, and noni Androstenedione, DHEA, and melatonin Coenzyme Q10 and S-adenosylmethionine Shiitake, maitake, reishi, and cordiceps With nearly 100 entries contributed by renowned subject-specific experts, the book serves as a scientific checkpoint for the many OTC supplements carried in today's nutritional products marketplace. Also Available Online This Taylor & Francis encyclopedia is also available through online subscription, offering a variety of extra benefits for researchers, students, and librarians, including: Citation tracking and alerts Active reference linking Saved searches and marked lists HTML and PDF format options Contact Taylor and Francis for more information or to inquire about subscription options and print/online combination packages. US: (Tel) 1.888.318.2367; (E-mail) e-reference@taylorandfrancis.com International: (Tel) +44 (0) 20 7017 6062; (E-mail) online.sales@tandf.co.uk
The International Pharmacopoeia - World Health Organization 2006
The International Pharmacopoeia contains a collection of recommended methods for analysis and quality specifications for pharmaceutical substances, excipients and products. This new edition consolidates the texts of the five separate volumes of the third edition and includes new monographs for antiretroviral substances (didanosine, indinavir sulfate, nelfinavir mesilate, nevirapine, ritonavir, saquinovir, and saquinovir mesilate) adopted by the WHO Expert Committee on Specifications for Pharmaceutical Preparations in October 2004. It includes some additions and amendments to the general notices of the Pharmacopoeia, as well as some changes to its layout and format. Volume one contains monographs for pharmaceutical substances A to O and the General Notices; and volume two contains monographs for pharmaceutical substances P to Z, together with those for dosage forms and radiopharmaceutical preparations, the methods of analysis and reagents.
10 Years of Ethnopharmacology - Michael Heinrich 2020-07-08
The contributions selected for this ebook span the entire ten-year period and we have selected examples which have had a particular impact on the debates in the field. Broadly speaking, they fall into four main areas: - Overarching reviews within ethnopharmacology - Reviews of specific species or other taxa regarding their pharmacology; phytochemistry and local / traditional use - Assessments of the pharmacological evidence for specific active compounds or classes of compounds - Assessments of the safety and potential risks of herbal substances. With these themes, this eBook contributes to the debate about the evidence- base of such practices incorporating both the scientific evidence available and the local / traditional concepts associated with their use.
Pharmacopoeia of the People's Republic of China - Chinese Pharmacopoeia Commission 2011-08-01
Chinese Pharmacopoeia 2010 is an official and authoritative compendium of drugs. It covers most traditional Chinese medicines, most western medicines and preparations, giving information on the standards of purity, description, test, dosage, precaution, storage, and the strength for each drug. It is published in three volumes, and contains up to 4567 monographs with 1386 new admissions. In Volume I, it contains monographs of Chinese crude drugs and the prepared slices. Vegetable oil/fat and its extract, the patented Chinese traditional medicines, single ingredient of Chinese crude drug preparations etc. it has 2165 monographs with 1019 new admissions (439 articles of the prepared slice) and 634 revised; Volume II deals with monographs of chemical drugs, antibiotics, biochemical preparations, radiopharmaceuticals and excipients for pharmaceutical use, contains 2271 monographs with 330 new admissions and 1500 revised; Volume III contains biological products, has 131 monographs with 37 new admissions and 94 revised
Handbook of Bioequivalence Testing, Second Edition - Sarfaraz K. Niazi 2014-10-29
As the generic pharmaceutical industry continues to grow and thrive, so does the need to conduct adequate, efficient bioequivalence studies. In recent years, there have been significant changes to the statistical models for evaluating bioequivalence. In addition, advances in the analytical technology used to detect drug and metabolite levels have made bioequivalence testing more complex. The second edition of Handbook of Bioequivalence Testing has been completely updated to include the most current information available, including new findings in drug delivery and dosage form design and revised worldwide regulatory requirements. New topics include: A historical perspective on generic pharmaceuticals New guidelines governing submissions related to bioequivalency studies, along with therapeutic code classifications Models of noninferiority Biosimilarity of large molecule drugs Bioequivalence of complementary and alternate medicines Bioequivalence of biosimilar therapeutic proteins and monoclonal antibodies New FDA guidelines for bioanalytical method validation Outsourcing and monitoring of bioequivalence studies The cost of generic drugs is rising much faster than in the past, partly because of the increased costs required for approval—including those for bioequivalence testing. There is a dire need to re-examine the science behind this type of testing to reduce the burden of development costs—allowing companies to develop generic drugs faster and at a lower expense. The final chapter explores the future of bioequivalence testing and proposes radical changes in the process of biowaivers. It suggests how the cost of demonstrating bioequivalence can be reduced through intensive analytical investigation and proposes that regulatory agencies reduce the need for bioequivalence studies in humans. Backed by science and updated with the latest research, this book is destined to spark continued debate on the efficacy of the current bioequivalence testing paradigm.
Chromatographic Fingerprint Analysis of Herbal Medicines Volume V - Hildebert Wagner 2018-02-09
Volume V of this manual provides an overview of the analytical investigation of numerous additional Chinese herbal drugs that are commonly used in Traditional Chinese Medicine (TCM). It illustrates the detailed chromatographic analysis of the main compounds with colored TLC photographs and HPLC peak profiles, and also discusses the bioactive properties, pharmacological and biological activity as well as the therapeutic applications of all single herbal drugs. Together with Volumes I-IV this volume represents the most comprehensive overview of analytical studies of these drugs listed in the Chinese Pharmacopoeia 2010. All the experimental requirements, including the extraction procedure for the Chinese drugs and the solvent systems used for the development of the TLC and HPLC analytical monographs, were adapted

