

Pharmacetics Aulton 3rd Edition Text

Introduction to Pharmaceutics and its Scope - Development of a New Drug - Introduction to Dosage Forms of Drugs - History and Development of Profession of Pharmacy - Introduction to Pre-formulation - Biopharmaceutics - Good Manufacturing Practices - Introduction to Pre-formulation - Biopharmaceutics - Good Manufacturing Practices - Introduction to Alternative Systems of Medicines - Drug Delivery Systems - Biological Products - Packaging of Pharmaceuticals - Bibliography - Index

Pharmacists have been responsible for compounding medicines for centuries. Although most modern medicines are not compounded in a local pharmacy environment, there are still occasions when it is imperative that pharmacists have this knowledge. Pharmaceutical Compounding and Dispensing provides a comprehensive guide to producing extemporaneous formulations safely and effectively. The book covers three core sections: the history of compounding; pharmaceutical forms and their preparation; product formulae. This is a modern, detailed and practical guide to the theory and practice of extemporaneous compounding and dispensing. Fully revised and updated, this new edition will be an indispensable reference for pharmacy students and practising pharmacists. Supplementary videos demonstrating various dispensing procedures can be viewed online.

Written with busy medical students and house officers in mind, Pharmacology Recall minimizes the time spent reading and identifying important material and maximizes the time available for actual learning. As part of Lippincott Williams & Wilkins' Recall Series, Pharmacology Recall uses the concise, two-column question-and-answer format to facilitate quick learning. Common Board questions and mnemonics appear throughout the book to facilitate memorization and illustrations are provided to clarify important concepts. A Pharmacology Power Review chapter presents a unique bird's-eye view of pharmacology and can be used to review large amounts of high-yield information quickly before medical school and USMLE exams.

From a review of the previous edition: "For all the pharmacy students out there part of your pharmacy degree will be to study formulation design and pharmaceutics. This is the holy grail of pharmaceutical technology books. The text reads well and introduces difficult concepts in a more easy-to-understand way, it is definitely worth the money to help you get through the module, if you're doing a research project in pharmaceutical design then this would also be an excellent buy...This is essential for passing exams and developing professional competence. This is the best known text on pharmaceutics. Its strength lies mainly in being a complete course in one book. Reviewers consistently praise its comprehensiveness and its extremely high quality-quality content. Pharmaceutics is one of the most diverse subject areas in pharmaceutical science and an understanding of it is vital for all pharmacists and scientists involved in converting drugs to medicines that can be safely delivered to a patient. The editorial and author team deliver a tour de force of accessibility, coverage and currency in this new edition of a world-class textbook. Relevant chemistry covered throughout Reflects current and future use of biotechnology products throughout Covers ongoing changes in our understanding of biopharmaceutics, certain areas of drug delivery and the significance of the solid state Includes the science of formulation and drug delivery Designed and written for newcomers to the design of dosage forms Key points boxes throughout Summaries at the end of each chapter Fully updated throughout, with particular focus on delivery of biopharmaceuticals, nanotechnology and nanomedicines, parenteral and ocular drug delivery mechanisms. Now comes with online access on StudentConsult.

A TEXT BOOK OF GENERAL AND DISPENSING PHARMACY

Pharmaceutical Calculations

Practical Pharmaceutics - I

Part II Fourth Edition

Basic Concepts in Medicinal Chemistry

FASTrack Pharmaceutics - Dosage Form and Design focuses on what you really need to know in order to pass your pharmacy exams. It provides concise, bulleted information, key points, tips and an all-important self-assessment section, including MCQs.

The goal of an activity-directed isolation process is to isolate bioactive compounds which may provide structural leads of therapeutic importance. Whereas the traditional process of drug development is long and expensive, simple and rapid bioassays can serve as the starting point for drug discovery. This book presents a range of "bench top" bioassa

This 6th edition of the established textbook covers every aspect of drug properties from the design of dosage forms to their delivery by all routes to sites of action in the body.

