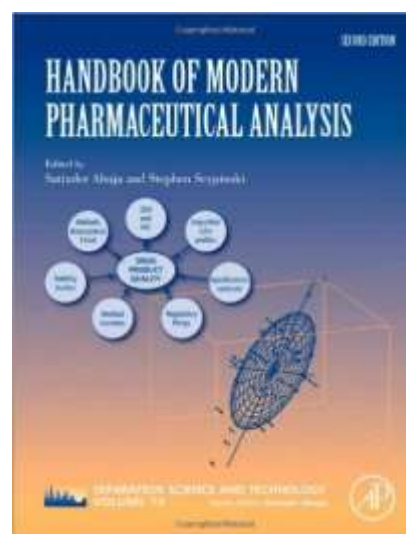


**Središnja knjižnica
Farmaceutsko-biokemijski fakultet
Sveučilište u Zagrebu**

Prinove knjiga u 2014. godini

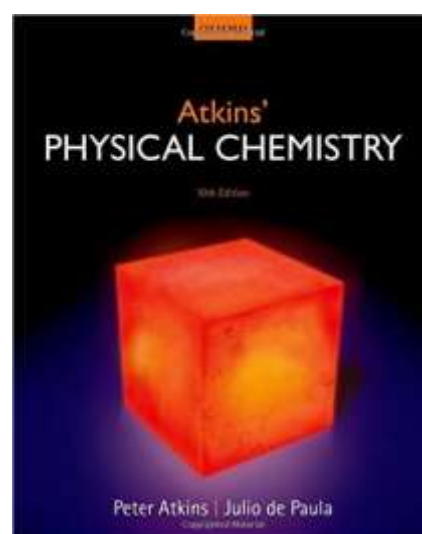
Ahuja, Satinder; Scypinski, Stephen (eds.). **Handbook of modern pharmaceutical analysis**. 2nd ed. Amsterdam [etc.] : Elsevier, 2011.

Handbook of modern pharmaceutical analysis, second edition, synthesizes the complex research and recent changes in the field, while covering the techniques and technology required for today's laboratories. The work integrates strategy, case studies, methodologies, and implications of new regulatory structures, providing complete coverage of quality assurance from the point of discovery to the point of use.



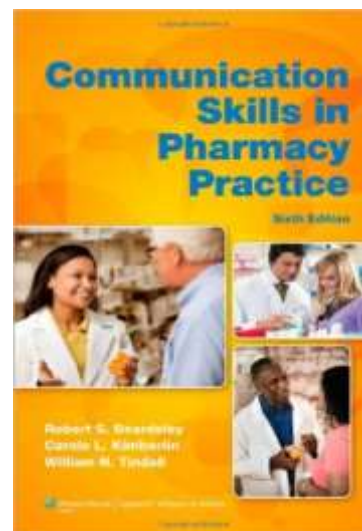
Atkins, Peter William; de Paula, Julio. **Atkins' physical chemistry**. 10th ed. Oxford : Oxford University Press, 2014.

Edition after edition, Atkins and de Paula's bestseller remains the most contemporary, most effective full-length textbook for courses covering thermodynamics in the first semester and quantum mechanics in the second semester. Its molecular view of physical chemistry, contemporary applications, student friendly pedagogy, and strong problem-solving emphasis make it particularly well-suited for pre-meds, engineers, physics, and chemistry students. Now organized into briefer, more manageable topics, and featuring additional applications and mathematical guidance, the new edition helps students learn more effectively, while allowing instructors to teach the way they want.



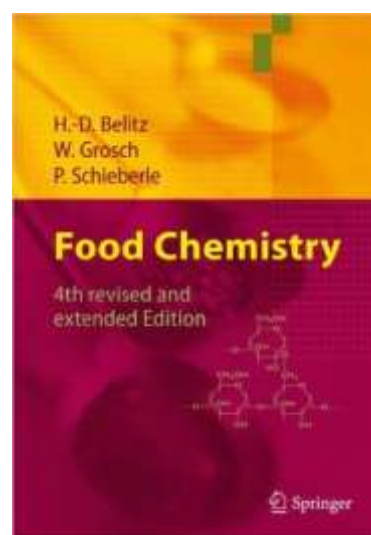
Beardsley, Robert S.; Kimberlin, Carole L.; Tindall, William N. **Communication skills in pharmacy practice : a practical guide for students and practitioners.** 6th ed. Philadelphia [etc.] : Wolters Kluwer, 2012.

Communication skills in pharmacy practice helps pharmacy and pharmacy technician students learn the principles, skills, and practices that are the foundation for clear communication and the essential development of trust with future patients. This text's logical organization guides students from theory and basic principles to practical skills development to the application of those skills in everyday encounters. Sample dialogues show students how to effectively communicate, and practical exercises fine tune their communication skills in dealing with a variety of sensitive situations that arise in pharmacy practice.



Belitz, H.-D.; Grosch, W.; Schieberle, P. **Food chemistry.** 4th rev. and extended ed. Berlin : Springer, 2009.

For more than two decades, this work has remained the leading advanced textbook and easy-to-use reference on food chemistry and technology. Its fourth edition has been extensively re-written and enlarged, now also covering topics such as BSE detection or acrylamide. Food allergies, alcoholic drinks, or phytosterols are now treated more extensively. Proven features of the prior editions are maintained: Contains more than 600 tables, almost 500 figures, and about 1100 structural formulae of food components - Logically organized according to food constituents and commodities - Comprehensive subject index. These features provide students and researchers in food science, food technology, agricultural chemistry and nutrition with in-depth insight into food chemistry and technology. They also make the book a valuable on-the-job reference for chemists, food chemists, food technologists, engineers, biochemists, nutritionists, and analytical chemists in food and agricultural research, food industry, nutrition, food control, and service laboratories.