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according to the latest findings published in international journals and the high standards of the European Drug Regulatory Authority. Therefore Volume V is also a must-have manual for researchers and pharmaceutical laboratories dedicated to TCM.

GB/T 38880-2020 English Translation of Chinese Standard - https://www.codeofchina.com

his standard specifies the terms and definitions, classification and specification, technical requirements, test methods, inspection rules, packaging, marking, safety warning, and transportation and storage of children mask (hereinafter referred to as mask). This standard is applicable to the marks worn by children aged 6~14 years, for filtering particulate matters in the air and blocking microorganisms, pollen, droplet, etc. This standard is not applicable to masks with electric air supply (exhaust) devices.

YY/T 0043-2016: Translated English of Chinese Standard. (YYT 0043-2016, YY/T0043-2016, YYT0043-2016) - https://www.chinesestandard.net 2021-03-20

[After payment, write to & get a FREE-of-charge, unprotected true-PDF from: Sales@ChineseStandard.net] This standard specifies the product classification, labeling and materials, requirements, test methods, inspection rules, packaging, markings and instructions for use and storage of medical suture needles. This standard applies to medical suture needles used to suture internal organs, soft tissues, skin, etc.

Advanced Technologies for the Quality Control and Standardization of Plant Based Medicines - Jiang Xu 2020-06-18

Herbs and herbal products are of paramount importance for human health. To beable to guarantee safety and quality, standards and testing methods are needed.Pharmacopoeias contain quality control protocols setting the standards which arethen required by governments. The quality traits are many, including the intrinsicvariables of medicinal plant, e.g. the levels of the active compounds, and the absenceof possibly natural occurring toxic compounds. On the other hand, many qualitytraits are related to agricultural conditions and practices, or to the harvesting andpost-harvest processing. With so many variables, quality control of the end productbecomes extremely complex, time consuming and costly. To ensure the quality ofmedicinal plants for human consumption quality management -the use of “goodpractices” at each step, from seed to final product- becomes a crucial aspect. In general, quality control includes the inspection of the product’s identity, purity,and content, based on its physical, chemical or biological properties. To ensure thequality of herbal medications, criteria such as botanical quality, type of preparation,physical constants, adulteration, contaminants, chemical constituents, pesticidesresidues et al. should be examined. Meanwhile, authentication of herbs is neededto avoid possible adulteration or contaminating plants, even toxic herbs such asAristolochia species. Many of the methods are long standing, such as microscopy incombination with color reactions, but some 50 years ago chromatography developedas a major tool for both qualitative and quantitative analysis of herbal preparations.Nowadays, research is working on the improvement of these methods and on thedevelopment of novel tools. For instance, next generation sequencing and mass spectrometry imaging, areemerging as new technologies for the quality control of herbal medicines. Withthese technologies, quick testing of herbal products and of mixed herbal powderpreparations, including the testing for specific plant parts (botanical drugs), can beachieved. Also, novel chemical tools such as metabolomics and Near Infrared Red(NIR) spectroscopy are being developed as powerful tools to identify and to linkthese with activity by using chemometric tools such as multivariate analysis. Finally,progress of informatic tools such as machine learning helps to deal with the big datagenerated by sequencing or mass spectrometry. However, these new technologies,like all other new born technologies, should be tested and perfected for a broaderrange of products.

