Pharmaceutical Sciences & Experimental Therapeutics: E-Books

Hardin Library

Databases  E-Books  Natural Products  Drug Development  Compounding  Research Protocols  Open Access Fund  EndNote  Scholarly Writing

Quick Links

- Clinical Pharmacy Resources
  A guide to clinical pharmacy resources including drug monographs, drug identification, and drug interaction, etc.

- Engineering Library
  Note the patent search guide created by Engineering Librarian Kari Kozak at http://guides.lib.uiowa.edu/patents

- Sciences Library
  Official website of University of Iowa Sciences Library.

- Business Library
  Note the Market Research Reports guide created by Business Librarian Kim Bloedel at http://guides.lib.uiowa.edu/market

Selected Titles: Medicinal & Natural Products Chemistry

- Advanced Organic Chemistry: Reactions and Synthesis
  Provides broad coverage of the structure, reactivity and synthesis of organic compounds

- CRC Handbook of Chemistry and Physics
  The CRC Handbook provides physical property data for a wide range of chemicals.

- Drug Metabolism
  Editors: Corina Ionescu, Mino R. Caira

- Harper's Illustrated Biochemistry
  Provides comprehensive and up-to-date coverage on biochemistry concepts and the link between biochemistry and the molecular basis of health and disease

Selected Titles: Pharmaceutics and Translational Therapeutics

- Drug Discovery and Evaluation: Pharmacological Assays
  Practical guide for testing and evaluating pharmacological effects of potential new drugs. Includes molecular biology and genetic engineering techniques as well as classical pharmacological methods

- Goodman and Gilman's The Pharmacological Basis of Therapeutics
  Goodman and Gilman's provides a comprehensive review of pharmacology and pharmacology-related topics. The online version includes additional features such as videos and content updates.

- Profiles of Drug Substances, Excipients, and Related Methodology
  Check Volume 33 for pKa values.

- Critical Compilation of pKa Values for Pharmaceutical Substances
  This is volume 33 of Profiles of Drug Substances, Excipients, and Related Methodology.

- Raman and SERS Investigations of Pharmaceuticals
  Covers the fundamentals of infrared, Raman and surface-enhanced Raman spectroscopy and those of the theoretical methods employed for the vibrational prediction modes; and SERS investigations on different kinds of drugs, such as tranquilizers and sedatives, anti-inflammatory drugs, vitamins, drugs with anti-bacterial properties, etc.

- Handbook of Modern Pharmaceutical Analysis

- Casarett & Doull's Essentials of Toxicology

- Applied Biopharmaceutics & Pharmacokinetics

- Nanotechnology in Drug Delivery
  Via Springer. Edited by Melgardt M. Villiers, Pornanong Aramwit, Glen S. Kwon.
### E-book Collections

- **AccessMedicine**
  AccessMedicine.com is an online resource that provides complete references and services for physicians, students, and health professionals who need immediate access to authoritative and current medical data. It is updated daily. The service's central resource is a repository of medical knowledge from internal medicine, cardiology, genetics, pharmacy, diagnosis and management, basic sciences, patient care, and more. All databases in the repository contain the latest editions core medical titles from the AccessLange collection.

- **AccessPharmacy**
  AccessPharmacy is an online curricular resource designed to meet the changing demands of pharmacy education. A flexible resource, AccessPharmacy allows students to select a core curriculum topic, browse by organ system, review textbooks, or search across leading pharmacy online references.

- **APhA PharmacyLibrary**
  PharmacyLibrary provides access to pharmacy-specific textbooks, exam materials and others. To take practice exams, or access instructor-specific content if you are a faculty member, you need to create a personal account.

- **ClinicalKey**
  ClinicalKey provides access to more than 1100 medical texts published by Elsevier, articles from more than 500 journals, practice guidelines, drug information, and patient education handouts. All can be searched together, individually, or by type of resource (books, journals, etc.) ClinicalKey replaces MDConsult.

  **Users must log in to (free) personal accounts to download PDFs.**

  **This resource is not compatible with Internet Explorer.**

  **If using Internet Explorer, add ClinicalKey to trusted sites.**

- **Elsevier ScienceDirect E-Books**
  Elsevier purchase includes over 450 books published beginning in 2008.

- **NCBI Bookshelf (FREE)**

- **Rittenhouse Digital Library (R2)**
  R2 is a web-based application that aggregates health sciences book content from leading publishers in a single platform. This service is available exclusively through hospital, academic, and institutional libraries.

- **Springer E-Book Collection**

- **STAT!Ref**
  Electronic medical library.
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319-335-9849

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Books in this subject area deal with the pharmaceutical sciences: a group of interdisciplinary areas of study involved with the design, action, delivery, disposition, and use of drugs. This field draws on many areas of the basic and applied sciences, such as chemistry, biology, epidemiology, statistics, chemometrics, mathematics, physics, and chemical engineering, and applies their principles to the study of drugs. Completed books. Recommended books: 1. Roger and Walker; Clinical Pharmacy and Therapeutics, Churchill, Livingston, London. 2. Diro, Joseph L.; Pharmacotherapy: A Pathophysiological Approach, Elsevier 3. Tussle, T.G.: Pathology and Therapeutics for Pharmacists: A Basis for Clinical. Elective subjects of all semesters. I. Quality Control & Assurance of Pharmaceuticals. (Theory) (3 Hrs/Week). 7. Quality Assurance Guide by Organization of Pharmaceutical producers of India. 8. Pharmaceutical Process Validation; By F. R., Berory and Robert A. Nash 9. Impurities Evaluation of Pharmaceutical; Satinder Ahiya Marcel Decker. 42. The book “Pharmacology and Therapeutics” targets every aspect of the mechanisms for the chemical actions of both traditional and novel drugs. This book covers six sections: Molecular Modeling and Bio-molecular Pharmacology, Immunopharmacology, Environmental Pharmacology and Toxicology, Nanotechnology and Chemotherapy, Drugs and Drug Delivery System and Addiction Pharmacology. Each of these sections is interwoven with the theoretical aspects and experimental techniques of physiology, biochemistry, nutrition, cellular and molecular biology, microbiology, immunology, genetics, and patho Journal of Pharmacokinetics & Experimental Therapeutics Open Access. Home. Editorial Panel. Special Issue guidelines (Pharmaceutical Sciences). Pharmaceutical journals from OMICS group are devoted to publish latest research on novel drugs, their formulation methodologies, and interactions with biological systems. We invite proposals for special issues related to pharmaceutical sciences that fall within the scope of OMICS pharmaceutical journals. Special issues in this group should focus on key elements of pharmaceutical research that have significant relevance to the current requirements of medical and pharmaceutical industry.