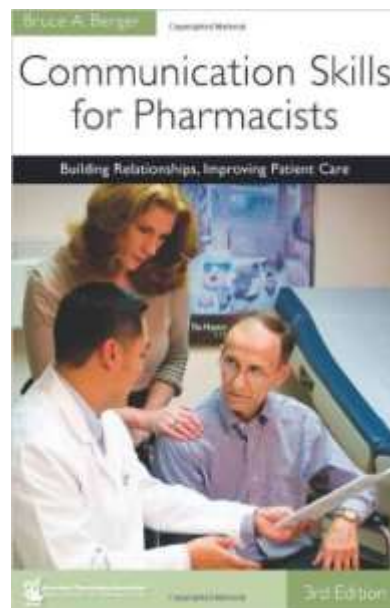


Bencarić, Lajla. **Registar lijekova u Hrvatskoj.** Zagreb : Udruga poslodavaca u zdravstvu, 2014.



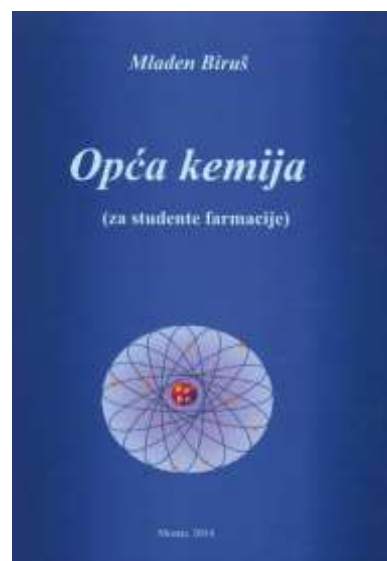
Berger, Bruce A. **Communication skills for pharmacists : building relationships, improving patient care.** 3rd ed. Washington : American Pharmacists Association, 2009.

Communication skills for pharmacists: building relationships, improving patient care, third edition, includes new material that will help student pharmacists and practicing pharmacists develop the communication skills they need for providing high-quality care. The 15 chapters from the 2nd edition cover key communication skills for pharmacists: listening and empathic responding, supportive communication, persuasive communication, assertiveness, management of conflicts, help for patients to accept the behavior changes needed to manage their illness, and ways to become culturally competent to provide quality care for all patients. A new chapter tells how to communicate about sensitive topics that patients may find difficult to discuss because of embarrassment, cultural beliefs, or fear of social stigma. Another new chapter describes how limited literacy or limited health literacy can affect patient outcomes and how pharmacists can identify and help overcome such limitations in their patients. Expansion of the chapter on managing change emphasizes the use of motivational interviewing. Dozens of examples share good and bad pharmacist patient and pharmacist physician dialogues. Guidelines tell how to contact, build rapport with, and discuss drug-related problems with a physician.



Biruš, Mladen. **Opća kemija.** Mostar : Sveučilište u Mostaru, Farmaceutski fakultet, 2014.

Autor je vrlo dobro odabrao opseg i vrstu gradiva opće kemije koja je potrebna studentima biomedicinskog fakulteta s područja farmacije za razumijevanje drugih predmeta na višim godinama. Uz tekst je navedeno dosta dodatnih sadržaja koji mogu poslužiti zainteresiranim studentima za produbljenje znanja. Gradivo je dobro prezentirano i s dosta primjera koji olakšavaju razumijevanje teksta iz čega se vidi dugogodišnje autorovo iskustvo u predavanju opće kemije.



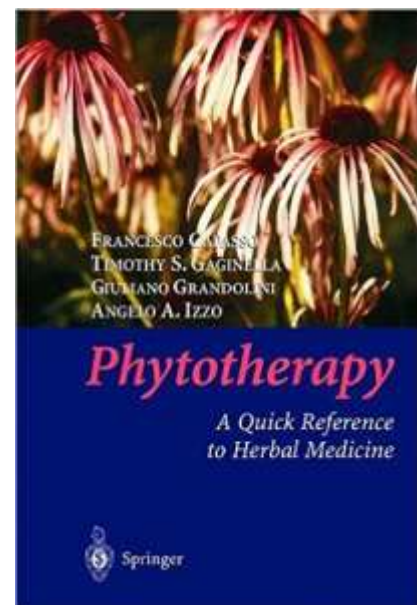
British national formulary. BNF 68 (September 2014 - March 2015).
London : Royal Pharmaceutical Society, 2014.

Nobody working in healthcare can afford to be without the latest edition of the *British national formulary*. Compiled with the advice of clinical experts and continually updated to reflect the latest evidence from all credible sources worldwide, this essential reference provides up-to-date guidance on prescribing, dispensing, administering, and monitoring medicines. Not only does the BNF include the widely accepted framework for the drug management of common diseases, it also includes details of medicines prescribed in the UK, with special reference to their uses, cautions, contraindications, side-effects, dosage and relative costs. This allows treatment to be tailored to the individual needs of each patient. The BNF is updated in print every six months by an expert team of pharmacists, with guidance and validation from a network of leading clinicians, overseen by a Joint Formulary Committee with representatives from all spheres of clinical practice. The BNF reflects current best practice as well as legal and professional guidelines relating to the use of medicines. As a result it is used widely as a touchstone reference, and cited in Parliaments and courts as a source of authority.



Capasso, Francesco ... [et al.]. **Phytotherapy : a quick reference to herbal medicine**. Berlin : Springer, 2003.