YY/T 1416.2-2016: Translated English of Chinese Standard. (YYT 1416.2-2016, YY/T1416.2-2016, YYT1416.2-2016) - https://www.chinesestandard.net 2018-04-23

[After payment, write to & get a FREE-of-charge, unprotected true-PDF from: Sales@ChineseStandard.net] This Part of YY/T 1416 specifies the method for determining the amount of additive "sodium citrate" in single-use containers for human venous blood specimen collection. This Part applies to the determination of the sodium citrate in the form of non-buffered dihydrate in single-use containers for human venous blood specimen collection and the determination of the sodium citrate in buffered sodium-citrate additive.

GB/T 16292-2010: Translated English of Chinese Standard. (GBT 16292-2010, GB/T16292-2010, GBT16292-2010) - https://www.chinesestandard.net 2019-02-02

[After payment, write to & get a FREE-of-charge, unprotected true-PDF from: Sales@ChineseStandard.net] This Standard specifies the test method for airborne particle contamination. This Standard is applicable to the verification of airborne particle testing and environment in cleanroom and clean areas in the pharmaceutical industry, sterile rooms or local air purification areas (including clean bench). This Standard cannot be used to characterize physical, chemical, or reflective, or reproducible properties of airborne particles.

British Pharmacopoeia 2021 [print Edition] - British Pharmacopoeia Commission 2020-07-30

Updated annually, the British Pharmacopoeia (BP) is the only comprehensive collection of authoritative official standards for UK pharmaceutical substances and medicinal products. It includes approximately 4,000 monographs which are legally enforced by the Human Medicines Regulations 2012. Where a BP monograph exists, medicinal products or active pharmaceutical ingredients sold or supplied in the UK must comply with the relevant monograph.All monographs and requirements of the European Pharmacopoeia (Ph. Eur.) are reproduced in the BP, making the BP a convenient and fully comprehensive set of standards that can be used across Europe and beyond.

YY/T 0079-2016: Translated English of Chinese Standard. (YYT 0079-2016, YY/T0079-2016, YYT0079-2016) - https://www.chinesestandard.net 2018-05-05

[After payment, write to & get a FREE-of-charge, unprotected true-PDF from: Sales@ChineseStandard.net] This standard specifies many requirements related to metallic clip, such as type and basic dimension, requirements, test methods, inspection rules, marking, operating instructions, packaging, transport and storage requirements. This standard applies to silver clip that clamps the capillaries of brain and titanium clip that clamps the abdominal tubular tissue. The following is referred to as (metallic clip).

Pharmacognosy - Simone Badal McCreath 2017-03-01

Pharmacognosy: Fundamentals, Applications and Strategies explores a basic understanding of the anatomy and physiology of plants and animals, their constituents and metabolites. This book also provides an in-depth look at natural sources from which medicines are derived, their pharmacological and chemical properties, safety aspects, and how they interact with humans. The book is vital for future research planning, helping readers understand the makeup, function, and metabolites of plants in a way where the history of their usage can be linked to current drug development research, including in vitro, in vivo, and clinical research data. By focusing on basic principles, current research, and global trends, this book provides a critical resource for students and researchers in the areas of pharmacognosy, pharmacy, botany, medicine, biotechnology, biochemistry, and chemistry. Covers the differences between animal and plant cells to facilitate an easier transition to how the body interacts with these entities Contains practice questions and laboratory exercises at the end of every chapter to test learning and retention Provides a single source that covers fundamental topics and future strategies, with the goal of enabling further research that will contribute to the overall health and well-being of mankind

