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KEY=PHARMACEUTICAL - ALEXANDER LAYLAH

Introduction to Pharmaceutical Analysis

Pharmamed Press The content of the book, Introduction to Pharmaceutical Analysis, has been prepared primarily in accordance to the syllabus prepared by the Pharmacy Council of India for B. Pharm 1st semester course. However, the content of the book is not limited to the syllabus only, it provides the information which are bare necessary to understand a particular concept but beyond the syllabus. Moreover, there are two Appendices, Appendix I and II at the end. These are equally important and need to be known. One is Test solutions and the other one is for Volumetric solutions. In fact, many students do not know the difference between these solutions that are essential for analysis. How to prepare all these solutions are mentioned there. Hence, the book would be a real helpful to all those who are associated to pharmaceutical analysis, may be during their post-graduation and during service pharmaceutical industry.

Race and Gender Discrimination across Urban Labor Markets

Routledge This study, first published in 1996, investigates the effects that local labor market conditions may have on the economic status of women and blacks, relative to their white male counterparts. More precisely, it examines the impact that local

labor market conditions have on estimates of labor market discrimination investigated in this study are wage discrimination and occupational discrimination. This title will be of interest to students of sociology, gender studies and urban studies.

Global Perspectives on Astaxanthin From Industrial Production to Food, Health, and Pharmaceutical Applications

Academic Press Global Perspectives on Astaxanthin: From Industrial Production to Food, Health, and Pharmaceutical Applications explores the range of practical applications for this molecule, focusing on nutraceutical, pharmaceutical and cosmeceutical products, along with food and feed. This volume brings together the most relevant research, background and future thinking on astaxanthin, focusing on its health benefits. Chapters cover phytopharmaceuticals, industrial production, feeds, downstream processing, regulations, products, color, pigment, cosmetics, bioactive compounds, relationships to other carotenoids, and skin care. The detailed information on its production, processing, utilization and future applications will be of particular use to academic and industry researchers in pharmaceutical sciences, pharmacology and nutrition. Provides detailed information on astaxanthin, including its production, processing, utilization and future applications Includes discussion on the commercial analysis procedure Offers critical analysis on current and potential applications of astaxanthin as contributed by 121 authors from 22 countries in academia, research institutes and industries

Tissue Culture

Plants: A Bibliography, January 1992-March 1994

DIANE Publishing A collection of 273 citations in English on the topic of tissue culture in plants, including embryos, pollen, cell suspension, buds, in vitro culture, etc. Most citations have abstracts. Author and subject index.

A Textbook of Pharmaceutical

Analysis

Wiley-Interscience

Instrumental Methods of Chemical Analysis

Krishna Prakashan Media

Textbook of Pharmaceutical Chemistry

Probecell Press The textbook of Pharmaceutical Chemistry has been written for students of diploma in pharmacy first-year students keeping in mind specific requirements of the Pharmacy Council of India (PCI), Education Regulation - 2020. This is a bilingual book in both English and Hindi for easy understanding to students. This book is covering the entire syllabus as per new PCI norms including practicals and previous year questions. This book containing thirteen chapters covering pharmaceutical inorganic chemistry and medicinal chemistry topics. Chapter 1 is introduction to pharmaceutical chemistry containing limit tests, error in analysis, scope, significant figures and quality control methods. Chapter 2 is volumetric analysis containing fundamentals, acid and base theories and titrations. Chapter 3 is related to inorganic pharmaceuticals comprise of hematinics and antacids. Chapter 4 belongs to heterocyclic compounds and their nomenclature. Chapter 5-13 belongs to synthesis and classification of medicinal drugs and their chemistry used in the treatment of several disorder.

Social and Preventive Pharmacy

Handbook of Algal Technologies and Phytochemicals

Volume II Phycoremediation, Biofuels and Global Biomass

Production

CRC Press Key Features The most comprehensive resource available on the biodiversity of algal species, their industrial production processes and their use for human consumption in food, health and varied applications. Emphasis on basic and applied research, addressing aspects of scale-up for commercial exploitation for the development of novel phytochemicals (phytochemicals from algae). Addresses the underexplored and underutilized potential of chemicals from marine sources for health benefits. Each chapter, written by expert contributors from around the world, includes a Dictionary of Terms, Key Facts, Summary Points, Figures and Tables, as well as up-to-date references. The second book in this two-volume set explores phycoremediation applications, and the sustainable use of algae for biofuels and other products of economic value. It also looks at aspects such as macro- and micro algal impact on marine ecosystem and remote sensing of algal blooms. The commercial value of chemicals of value to food and health is about \$6 billion annually, of which 30 percent relates to micro and macro algal metabolites and products for health food applications. As a whole, the two volumes explore the aspects of diversity of micro and macro algal forms, their traditional uses; their constituents which are of value for food, feed, specialty chemicals, bioactive compounds for novel applications, and bioenergy molecules. Bio-business and the market share of algae-based products are also dealt with, providing global perspectives.