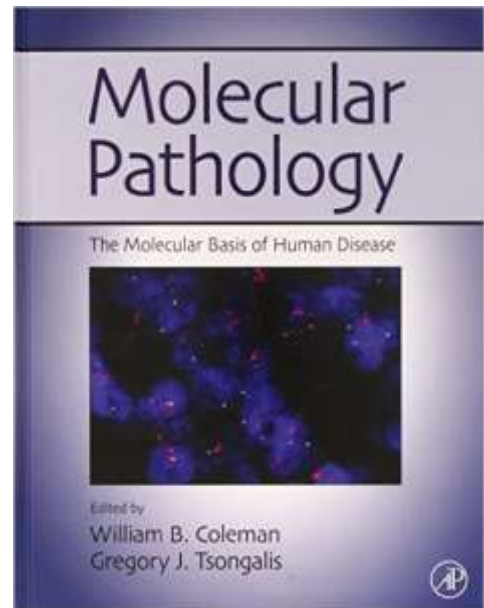
This richly illustrated reference guide treats the subject of herbal medicines in an integrated fashion with reference to pharmacognosy, pharmacology and toxicology. It will help to enable internists, phytotherapists, physicians, healthcare practitioners as well as students to understand why, when and how herbal medicines can be used in the treatment of diseases. A great deal of pathology and therapeutic information is also included. Numerous tables as well as figures clarify complex mechanisms and other information. The most important medicinal plants and drugs are illustrated with exceptional color plates.



Coleman, William B.; Tsongalis, Gregory J. (eds.). **Molecular pathology : the molecular basis of human disease**. Amsterdam [etc.] : Elsevier, 2009.

Molecular pathology: the molecular basis of human disease provides a current and comprehensive view of the molecular basis and mechanisms of human disease. Combining accepted principles with broader theoretical concepts and with contributions from a group of experts, the book looks into disease processes in the context of traditional pathology and their implications for translational molecular medicine. It also discusses concepts in molecular biology and genetics, recent scientific and technological advances in modern pathology, the concept of "molecular pathogenesis" of disease, and how disease evolves from normal cells and tissues due to perturbations in molecular pathways. The book describes the integration of molecular and cellular pathogenesis using a bioinformatics approach and a systems biology approach to disease pathogenesis. It also discusses current and future strategies in molecular diagnosis of human disease, and the impact of molecular diagnosis on treatment decisions and the practice of personalized medicine.

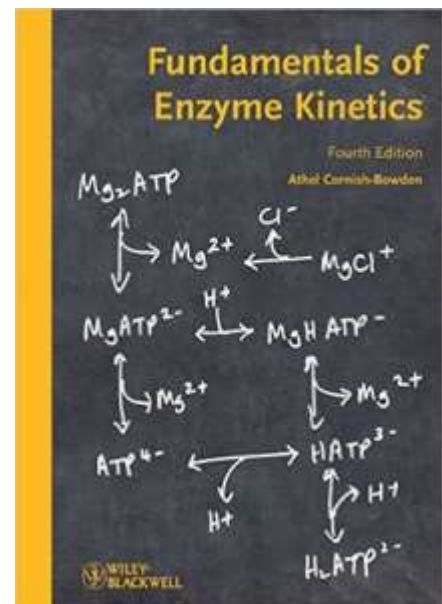
This book is a valuable resource for students, biomedical researchers, practicing physician-scientists who undertake disease-related basic science and translational research, and pathology residents and other postdoctoral fellows.



Cornish-Bowden, Athel. **Fundamentals of enzyme kinetics**. 4th ed. Weinheim : Wiley-Blackwell, 2012.

Now in its fourth edition, this textbook is one of the few titles worldwide to cover enzyme kinetics in its entire scope and the only one to include its implications for bioinformatics and systems biology. Multi-enzyme complexes and cooperativity are therefore treated in more detail than in any other textbook on the market.

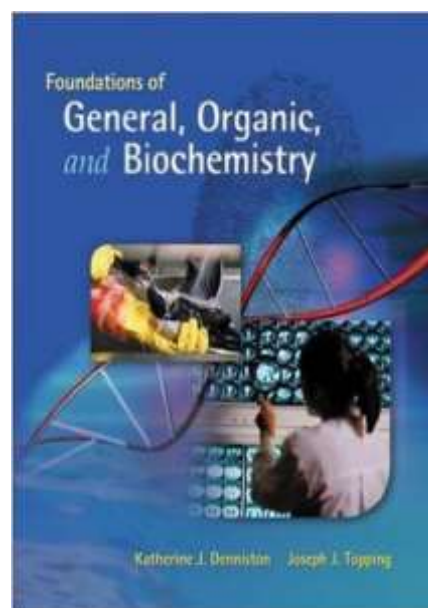
The respected and well known author is one of the most experienced researchers into the topic and writes with outstanding style and didactic clarity. As with the previous editions, he presents here steady-state kinetics and fast reactions, supplementing each chapter with problems and solutions.



Denniston, Katherine J.; Topping, Joseph J. **Foundations of general, organic, and biochemistry**. Boston [etc.] : McGraw Hill Higher Education, 2008. (SABRE donacija)

This new *Foundations of general, organic, and biochemistry* is designed to help undergraduate, health and science-related majors, understand key concepts and appreciate the significant connections between chemistry, health, disease, and the treatment of disease. *Foundations*, just like its parent text, strikes a balance between theoretical and practical chemistry, while emphasizing material that is unique to health-related studies.