Chemometrics in Chromatography - Łukasz Komsta 2018-02-02

Chemometrics uses advanced mathematical and statistical algorithms to provide maximum chemical information by analyzing chemical data, and obtain knowledge of chemical systems. Chemometrics significantly extends the possibilities of chromatography and with the technological advances of the personal computer and continuous development of open-source software, many laboratories are interested in incorporating chemometrics into their chromatographic methods. This book is an up-to-date reference that presents the most important information about each area of chemometrics used in chromatography, demonstrating its effective use when applied to a chromatographic separation.

Who Expert Committee on Biological Standardization - WHO Expert Committee on Biological Standardization. Meeting 2013

"The WHO Expert Committee on Biological Standardization (ECBS) met in Geneva from 17 to 21 October 2011"--Introduction.

YY 0053-2016: Translated English of Chinese Standard. YY0053-2016 - https://www.chinesestandard.net 2018-09-23

[After payment, write to & get a FREE-of-charge, unprotected true-PDF from: Sales@ChineseStandard.net] This Standard specifies the technical requirements for haemodialysers, haemodiafilters, haemofilters and

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haemoconcenrators used for human body; the instruments involved in this document indicate the above-mentioned products.

GB/T 36030-2018: Translated English of Chinese Standard. (GBT 36030-2018, GB/T36030-2018, GBT36030-2018) - https://www.chinesestandard.net 2019-02-02

[After payment, write to & get a FREE-of-charge, unprotected true-PDF from: Sales@ChineseStandard.net] This Standard specifies the general technical requirements for pharmaceutical machinery implementing cleaning in place and sterilization in place in the Good Manufacturing Practice (2010 Revision). This Standard is applicable to the pharmaceutical machinery implementing cleaning in place and sterilization in place during the pharmaceutical production process.

YY 1293.5-2017: Translated English of Chinese Standard. YY1293.5-2017 - https://www.chinesestandard.net 2018-06-24

[After payment, write to & get a FREE-of-charge, unprotected true-PDF from: Sales@ChineseStandard.net] This Part of YY 1293 specifies the performance requirements and test methods for alginate dressing. This Part is applicable to aseptically supplied alginate dressing that consists only of alginate fibres. This Part does not include requirements for alginate dressing containing silver and other bacteriostatic agents.

Nutritional Modulators of Pain in the Aging Population - Ronald Ross Watson 2017-01-25

Nutritional Modulators of Pain in the Aging Population provides an overview on the role of foods, dietary supplements, obesity, and nutrients in the prevention and amelioration of pain in various diseases in the aging population. Headaches, fibromyalgia, joint pain, arthritis pain, back pain, and stomach pain are discussed. In addition, the potential health risks of using foods to reduce symptoms is evaluated. Each chapter reviews pain causing conditions before reviewing the role of food or exercise. Both researchers and physicians will learn about dietary approaches that may benefit or harm people with various types of pain. Chapters include current research on the actions of nutrients in pain treatment, the effects of lifestyle and exercise on pain management, and discussions of dietary supplements that provide pain relief from chronic conditions like arthritis. Presents a comprehensive overview that details the role of nutrition in pain management for the aging population Written for researchers and clinicians in neurology, pain, and food and nutrition Reviews the pain symptoms and role of food and/or exercise associated with each disease

YY 0876-2013: Translated English of Chinese Standard (YY 0876-2013, YY0876-2013) - https://www.chinesestandard.net 2022-12-06

This document specifies structural types and materials, requirements, test methods, marks, instructions for use and packaging, transportation and storage for linear cutter stapler and cartridge. This Standard applies to linear cutter stapler and cartridge (hereinafter referred to as the stapler). The stapler is suitable for gastrointestinal reconstruction, anastomosis, amputation and resection of tissues and organs in organ resection. This Standard does not apply to the stapler for endoscopic use.