Pharmaceutics is one of the most diverse subject areas in all of pharmaceutical science. In brief, it is concerned with the scientific and technological aspects of the design and manufacture of dosage forms or medicines. An understanding of pharmaceutics is therefore vital for all pharmacists and those pharmaceutical scientists who are involved with converting a drug or a potential drug into a medicine that can be delivered safely, effectively and conveniently to the patient. Now in its fourth edition, this best-selling textbook in pharmaceutics has been brought completely up to date to reflect the rapid advances in delivery methodologies by eye and injection, advances in drug formulations and delivery methods for special groups (such as children and the elderly), nanomedicine, and pharmacogenoy. At the same time the editors have striven to maintain the accessibility of the text for students of pharmacy, preserving the balance between being a suitably pitched introductory text and a clear reflection of the state of the art, provides a logical, comprehensive account of drug design and manufacture includes the science of formulation and drug delivery designed and written for newcomers to the design of dosage forms New to this edition New editor: Kevin Taylor, Professor of Clinical Pharmaceutics, School of Pharmacy, University of London. Twenty-two new contributors. Six new chapters covering parenteral and ocular delivery; design and administration of medicines for the children and elderly; the latest in plant medicines; nanotechnology and nanomedicines, and the delivery of biopharmaceuticals. Thoroughly revised and updated throughout.

Fundamental Skills for Patient Care in Pharmacy Practice

Aulton's Pharmaceutics E-Book

Pharmaceutical Analysis E-Book

The Science and Practice of Pharmacy

A Textbook for Pharmacy Students and Pharmaceutical Chemists

Completely revised and updated, this third edition of Pharmaceutical Dosage Forms and Drug Delivery elucidates the basic principles of pharmaceutics, biopharmaceutics, dosage form design, and drug delivery – including emerging new biotechnology-based treatment modalities. The authors integrate aspects of physical pharmacy, chemistry, biology, and biopharmaceutics into drug delivery. This book highlights the increased attention that the recent spectacular advances in gene therapy and nanotechnology have brought to dosage form design and drug delivery. With the expiration of older patents and generic competition, the biopharmaceutical industry is evolving faster than ever. Apart from revising and updating existing chapters on the basic principles, this edition highlights the emerging emphasis on drug discovery, antibodies and antibody-drug conjugates as therapeutic moieties, individualized medicine including patient stratification strategies, targeted drug delivery, and the increasing role of modeling and simulation. Although there are numerous books on pharmaceutics and dosage forms, most cover different areas of the discipline and do not provide an integrated approach. The integrated approach of this book not only provides a singular perspective of the overall field, but also supplies a unified source of information for students, instructors and professionals, saving their time and money.

NEW TO THIS EDITION Updated throughout with the latest discoveries Five new chapters covering " the molecular structure of receptors and the mechanisms of signal transduction "combinatorial synthesis " the role of computers in drug design " adrenergics " drug discovery and drug development

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

The Sixth Edition of this best-selling text includes updates to account for new legal, regulatory and policy developments. Pharmacy Practice and the Law, Sixth Edition provides background, history and discussion of the law so as to enable the student to not only learn the facts, but to help them understand, apply and critically evaluate the information. The issues covered in this text are discussed in non-legal, easy to understand language. Challenging open-ended discussion questions and edited cases are included in every chapter to facilitate discussion and critical thinking. Citations to all laws, court cases, regulations and other documents are provided. An online instructor's manual is available. Pharmacy Practice and the Law, Sixth Edition, is a useful resource both for teaching the facts of pharmacy law and for stimulating critical thinking issues in pharmacy law.

Physicochemical Principles of Pharmacy

FASTrack Pharmaceutics Dosage Form and Design, 2nd edition

Pharmaceutical Practice E-Book

Pharmaceutics-II

Pharmaceutics

An internationally acclaimed reference work recognized as one of the most authoritative and comprehensive sources of information on excipients used in pharmaceutical formulation with this new edition providing 340 excipient monographs. Incorporates information on the uses, and chemical and physical properties of excipients systematically collated from a variety of pharmacopaeias, patents, primary and secondary literature, websites, and manufacturers' data: extensive data provided on the applications, licensing, and safety of excipients: comprehensively cross-referenced and indexed, with many additional excipients described as related substances and an international supplier's directory and detailed information on trade names commercially available.

A comprehensive textbook covering the design of dosage forms and all aspects of drug delivery systems. 'Pharmaceutics' in its broadest sense is the 'art of the apothecary' or, in simple terms, pharmaceutical preparations. It remains a diverse subject in the pharmacy curriculum, encompassing design of drugs, their manufacture, and the elimination of micro-organisms from all those areas and pays particular attention to the design of dosage forms and their manufacture.