I Could Not be Hindu

The Story of a Dalit in the RSS

Clinical Pharmacy and Pharmacotherapeutics

Pharmamed Press This edition emphasizes several new themes which includes General Topics, Drugs used in Different Life Stages, Case Studies of Different Disorders, Problems related to Clinical Pharmacotherapeutics. Different Case Studies pertaining to wide variety of diseases are discussed; explicit answers and discussions are provided in the text of Part IV.

Analytical Method Development and Validation

CRC Press Describes analytical methods development, optimization and validation, and provides examples of successful methods development and validation in high-

performance liquid chromatography (HPLC) areas. The text presents an overview of Food and Drug Administration (FDA)/International Conference on Harmonization (ICH) regulatory guidelines, compliance with validation requirements for regulatory agencies, and methods validation criteria stipulated by the US Pharmacopoeia, FDA and ICH.

Ross & Wilson Anatomy and Physiology in Health and Illness E-Book

Elsevier Health Sciences The new edition of the hugely successful Ross and Wilson Anatomy & Physiology in Health and Illness continues to bring its readers the core essentials of human biology presented in a clear and straightforward manner. Fully updated throughout, the book now comes with enhanced learning features including helpful revision questions and an all new art programme to help make learning even easier. The 13th edition retains its popular website, which contains a wide range of 'critical thinking' exercises as well as new animations, an audio-glossary, the unique Body Spectrum© online colouring and self-test program, and helpful weblinks. Ross and Wilson Anatomy & Physiology in Health and Illness will be of particular help to readers new to the subject area, those returning to study after a period of absence, and for anyone whose first language isn't English. Latest edition of the world's most popular textbook on basic human anatomy and physiology with over 1.5 million copies sold worldwide Clear, no nonsense writing style helps make learning easy Accompanying website contains animations, audio-glossary, case studies and other self-assessment material, the unique Body Spectrum© online colouring and self-test software, and helpful weblinks Includes basic pathology and pathophysiology of important diseases and disorders Contains helpful learning features such as Learning Outcomes boxes, colour coding and design icons together with a stunning illustration and photography collection Contains clear explanations of common prefixes, suffixes and roots, with helpful examples from the text, plus a glossary and an appendix of normal biological values. Particularly valuable for students who are completely new to the subject, or returning to study after a period of absence, and for anyone whose first language is not English All new illustration programme brings the book right up-to-date for today's student Helpful 'Spot Check' questions at the end of each topic to monitor progress Fully updated throughout with the latest information on common and/or life threatening diseases and disorders Review and Revise end-of-chapter exercises assist with reader understanding and recall Over 150 animations - many of them newly created - help clarify underlying scientific and physiological principles and make learning fun

Ethical Criteria for Medicinal Drug Promotion

"Resolution WHA41.17 adopted by the Forty-first World Health Assembly, 13 May 1988" -- p.1.

Pharmaceutical Analysis Vol. - I

Pragati Books Pvt. Ltd.

Clinical Pharmacy and Therapeutics

A practical guide for the treatment of common diseases, this updated edition includes the very latest information. It covers the treatment of disease by drug therapy and uses case studies to illustrate the application of the principles discussed

Advances in Intelligent Manufacturing

Select Proceedings of ICFMMP 2019

Springer Nature This book consists of select proceedings of the International Conference on Functional Material, Manufacturing and Performances (ICFMMP) 2019, and presents latest research on using the combined intelligence of people, processes, and machines to impact the overall economics of manufacturing. The book focuses on optimizing manufacturing resources, improving business value and safety, and reducing waste - both on the floor and in back-office operations. It highlights the applications of the latest manufacturing execution system (MES), intelligent devices, machine-to-machine communication, and data analysis for the production lines and facilities. This book will be useful to manufacturers of finished goods and of sub-assemblies in the automotive, agriculture, and construction equipment sector. It will also provide solutions to make production strategies exceptional and can be a useful reference for beginners, researchers, and professionals interested in intelligent manufacturing technologies.