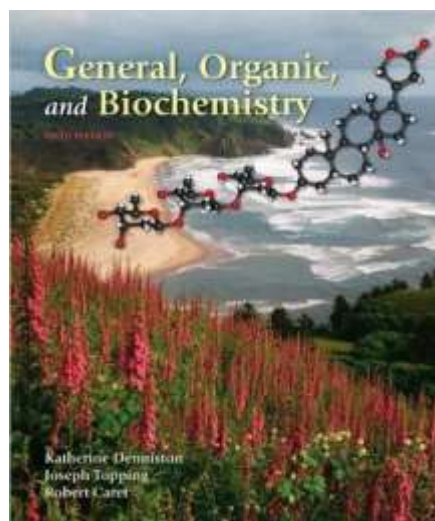
Foundations of general, organic, and biochemistry is designed for the one-semester, or two-semester, allied health chemistry course. This text has an easy-to-follow problem-solving approach, vivid illustrations, and engaging applications including timely *Chemistry at the crime scene* applications with *For further understanding* questions that follow to help the students think through what they just read. The art program, engaging and thought-provoking questions, problems, and discussion topics make this book appealing to students and instructors alike.



Denniston, Katherine J.; Topping, Joseph J.; Caret, Robert L. **General, organic, and biochemistry**. 6th ed. Boston [etc.] : McGraw Hill Higher Education, 2008. (SABRE donacija)

The sixth edition of *General, organic, and biochemistry* is designed to help undergraduate health-related majors, and students of all other majors, understand key concepts and appreciate the significant connections between chemistry, health, disease, and the treatment of disease. This text continues to strike a balance between theoretical and practical chemistry, while emphasizing material that is unique to health-related studies. The text has been written at a level intended for students whose professional goals do not include a mastery of chemistry, but for whom an understanding of the principles and practice of chemistry is a necessity.

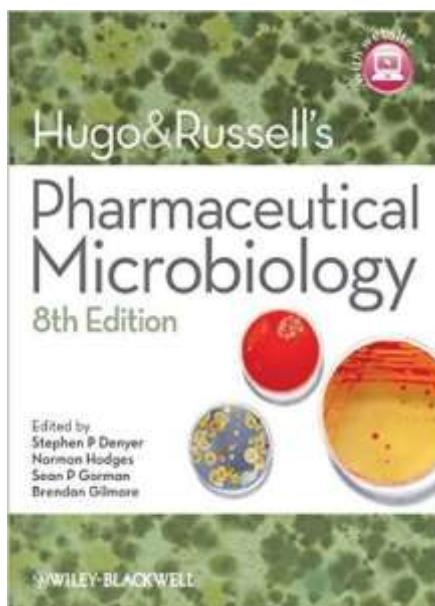
Designed for the one- or two-semester course, this text has an easy-to-follow problem-solving pedagogy, vivid illustrations, and engaging applications.



Denyer, Stephen P. ... [et al.] (eds.). **Hugo & Russell's pharmaceutical microbiology**. 8th ed. Chichester, West Sussex : Wiley-Blackwell, 2011.

Pharmaceutical microbiology has a bearing on all aspects of pharmacy, from the manufacture and quality control of pharmaceutical products through to an understanding of the mode of action of antibiotics.

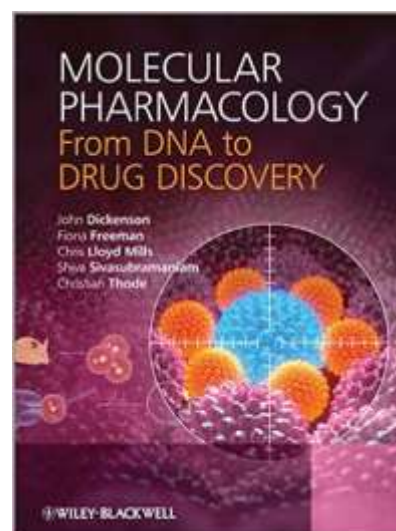
Fully revised and restructured, drawing on the contributions of subject experts, and including material relevant to the European curricula in pharmacy, the eighth edition covers: biology of micro-organisms, pathogens and host response, prescribing therapeutics, contamination and infection control, pharmaceutical production, current trends and new directions. *Hugo and Russell's pharmaceutical microbiology*, a standard text for Schools of Pharmacy for seven editions, continues to be a user-friendly and authoritative guide for both students and practitioners of pharmacy and pharmaceutical microbiology.



Dickenson, John ... [et al.]. **Molecular pharmacology : from DNA to drug discovery**. New York : Wiley-Blackwell, 2013.

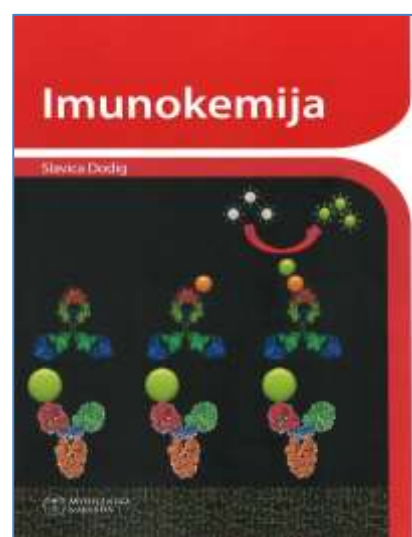
This textbook provides a fresh, comprehensive and accessible introduction to the rapidly expanding field of molecular pharmacology. Adopting a drug target-based, rather than the traditional organ/system based, approach this innovative guide reflects the current advances and research trend towards molecular based drug design, derived from a detailed understanding of chemical responses in the body. Drugs are then tailored to fit a treatment profile, rather than the traditional method of "trial and error" drug discovery which focuses on testing chemicals on animals or cell cultures and matching their effects to treatments.