GB/T 38880-2020: Translated English of Chinese Standard. (GBT 38880-2020, GB/T38880-2020, GBT38880-2020) - https://www.chinesestandard.net 2020-07-13

[After payment, write to & get a FREE-of-charge, unprotected true-PDF from: Sales@ChineseStandard.net] This Standard specifies the terms and definitions, classification and specifications, technical requirements, test methods, inspection rules, packaging, marking, safety warnings, storage and transportation of children mask. This Standard is applicable to the masks worn by children 6 years old and above, 14 years old and below to filter particulate matter in the air, blocking microorganisms, pollen, spray, etc. This Standard is not applicable to mask containing electric air supply (exhaust) device.

Pharmacopoeia of the People's Republic of China 2015 - The Stationery Office 2017-04-13

The Pharmacopoeia of the People's Republic of China 2015 Edition is the 10th edition of the Chinese Pharmacopoeia. It provides the statutory requirements for foreign pharmaceutical companies producing medicines for the Chinese market.

Pharmacy Practice for Technicians - Zachary I. Hanan 2014-01-03

Designed to fully prepare readers for the challenges of a career in the pharmacy industry, the Fifth Edition of DURGIN AND HANAN'S PHARMACY PRACTICE FOR TECHNICIANS continues to provide readers with the comprehensive coverage that has made previous editions so popular. Useful as both a learning tool and a reference manual, this practical text covers all aspects of contemporary health care and pharmacy practice, including comprehensive information on basic pharmacy concepts and changes in pharmacy technician duties, practice and regulatory standards. With increased coverage of prescription drug plans, career opportunities, and communication skills, this classic text provides readers with the information needed to excel in a variety of pharmacy settings. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

Medicinal Plants - M. K. Rai 2012-07-03

This volume provides a contemporary overview of new strategies for traditional medicine development. It emphasizes the importance of cataloging ethnomedical information, determining the active principles, and examining the genetic diversity and range of actions of traditional medicines. It discusses the challenges of using traditional medicines for diseases where access to modern medicine is limited, and the research areas needed to improve quality, safety, and efficacy for enhancing healthcare. Affirming the importance of traditional medicines as an essential and integral component of healthcare systems, it explores the vast opportunities for their evidence-based development.

YY/T 0326-2017: Translated English of Chinese Standard. (YYT 0326-2017, YY/T0326-2017, YYT0326-2017) - https://www.chinesestandard.net 2018-06-02

[After payment, write to & get a FREE-of-charge, unprotected true-PDF from: Sales@ChineseStandard.net] This Standard specifies the requirements for plasmapheresis centrifuge apparatus for single use (hereinafter referred to as centrifuge apparatus) to ensure that it is compatible with the matching centrifugal automatic plasma collection machine. The plasma collected and stored by the centrifuge apparatus specified in this Standard is used for the preparation of blood products and cannot be used for clinical blood transfusion.

YY/T 1416.1-2016: Translated English of Chinese Standard. (YYT 1416.1-2016, YY/T1416.1-2016, YYT1416.1-2016) - https://www.chinesestandard.net 2018-04-23

[After payment, write to & get a FREE-of-charge, unprotected true-PDF from: Sales@ChineseStandard.net] In this part of YY/T 1416 specifies the method for determining the volume of EDTA salt additive in a single-use container for human venous blood specimen collection. This part applies to single-use containers for human venous blood specimen collection which only contains the additive of ethylene diamine tetraacetic acid (EDTA) salt.