This Fourth Edition has been thoroughly revised and updated to take account of international developments in pharmaceutical chemistry and to maintain the position of Practical Pharmaceutical Chemistry as the leading University textbook in the field of pharmaceutical analysis and quality control. Part 2 deals with physical techniques of analysis for more advanced courses widely used techniques in quantitative chromatography. The treatment of spectroscopy and radiopharmaceuticals has also been increased. There are additional chapters on the contribution and role of physical methods of analysis in the various stages of drug development, and a series of workshop-style exercises, illustrating the application of spectroscopic techniques to identify. Users of the two volumes will welcome the internationalisation of the text, with examples based on drugs and dosage forms that are widespread and in common use in human medicine in Britain, continental Europe and North America. Additionally there is some reference to veterinary pharmaceuticals where they provide appropriate examples.

Fundamental Skills for Patient Care in Pharmacy Practice enables students and new pharmacists to master the skills associated with clinical care in either the inpatient or outpatient setting. In accessible steps, this valuable resource provides the tools for gaining medication histories from patients and counselling them on the most effective and safe manner to take their medication. The text includes a background and practice of a critical skill, tools that aid in its development and mastery, and tips for success. Students and pharmacists will come away with the knowledge to identify drug-related problems and formulate plans for solutions to these problems. Fundamental Skills for Patient Care in Pharmacy Practice prepares future pharmacists to communicate effectively with patients, health professionals and special patient populations as they prepare and present SOAP notes, patient cases, and discharge counselling.

Revised and Expanded

Hospital And Clinical Pharmacy

Aulton's Pharmaceutics

Stoklosa and Ansel's Pharmaceutical Calculations

Pharmacology Recall

Master key pharmacological concepts and practices with the most comprehensive, authoritative guide available Presented in full-color and packed with hundreds of illustrations, Basic and Clinical Pharmacology is the wide-ranging, engaging guide students have counted on for decades. Organized to reflect the course sequence in many pharmacology courses and in integrated curricula, the guide covers the important concepts students need to know about the science of pharmacology and its application to clinical practice. This edition has been extensively updated to provide expanded coverage of transporters, pharmacogenomics, and new drugs Delivers the knowledge and insight needed to excel in every facet of pharmacology! Encompasses all aspects of medical pharmacology, including botanicals and over-the-counter drugs Major revisions of the chapters on immunopharmacology, antiseizure, antipsychotic, antidepressant, anti-diabetic, anti-inflammatory, and antiviral drugs, prostaglandins, and central nervous system neurotransmitters New chapter on the increasingly relevant topic of cannabis pharmacology Each chapter opens with a case study, covers drug groups and prototypes, and closes with summary tables and diagrams that encapsulate important information Revised full-color illustrations provide more information about drug mechanisms and effects and help clarify important concepts Trade Name/Generic Name tables are provided at end of each chapter for easy reference when writing a chart order or prescription Includes descriptions of important new drugs released through May 2019 New and updated coverage of general concepts relating to recently discovered receptors, receptor mechanisms, and drug transporters

Pharmaceutics: Drug Delivery and Targeting focuses on what pharmacy students really need to know in order to pass exams, providing concise, bulleted information, chapter overviews, hints, key points, mind maps and an all-important self-assessment section which includes MCQs. This FASTrack book systematically reviews important concepts and facts relating to the delivery and targeting of drugs. Relevant examples of delivery systems are given throughout the book with a focus on delivery systems that have actually reached clinical reality. Information is presented concisely with self-assessment questions/answers and mindmaps to aid learning. The text has been updated for the new edition based on student feedback.

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A student guide to extemporaneous pharmaceutical compounding and dispensing.

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The Science of Medicine Design

Hugo and Russell's Pharmaceutical Microbiology

FASTrack Pharmaceutics

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Pharmaceutics: the science of medicine design explores the different forms that medicines can take, and demonstrates how being able to select the best form – be it a tablet, injectable liquid, or an inhaled gas – requires an understanding of how chemicals behave in different physical states.

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A student guide to extemporaneous pharmaceutical compounding and dispensing.

Pharmaceutical Compounding and Dispensing

The Science of Medicine Design