Providing an invaluable resource for advanced under-graduate and MSc/PhD students, new researchers to the field and practitioners for continuing professional development, *Molecular pharmacology* explores recent advances and developments in the four major human drug target families (G-protein coupled receptors, ion channels, nuclear receptors and transporters), cloning of drug targets, transgenic animal technology, gene therapy, pharmacogenomics and looks at the role of calcium in the cell.



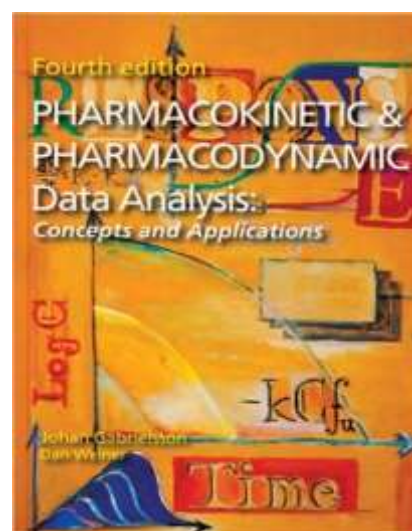
Dodig, Slavica. **Imunokemija**. Zagreb : Medicinska naklada, 2015.

Ovaj je udžbenik plod dugogodišnjeg autoričina iskustva nastave iz imunokemije na Studiju medicinske biokemije na Farmaceutsko – biokemijskom fakultetu Sveučilišta u Zagrebu. Namijenjen je i prilagođen studentima medicinske biokemije kao polazište za stjecanje osnovnih znanja iz imunokemije – o strukturi, funkcijama i međureakcijama antigena i protutijela, proizvodnji specifičnih reagensa, načelima i osobitostima imunokemijskih metoda te sažetog prikaza kliničke primjene tih metoda. Namjera ovog udžbenika je obuhvatiti temeljna znanja potrebna kompetentnom stručnjaku iz medicinske biokemije i laboratorijske medicine da bi mogao biti sudionikom u interpretaciji rezultata kvalitetno provedenih analiza za svakoga pojedinog bolesnika. Udžbenik će poslužiti i ostalim studentima s područja kemije, biokemije i biomedicine u diplomskoj i poslijediplomskoj studiju.



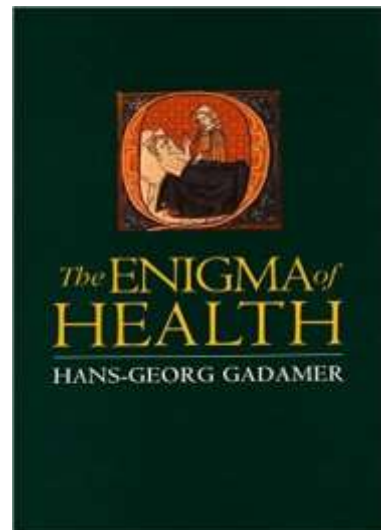
Gabrielsson, Johan; Weiner, Dan. **Pharmacokinetic [and] pharmacodynamic data analysis : concepts and applications**. 4th ed., revised and expanded. Stockholm : Swedish Pharmaceutical Press, 2010.

According to a review in the European journal of pharmaceutical science, this book raises the stature of PK/PD modeling to its highest level. This "essential" professional resource is regarded as the most comprehensive and practical guide to the design, analysis, and interpretation of kinetic and dynamic experiments. It provides the expertise needed to resolve commonly appearing problems with a pedagogic yet accessible approach. For many years a staple in both undergraduate and graduate classrooms, this updated edition adds new case studies to support basic concepts in PK/PD.



Gadamer, Hans-Georg. **The enigma of health : the art of healing in a scientific age**. Cambridge : Polity Press, 2004.

In this important new book, Hans-Georg Gadamer discusses the transformation in human self-understanding wrought by the scientific worldview, focusing in particular on the unparalleled achievements of modern medicine. He explores the ethical and humanist issues raised by the technological successes of modern clinical practice, and relates them to the classical conception of "praxis" in the philosophical tradition. In a series of lucid and engaging analyses, Gadamer eloquently defends the idea of medicine, not only as a "science of health, but as an "art" of hermeneutic relevance, requiring the exercise of practical judgment and personal interpretation. We should, he argues, recognize the limits of purely technical approach to healing, as well as the importance of a qualitative approach to medical treatment. Written by one of the leading philosophers of the twentieth century, this brilliant meditation on health, illness, and the art of healing will be of interest to general readers as well as students of philosophy and social thought.



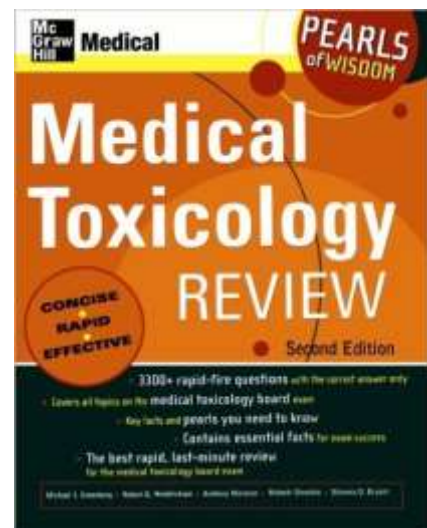
Grdinić, Vladimir; Portolan, Mate. **Ljekarna Splitsko-dalmatinske županije : monografija u povodu pedesete obljetnice osnutka Gradske ljekarne Split i tristote obljetnice osnutka najstarije Ljekarne u Splitu**. Split : Ljekarna Splitsko-dalmatinske županije Medika d. d., 2013.