Food Wastes and By-products - Rocio Campos-Vega 2020-02-03

A complete guide to the evolving methods by which we may recover by-products and significantly reduce food waste Across the globe, one third of cereals and almost half of all fruits and vegetables go to waste. The cost of such waste – both to economies and to the environment – is a serious and increasing concern within the food industry. If we are to overcome this crisis and move towards a sustainable future, we must do everything possible to utilize innovative new methods of extracting and processing valuable by-products of all kinds. Food Wastes and By-products represents a complete primer to this important and complex process. Edited and written by leading researchers, the text provides essential information on the supply of waste and its composition, identifies foods rich in valuable bioactive compounds, and explores revolutionary methods for creating by-products from fruit, vegetable, and seed waste. Other chapters discuss the nutraceutical properties of value-added by-products and their uses in the manufacturing of dietary fibers, food flavors, supplements, pectin, and more. This book: Explains how reconstituted by-products can best be used to radically reduce food waste Discusses the potential nutraceutical assets of recovered food waste Covers a broad range of by-product sources, such as mangos, cacao, flaxseed, and spent coffee grounds Describes novel extraction processes and the emerging use of nanotechnology A significant contribution to the field, Food Wastes and By-products is a timely and essential resource for food industry professionals, government agencies and NGOs involved in nutrition, agriculture, and food production, and university instructors and students in related areas.

Chromatographic Fingerprint Analysis of Herbal Medicines Volume III - Hildebert Wagner 2014-10-30

Volume III of this manual provides an overview of the analytical investigation of 23 additional Chinese Herbal Drugs, which are most commonly used in Traditional Chinese Medicine. Together with Volumes I and II this current volume represents the most comprehensive overview to analytical studies of those herbal

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drugs. The quality proof of the investigation meets the standard of the European Drug Regulatory Authority. The authors refer to the bioactive constituents, pharmacological and biological activities of all single herbal drugs, as well as their therapeutic applications. Analytical methods applied are described in detail.

Taurine 8 - Abdeslem El Idrissi 2013-02-11

Taurine 8 represents the combined efforts of investigators on the roles of the amino acid taurine on human health and disease. The chapters covered in this book are directly derived from presentations of the contributors at the 18th International Taurine Meeting held in Marrakech, Morocco in April 2012. The purpose of this book is to disseminate current findings on taurine's contribution in several organ systems. This book covers the following topics: Taurine in Nutrition and Metabolism, the Protective Role of Taurine, and the Role of Taurine in Reproduction, Development, and Differentiation. Dr. Abdeslem El Idrissi, College of Staten Island and Dr. William L'Amoreaux, College of Staten Island, were co-chairs of the Organizing Committee for the meeting. Data presented at this meeting provided compelling evidence that taurine is not only cytoprotective in cardiomyocytes, but also is a potent GABA agonist, whereby it can facilitate vasodilation of conducting arteries. Taurine conjugates, such as taurine chloramine, may protect cells from oxidative stress via increased HO-1 expression. In adult rodents, taurine has a potent effect on plasma glucose levels, likely through the release of insulin in pancreatic beta cells. As a potential neurotransmitter, taurine is known to work via the GABAergic system, but current research presented at this meeting suggest that taurine may interact with glutamate and serotonin receptors as well. Data are also presented to demonstrate the protective roles of taurine on neurons in neuroblastoma. Perhaps the most important and exciting presentation is the role of taurine and alcohol: the combination may be lethal. Data are also presented at this meeting of the potential role taurine may have as an adjuvant treatment with cisplatin in chemotherapy.

Handbook of Pharmaceutical Manufacturing Formulations, Third Edition - Sarfaraz K. Niazi 2019-12-06

The Handbook of Pharmaceutical Manufacturing Formulations, Third Edition: Volume Four, Semisolid Products is an authoritative and practical guide to the art and science of formulating drugs for commercial manufacturing. With thoroughly revised and expanded content, this fourth volume of a six-volume set, compiles data from FDA and EMA new drug applications, patents and patent applications, and other sources of generic and proprietary formulations including author's own experience, to cover the broad spectrum of cGMP formulations and issues in using these formulations in a commercial setting. A must-have collection for pharmaceutical manufacturers, educational institutions, and regulatory authorities, this is an excellent platform for drug companies to benchmark their products and for generic companies to formulate drugs coming off patent. Features: Largest source of authoritative and practical formulations, cGMP compliance guidance and self-audit suggestions Differs from other publications on formulation science in that it focuses on readily scalable commercial formulations that can be adopted for cGMP manufacturing Tackles common difficulties in formulating drugs and presents details on stability testing, bioequivalence testing, and full compliance with drug product safety elements Written by a well-recognized authority on drug and dosage form development including biological drugs and alternative medicines

Aulton's Pharmaceutics - Michael E. Aulton 2013

"Pharmaceutics is the art of pharmaceutical preparations. It encompasses design of drugs, their manufacture and the elimination of micro-organisms from the products. This book encompasses all of these areas."--Provided by publisher.