Conference on Drug Design and Discovery Technologies

Royal Society of Chemistry This publication is based on peer-reviewed manuscripts from the 2019 Conference on Drug Design & Discovery Technologies (CDDT) held at Ramaiah University of Applied Sciences, India. Providing a wide range of up to date

topics on the latest advancements in drug design and discovery technologies, this book ensures the reader receives a good understanding of the scope of the field. Aimed at scientists, students, regulators, academics and consultants throughout the world, this book is an ideal resource for anyone interested in the state of the art in drug design and discovery.

Social Pharmacy - Health Education and Community Pharmacy

Probecell Press The textbook of Social Pharmacy has been written for students of diploma in pharmacy first-year students keeping in mind specific requirements of the Pharmacy Council of India (PCI), Education Regulation - 2020. This is a bilingual book in both English and Hindi for easy understanding to students. This book is covering the entire syllabus as per new PCI norms including practicals and previous year question papers. This book containing ten chapters with an introduction to social pharmacy. In preceding chapters role of pharmacists, environment and health, psychosocial pharmacy, nutrition and health, epidemiology, national health program and pharmacoconomics have discussed. This book is basically health education and community pharmacy.

High-throughput Image Reconstruction and Analysis

Artech House Publishers This groundbreaking book describes high-performance computing (HPC) techniques that are blazing the way to never-before bioimaging, image analysis, and data mining capabilities and revolutionizing the study of cellular and organ-level systems. It surveys the latest advances in scanning electron microscopy, knife-edge scanning microscopy, and more.

Biomarkers in Drug Development A Handbook of Practice, Application, and Strategy

John Wiley & Sons Discover how biomarkers can boost the success rate of drug development efforts As pharmaceutical companies struggle to improve the success rate and cost-effectiveness of the drug development process, biomarkers have emerged as a valuable tool. This book synthesizes and reviews the latest efforts to identify, develop, and integrate biomarkers as a key strategy in translational medicine and the drug development process. Filled with case studies, the book demonstrates how biomarkers can improve drug development timelines, lower costs,

facilitate better compound selection, reduce late-stage attrition, and open the door to personalized medicine. Biomarkers in Drug Development is divided into eight parts: Part One offers an overview of biomarkers and their role in drug development. Part Two highlights important technologies to help researchers identify new biomarkers. Part Three examines the characterization and validation process for both drugs and diagnostics, and provides practical advice on appropriate statistical methods to ensure that biomarkers fulfill their intended purpose. Parts Four through Six examine the application of biomarkers in discovery, preclinical safety assessment, clinical trials, and translational medicine. Part Seven focuses on lessons learned and the practical aspects of implementing biomarkers in drug development programs. Part Eight explores future trends and issues, including data integration, personalized medicine, and ethical concerns. Each of the thirty-eight chapters was contributed by one or more leading experts, including scientists from biotechnology and pharmaceutical firms, academia, and the U.S. Food and Drug Administration. Their contributions offer pharmaceutical and clinical researchers the most up-to-date understanding of the strategies used for and applications of biomarkers in drug development.

Biotechnological Production of Natural Ingredients for Food Industry

Bentham Science Publishers Increasing public health concern about healthy lifestyles has sparked a greater demand among consumers for healthy foods. Natural ingredients and environmental friendly food production and processing chains are more aligned to meeting the demand for healthy food. There is a wide array of food additives and chemicals that have nutritional value. The biotechnological food production processes, therefore, vary for different types of food chemicals and ingredients accordingly. Biotechnological Production of Natural Ingredients for Food Industry explains the main aspects of the production of food ingredients from biotechnological sources. The book features 12 chapters which cover the processes for producing and adding a broad variety of food additives and natural products, such as sweeteners, amino acids, nucleotides, organic acids, vitamins, nutraceuticals, aromatic (pleasant smelling) compounds, colorants, edible oils, hydrocolloids, antimicrobial compounds, biosurfactants and food enzymes. Biotechnological Production of Natural Ingredients for Food Industry is a definitive reference for students, scientists, researchers and professionals seeking to understand the biotechnology of food additives and functional food products, particularly those involved in courses or activities in the fields of food science and technology, food chemistry, food biotechnology, food engineering, bioprocess engineering, biotechnology, applied microbiology and nutrition.

Pharmaceutical Quality Assurance

Pragati Books Pvt. Ltd.