Ova monografija, svojevrsna spomenknjiga podsjetit će nas u prvome redu na 50. obljetnicu Gradske Ljekarne Split, ali to je ujedno i prigoda prikazati ne samo sadašnje stanje ustanove Ljekarna Splitsko-dalmatinske županije koja je baštinik Gradske Ljekarne Split nego i srednjodalmatinsko Ljekarništvo, njegovu tradiciju od Ljekarničkih početaka do niza podataka o Ljekarništvu splitskoga užeg gravitacijskog područja u prostoru od Trogira do Omiša, srednjodalmatinskih otoka i kopnenog zaleđa. Ta je i takva građa iznesena u većem broju poglavlja, koja zajedno čine zanimljivu povijesno-stručnu cjelinu, a nedostajala je u farmaceutskoj literaturi. Naime, ovom će knjigom hrvatski ljekarnici prvi put dobiti cjelovit uvid u povijest i razvoj ljekarništva u Dalmaciji.



Greenberg, Michael I. ... [et al.]. **Medical toxicology review**. 2nd ed. New York [etc.] : McGraw-Hill, 2006.

The *Medical toxicology review* volume in the acclaimed *Pearls of wisdom* series is your most effective weapon in preparing for the medical toxicology board exams. This rapid, effective review ensures your best possible performance on the exam in the shortest possible study time. There is no easier or faster way to guarantee that you perform your best.



Hanlon, Geoffrey; Hodges, Norman. **Essential microbiology for pharmacy and pharmaceutical sciences**. Chichester, West Sussex : Wiley-Blackwell, 2013.

This text is an essential study guide for undergraduates studying microbiology modules on degree courses in pharmacy and the pharmaceutical sciences. Written by two pharmacists each with over 30 years experience of teaching, research and publishing in pharmaceutical microbiology, it distills the subject down into the essential elements that pharmacists and pharmaceutical scientists need to know in order to practice their profession, and it covers all the microbiology components of the Royal Pharmaceutical Society's indicative syllabus that is at the heart of every UK pharmacy degree.

Much of the applied microbiology that a pharmacist or pharmaceutical scientist needs to know is unique: topics like the manufacture of microbiologically sterile medicines and their subsequent protection against microbial contamination and spoilage, the detection of hazardous microorganisms in medicines and antibiotics' manufacture and assay are all covered here. Essential microbiology for pharmacy and pharmaceutical science displays material in an easy to-digest format and concepts are explained using diagrams, tables and pictures wherever possible. The book contains an extensive self-assessment section that includes typical multiple choice, short answer and essay-style examination questions, and a companion website to further test your knowledge from a selection of questions along with further links to relevant sites.



Herak, Janko (ur.). **Ugledni hrvatski znanstvenici u svijetu = Distinguished Croatian scientists in the world : sedmi dio**. Zagreb : Hrvatsko-američko društvo, 2014.

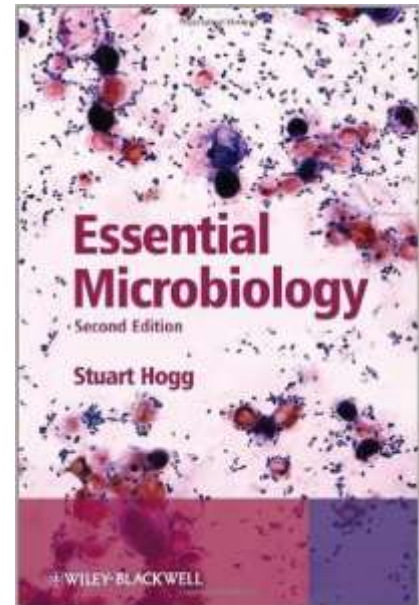
Ugledni hrvatski znanstvenici u svijetu, VII. dio, zbirka je od deset stručnih studija iz riznice hrvatskoga prirodoslovlja te iz područja mikroznosti i nanoznanosti te suvremene tehnologije. Sedmu knjigu, na 262 stranice, objavilo je Hrvatsko-američko društvo. Suradnička ustanova je Hrvatska matica iseljenika, koja na Herakovu knjižnome nizu o uglednim znanstvenicima koji djeluju u planetarnim centrima izvrsnosti sudjeluje od samoga početka 1997. godine. Predgovor je napisao urednik Janko Herak. Matematičar prof. dr. Hrvoje Šikić autor je dviju prvih studija koje se bave slavnim hrvatskim matematičarima iz SAD-a. Prva je posvećena Splitsčaninu Jakši Cvitančiću, a druga Zagrepčaninu Mladenu Viktoru Wickerhauseru. Fizičarka prof. dr. Ana Smontara i dr. Janko Herak napisali su studiju pod naslovom »Davor Pavuna - život s fizikom i gitarom«. Prof. dr. Krešimir Pavlovski napisao je studiju posvećenu znamenitom astronomu čiji je znanstveni opus nastao u Austriji pod naslovom »Dragutin Rakoš - astronom i rodoljub«. Fizičar dr. Hrvoje Buljan napisao je studiju pod naslovom »Marin Soljačić - znanstveno putovanje od MIOC-a do MIT-a«. Akademik Leo Klasinc napisao je studiju o slavnom kemičaru Branku Rušičiću s američkom adresom. Dr. Eugene Turner napisao je studiju pod naslovom »Dubravko Justić, oceanolog i ekolog«. Farmaceut prof. dr. Nikola Kujundžić autor je studije pod naslovom »Eugen Koren - znanstvenik u biomedicini i inovator u biotehnologiji«. Dr. Zoran Mrša s Riječkoga sveučilišta autor je studije posvećene mladoj riječkoj znanstvenoj zvijezdi s američkom adresom dr. Igoru Meziću. Akademik Stanko Popović autor je studije pod naslovom »Nikola Tesla, znanstvenik i izumitelj - otkriće X-zraka« pisanoj u prigodi sedamdesete obljetnice smrti čovjeka čiji je genijalni um rasvijetlio svijet.