Natural Small Molecule Drugs from Plants - Guan-Hua Du 2018-11-19

This book discusses 120 types of natural, small-molecule drugs derived from plants. They are grouped into 7 parts according their clinical uses, such as drugs for cardiovascular diseases, for metabolic diseases, for neuropsychiatric diseases, for immune-mediated inflammatory diseases, anti-tumor drugs, and drugs for parasites and bacterial infection. Each chapter systematically summarizes one drug, including its physicochemical properties, sources, pharmacological effects and clinical applications. To help readers understand the drug better, the research and pharmacological activity for each drug is also described, which serves as a salutary lesson for future drug development. Written by frontline researchers, teachers and clinicians working in field of pharmacy and pharmacology it provides an overview of natural, small-molecule drugs derived from plants for researchers in the field.

WHO Expert Committee on Biological Standardization - World Health Organization 2018-07-18

This report presents the recommendations of a WHO Expert Committee commissioned to coordinate activities leading to the adoption of international recommendations for the production and control of vaccines and other biological substances and the establishment of international biological reference materials. Following a brief introduction the report summarizes a number of general issues brought to the attention of the Committee. The next part of the report of particular relevance to manufacturers and national regulatory authorities outlines the discussions held on the development and adoption of new and revised WHO Recommendations Guidelines and guidance documents. Following these discussions WHO Guidelines on the quality safety and efficacy of Ebola vaccines and WHO Guidelines on procedures and data requirements for changes to approved biotherapeutic products were adopted on the recommendation of the Committee. In addition the following two WHO guidance documents on the WHO prequalification of in vitro diagnostic medical devices were also adopted: (a) Technical Specifications Series (TSS) for WHO Prequalification - Diagnostic Assessment: Human immunodeficiency virus (HIV) rapid diagnostic tests for professional use and/or self-testing; and (b) Technical Guidance Series (TGS) for WHO Prequalification - Diagnostic Assessment: Establishing stability of in vitro diagnostic medical devices. Subsequent sections of the report provide information on the current status proposed development and establishment of international reference materials in the areas of: antibiotics biotherapeutics other than blood products; blood products and related substances; in vitro diagnostics; and vaccines and related substances. A series of annexes are then presented which include an updated list of all WHO Recommendations Guidelines and other documents on biological substances used in medicine (Annex 1). The above four WHO documents adopted on the advice of the Committee are then published as part of this report (Annexes 2-5). Finally all additions and discontinuations made during the 2017 meeting to the list of International Standards Reference Reagents and Reference Panels for biological substances maintained by WHO are summarized in Annex 6. The updated full catalogue of WHO International Reference Preparations is available at: http://www.who.int/bloodproducts/catalogue/en/.

GB 26373-2010: Translated English of Chinese Standard. GB26373-2010 - https://www.chinesestandard.net 2020-04-04

This Standard specifies the raw material requirements and technical requirements, application scope, use methods, inspection methods, marking and packaging, transportation and storage, labeling and instruction manual and precautions for alcohol disinfectants. This Standard is applicable to alcohol disinfectants made with alcohol as the main raw material, including disinfectants compatible BETWEEN alcohol AND surfactants, food colorants, skin care ingredients, and food flavors.