Advancements in Controlled Drug Delivery Systems

IGI Global The many drawbacks of conventional dosage forms and delivery systems are overcome by designing and developing controlled release drug delivery systems, and pharmaceutical and other scientists have carried out extensive and intensive investigations in the field to explore their applications. A controlled-release drug formulation can improve product efficacy and extend patent protection. As controlled drug delivery systems continue to play a vital role in delivering various types of therapeutic agents in a controlled manner, researchers are only just scratching the surface of their full potential. Advancements in Controlled Drug Delivery Systems supplies information on translating the physicochemical properties of drugs into drug delivery systems, explores how drugs are administered via various routes, and discusses recent advancements in the fabrication and development of controlled drug delivery systems. It also underlines the methodology of controlled drug delivery system preparation and the significance, disadvantages, detailed classifications, and relevant examples. Covering topics such as machine learning and oral-controlled drug delivery, this book is ideal for pharmacists, healthcare professionals, researchers, academicians, research centers, health units, students, and pharmaceutical and scientific laboratories.

Fingerprinting Analysis and Quality Control Methods of Herbal Medicines

CRC Press Due to the increase in the consumption of herbal medicine, there is a need to know which scientifically based methods are appropriate for assessing the quality of herbal medicines. Fingerprinting has emerged as a suitable technique for quality estimation. Chemical markers are used for evaluation of herbal medicines. Identification and quantification of these chemical markers are crucial for quality control of herbal medicines. This book provides updated knowledge on methodology, quality assessment, toxicity analysis and medicinal values of natural compounds.

Modern Pharmaceuticals

CRC Press "Completely revised and expanded throughout. Presents a comprehensive integrated, sequenced approach to drug dosage formulation, design, and evaluation.

Identifies the pharmacodynamic and physicochemical factors influencing drug action through various routes of administration."

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Anatomy & Physiology of Eye, 2e (HB)

The Theory and Practice of Industrial Pharmacy

Lippincott Williams & Wilkins

Pharmacy Law and Ethics

Probecell Press The textbook of Pharmacy Ethics and Law has been written for students of diploma in pharmacy second year students keeping in mind specific requirements of the Pharmacy Council of India (PCI), Education Regulation - 2020. The book is covering the entire syllabus as per new PCI norms including practicals and MCQs. This book containing twenty one chapters including general principals of law, pharmacy act, drug and cosmetic act, medicinal and toilet preparation act, narcotic and psychotropic substance act, drug and magic remedies act, prevention cruelty to animals act, poison act, FSSAI, DPCO, code of ethics, medical termination pregnancy act, CDSCO, IPC, GRP, blood bank, biowaste management, bioethics, consumer protection act and medical devices.

Pharmaceutical Analysis

Pearson Education India Pharmaceutical Analysis is a compulsory subject offered to all the under graduate students of Pharmacy. This book on Pharmaceutical Analysis

has been designed considering the syllabi requirements laid down by AICTE and other premier institutes/universities. The book covers both the Titrimetric and Instrumental aspects of Pharmaceutical analysis which is helpful for use in multiple semesters.

Structure Determination from Powder Diffraction Data

OUP Oxford The art of solving a structure from powder diffraction data has developed rapidly over the last ten years to the point where numerous crystal structures, both organic and inorganic, have been solved directly from powder data. However, it is still an art and, in contrast to its single crystal equivalent, is far from routine. The art lies not only in the correct application of a specific experimental technique or computer program, but also in the selection of the optimal path for the problem at hand. Written and edited by experts active in the field, and covering both the fundamental and applied aspects of structure solution from powder diffraction data, this book guides both novices and experienced practitioners alike through the maze of possibilities.

Practical HPLC Method Development

John Wiley & Sons This revision brings the reader completely up to date on the evolving methods associated with increasingly more complex sample types analyzed using high-performance liquid chromatography, or HPLC. The book also incorporates updated discussions of many of the fundamental components of HPLC systems and practical issues associated with the use of this analytical method. This edition includes new or expanded treatments of sample preparation, computer assisted method development, as well as biochemical samples, and chiral separations.

Undergraduate Instrumental Analysis

CRC Press Completely rewritten, revised, and updated, this Sixth Edition reflects the latest technologies and applications in spectroscopy, mass spectrometry, and chromatography. It illustrates practices and methods specific to each major chemical analytical technique while showcasing innovations and trends currently impacting the field. Many of the

Remington

The Science and Practice of Pharmacy

Lippincott Williams & Wilkins For over 100 years, Remington has been the definitive textbook and reference on the science and practice of pharmacy. This Twenty-First Edition keeps pace with recent changes in the pharmacy curriculum and professional pharmacy practice. More than 95 new contributors and 5 new section editors provide fresh perspectives on the field. New chapters include pharmacogenomics, application of ethical principles to practice dilemmas, technology and automation, professional communication, medication errors, re-engineering pharmacy practice, management of special risk medicines, specialization in pharmacy practice, disease state management, emergency patient care, and wound care. Purchasers of this textbook are entitled to a new, fully indexed Bonus CD-ROM, affording instant access to the full content of Remington in a convenient and portable format.