Hogg, Stuart. **Essential microbiology**. 2nd ed. Chichester, West Sussex : Wiley-Blackwell, 2013.

Essential microbiology, 2nd edition, is a fully revised comprehensive introductory text aimed at students taking a first course in the subject. It provides an ideal entry into the world of microorganisms, considering all aspects of their biology (structure, metabolism, genetics), and illustrates the remarkable diversity of microbial life by devoting a chapter to each of the main taxonomic groupings. The second part of the book introduces the reader to aspects of applied microbiology, exploring the involvement of microorganisms in areas as diverse as food and drink production, genetic engineering, global recycling systems and infectious disease.

Essential microbiology explains the key points of each topic but avoids overburdening the student with unnecessary detail. Now in full colour it makes extensive use of clear line diagrams to clarify sometimes difficult concepts or mechanisms. A companion web site includes further material including MCQs, enabling the student to assess their understanding of the main concepts that have been covered. This edition has been fully revised and updated to reflect the developments that have occurred in recent years and includes a completely new section devoted to medical microbiology. Students of any life science degree course will find this a concise and valuable introduction to microbiology.



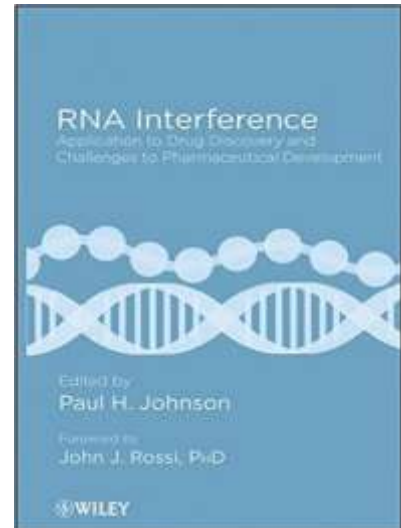
Jalšovec, Dubravko. **Sustavna i topografska anatomija čovjeka**. Zagreb : Školska knjiga, 2005.

Knjiga redosljedom izlaganja prati nastavu Kolegija anatomije čovjeka za studente medicinskog fakulteta. Najveći dio sadržava anatomiju čovjeka prema regijama, navodeći strukture i organe svake od njih, njihovu građu i međusobne odnose, te komunikacije i komunikacijske strukture prikazane regije sa susjednim regijama.



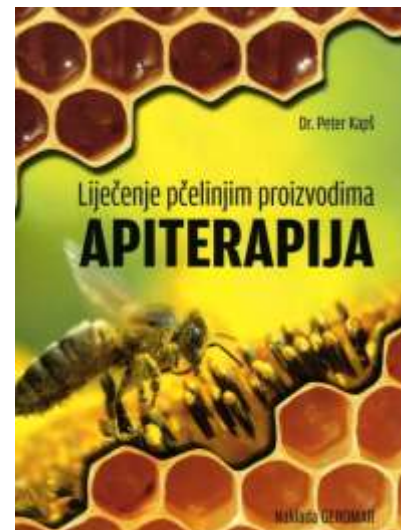
Johnson, Paul H. (ed.). **RNA interference : application to drug discovery and challenges to pharmaceutical development**. New Jersey : Wiley, 2011.

RNA interference: application to drug discovery and challenges to pharmaceutical development provides a general overview of this rapidly emerging field, with a strong emphasis on issues and aspects that are important to a drug development team. The first part covers more general background of RNA interference and its application in drug discovery. In the second part, the book addresses siRNA (small interfering RNA), a pharmaceutically potent form, and its use and delivery in therapeutics along with manufacturing and delivery aspects.



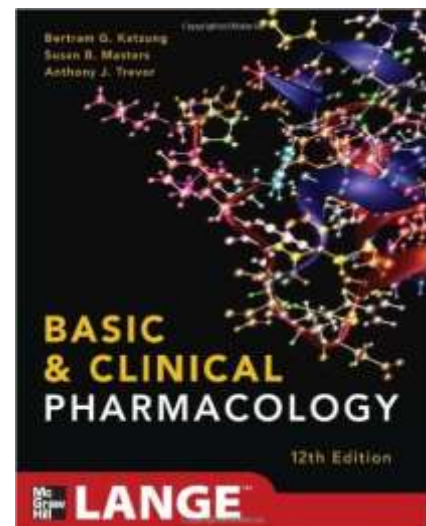
Kapš, Peter. **Liječenje pčelinjim proizvodima : apiterapija**. Bestovje, Zagreb : Geromar d.o.o. Udruga Dobar život, 2013.