Recent Advances in Theories and Practice of Chinese Medicine - Haixue Kuang 2012-01-18

During the recent years, traditional Chinese medicine (TCM) has attracted the attention of researchers all over the world. It is looked upon not only as a bright pearl, but also a treasure house of ancient Chinese culture. Nowadays, TCM has become a subject area with high potential and the possibility for original innovation. This book titled Recent Advances in Theories and Practice of Chinese Medicine provides an authoritative and cutting-edge insight into TCM research, including its basic theories, diagnostic approach, current clinical applications, latest advances, and more. It discusses many often neglected important issues, such as the theory of TCM property, and how to carry out TCM research in the direction of TCM property theory using modern scientific technology. The authors of this book comprise an international group of recognized researchers who possess abundant clinical knowledge and research background due to their years of practicing TCM. Hopefully, this book will help our readers gain a deeper understanding of the unique characteristics of Chinese medicine.

YY/T 0616.1-2016: Translated English of Chinese Standard. (YYT 0616.1-2016, YY/T0616.1-2016, YYT0616.1-2016) - https://www.chinesestandard.net 2018-05-05

[After payment, write to & get a FREE-of-charge, unprotected true-PDF from: Sales@ChineseStandard.net] This Part of YY/T 0616 specifies the requirements for the biological safety evaluation of medical gloves for single use, and gives the requirements for the labeling and disclosure of information for the test methods

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used. This Part applies to the biological safety evaluation of medical gloves for single use.

YY/T 1288-2015: Translated English of Chinese Standard. (YYT 1288-2015, YY/T1288-2015, YYT1288-2015) - https://www.chinesestandard.net 2018-04-23

[After payment, write to & get a FREE-of-charge, unprotected true-PDF from: Sales@ChineseStandard.net] This Standard specifies the requirements for nylon blood filter nets for transfusion equipment for single use (hereinafter referred to as the filter net). The filter net can be installed in the dropping funnel or accessories of transfusion (blood collection) apparatus, used to filter blood clots, impurities and foreign bodies in blood or blood products.

Medicinal Plants and Malaria - Woon-Chien Teng 2016-01-06

Malaria is a potentially life-threatening disease that affects millions worldwide, especially in Sub-Saharan Africa. The recent emergence and spread of multidrug resistance in parts of Southeast Asia prompts the urgent need for novel and effective therapy against the disease. Medicinal Plants and Malaria: Applications, Trends, and Prospects highlig

Wildcheck – Assessing the risks and opportunities of trade in wild plant ingredients - Schindler, C., Heral, E., Drinkwater, E., Timoshyna, A., Muir, G., Walter, S., Leaman, D.J., Schippmann, U. 2022-04-22

Thousands of consumer products around the world contain ingredients obtained from wild plants. Wild harvest accounts for some or all the harvest of the great majority of plant species in trade (between 60-90 percent). Wild-harvested plants often come from the most biodiverse ecosystems on earth and many have been used traditionally or by local communities for generations. While these products have global markets and provide critical sources of income, they can also have deep ties to particular cultures and places. Demand for wild plant ingredients is growing rapidly, having grown by over 75 percent in value over the past two decades. Thousands of harvested species are at risk mainly from a combination of overharvest and habitat loss: of the 21 percent of medicinal and aromatic plant species whose threat status has been assessed, 9 percent are considered threatened with extinction. Despite their ubiquity, importance, and the threats facing them, wild plant ingredients are often obscured from consumers and escape companies' due diligence due to a lack of awareness and traceability. Best practice standards exist but have yet to capture a significant portion of the market. This report aims to address these challenges by making information on a selection of 'flagship' wild plant ingredients, the Wild Dozen, readily available and easy to understand. By offering this information without obligation to a specific prescription for follow-up action (e.g. through certification or policy change), it is hoped that a wide range of users will access the report as a first step towards responsible sourcing. Along with a broader update on the state of wild plants trade, the report provides a 'profile' on each of the Wild Dozen species, summarising key facts on production and trade. Each profile contains a traffic-light risk rating on biological and social factors, along with an overview of opportunities for responsible sourcing. The information is aimed at industry, consumers, policy-makers, investors, and practitioners, concluding with a summary of what these various stakeholders can do to contribute to a sectoral shift towards responsible sourcing of wild plant ingredients.

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