Life's Operating Manual

With the Fear and Truth Dialogues

Tom Shadyac is a storyteller. For over 25 years he was one of the top directors in Hollywood, producing some of its highest grossing comedies. However, after his world was rocked by a health condition, he began to consider his purpose, realising an intense need to live life with greater authenticity. Just about everything today comes with an operating manual - from your computer to your car, from your mobile phone to your iPad. Is it possible that Life comes with an operating manual, as well? That's the simple, but powerful premise of Tom Shadyac's inspiring and provocative first book. Written as a series of essays and dialogues, we are invited into a conversation that is both challenging and empowering. The question now is, can we discern what is written inside of this operating manual and garner the courage to live in accordance with its precepts? A Native American myth tells of two wolves that live inside each of us, two wolves engaged in a fierce battle for control of our lives. One wolf, the fearful wolf, walks in anger, ego, envy, greed, resentment and lies. The other wolf, the truthful wolf, lives in appreciation, kindness, love, joy, compassion, and empathy. Life's Operating Manual is expressed as a series of dialogues between the two wolves of fear and truth, with Tom reflecting on the life experiences that led him to these deep internal meditations. Authentic, direct and profound, Life's Operating Manual is an unexpected gift to any spiritual seeker.

Introduction to Spectroscopy

Cengage Learning Introduce your students to the latest advances in spectroscopy with the text that has set the standard in the field for more than three decades: INTRODUCTION TO SPECTROSCOPY, 5e, by Donald L. Pavia, Gary M. Lampman, George A. Kriz, and James R. Vyvyan. Whether you use the book as a primary text in an upper-level spectroscopy course or as a companion book with an organic chemistry text, your students will receive an unmatched, systematic introduction to spectra and basic theoretical concepts in spectroscopic methods. This acclaimed resource features up-to-date spectra; a modern presentation of one-dimensional nuclear magnetic resonance (NMR) spectroscopy; an introduction to biological molecules in mass spectrometry; and coverage of modern techniques alongside DEPT, COSY, and HECTOR. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

Insight on Genotoxicity

CRC Press Genetic toxicology is considered to be an important assessment tool as there is genetic impact of artificial chemicals. Insight on Genotoxicity discusses testing, mechanism, prediction, and bioindicator of genotoxicity taking into consideration recent advances in nano-engineered particles. Corollary of DNA dent is also discussed in detail taking into consideration the impact of ICH guidelines on genotoxicity testing, which is important for drug discovery innovation and development. Perspective review of genotoxicity evaluation in phytopharmaceuticals has been mentioned along with the prevention of genotoxicity in brief viewpoint. Salient Features Presents methods, standard protocols, and guidelines for genotoxicity testing Examines the impact of ICH Guidelines on genetic toxicity testing which is a regulatory requirement for drug discovery and development Defines appropriate strategies about advances in in vivo genotoxicity testing which have been listed along with progress and prospects Discusses advancement in the high-throughput approaches for genotoxicity testing Details computational prediction of genotoxicity with consideration of mutagenicity, chromosomal damage caused and strategies for computational prediction in drug development

Novel Drug Delivery Systems

Social and Administrative Aspects of Pharmacy in Low- and Middle-

Income Countries

Present Challenges and Future Solutions

Academic Press Social and Administrative Aspects of Pharmacy in Low- and Middle-Income Countries: Present Challenges and Future Solutions examines the particularities of low- and middle-income countries and offers solutions based on their needs, culture and available resources. Drawing from the firsthand experience of researchers and practitioners working in these countries, this book addresses the socio-behavioral aspects of pharmacy and health, pharmacoeconomics, pharmaceutical policy, supply management and marketing, pharmacoepidemiology and public health pharmacy specific to low- and middle-income countries. While some practices may be applied appropriately in disparate places, too often pharmacy practice in low- and middle-income countries is directly copied from successes in developed countries, despite the unique needs and challenges low- and middle-income countries face. Examines key issues and challenges of pharmacy practice and the pharmaceutical sector specific to low- and middle-income countries Compares pharmacy practice in developed and developing countries to highlight the unique challenges and opportunities of each Provides a blueprint for the future of pharmacy in low- and middle-income countries, including patient-centered care, evidence-based care and promoting the role of the pharmacist for primary health care in these settings