Dr. Kapš zastupa stajalište da su pčelinji proizvodi sredstva komplementarnoga liječenja, visoke vrijednosti i u sprječavanju bolesti, zbog dokazanog poticaja imunom sustavu, odnosno kao terapija koja se uzima uz onu popisane unutar konvencionalne medicine, gdje pospješuje tijek liječenja i primjene farmaceutičkih pripravaka. Ovaj zdravstveni priručnik sastoji se od dva dijela. U prvom se razmatra povijest primjene pčelinjih proizvoda – apiterapije, te se detaljno opisuju istraživanja o svojstvima i ljekovitoj primjeni meda, propolisa, peluda, matične mliječi, voska i pčelinjeg otrova, uz konkretne naputke kako se provodi terapija. U drugom dijelu autor opisuje preporučene tretmane u poglavljima po kategorijama različitih bolesti. U posebnim su tako poglavljima obrađene simptomi, dijagnostika, liječenje i apiterapija kod bolesti dišnog sustava, srca i krvotvornih organa, probavnog sustava, šećerne bolesti, debljine, organa za mokrenje, zglobova i kostiju, krvi i krvotvornih organa, kožnih bolesti, otvorenih rana i trovanja, uz dodatak o primjeni pčelinjih proizvoda u kozmetici. Kazalom je obuhvaćeno 330 različitih bolesti, što je samo dio bogate građe, zapravo bogatog liječničkog i pčelarskog iskustva dr. Petera Kapša.



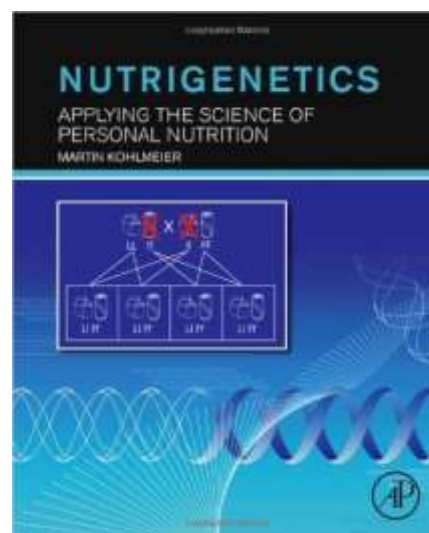
Katzung, Bertram G.; Masters, Susan B.; Trevor, Anthony J. (eds.). **Basic [and] clinical pharmacology**. 12th ed. New York [etc.] : McGraw Hill Medical, 2012.

Organized to reflect the syllabi in many pharmacology courses and in integrated curricula, *Basic & clinical pharmacology, 12e*, covers the important concepts students need to know about the science of pharmacology and its application to clinical practice. Selection of the subject matter and order of its presentation are based on the authors' many years experience in teaching this material to thousands of medical, pharmacy, dental, podiatry, nursing, and other health science students. To be as clinically relevant as possible, the book includes sections that specifically address the clinical choice and use of drugs in patients and the monitoring of their effects, and case studies that introduce clinical problems in many chapters. Presented in full color and enhanced by more than three hundred illustrations, *Basic & clinical pharmacology* features numerous summary tables and diagrams that encapsulate important information.



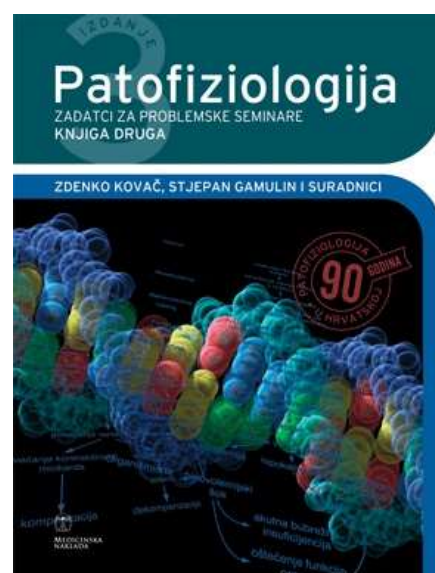
Kohlmeier, Martin. **Nutrigenetics : applying the science of personal nutrition**. Amsterdam [etc.] : Academic Press, 2013.

Nutrigenetics: applying the science of personal nutrition provides a fully referenced, readable guide to understanding the rationale and importance of nutrigenetic applications and explains why single nutrition recommendations will not fit everybody or even a majority of modern humans. This book explains how genetic variation shapes individual nutrition requirements and sensitivities, presents questions to ask about reported gene-nutrient interactions, and what needs to be done before putting nutrigenetic tests to practical use. This book blends key concepts from the fields of genetics, biochemistry, epidemiology, public health, and clinical medicine to give a rich perspective on the genetically diverse nutritional needs and sensitivities of individuals in health and disease.



Kovač, Zdenko; Gamulin, Stjepan i sur. **Patofiziologija : knjiga druga : zadaci za problemske seminare**. 3., obnovljeno izd. Zagreb : Medicinska naklada, 2011.

Zadaci za problemske seminare u ovoj knjizi pisani su jednoobrazno a sastoje se od četiri dijela. Zadatak čine prikaz problema (izvod iz povijesti bolesti, eksperimentalni podatci, krivulje, tablice i drugo), činjenična raščlamba (repetitorij rješavanjem testa o prikazanom problemu), algoritamska razradba patogeneze (oblikovanje algoritma od zadanih pojmova koji stoje u uzročno-posljedičnom odnosu i strukturiraju sljedove procesa) te povratna doradba problema (u kojoj se obrađuju sistematizacijski, kvantitativni i drugi aspekti problema). Svaki dio zadatka pridonosi cjelovitom razumijevanju problema i obogaćuje tematiku važnim detaljima. Četiri dijela zadatka predstavljaju radnu matricu kroz koju student usvaja gradivo aktivnim oblikovanjem tijeka procesa, rješavanjem međudnosa tvrdnji, te analizom izabranih kvantitativnih aspekata. Memoriranje relevantnih činjenica i koncepata olakšano je i proizlazi kao prirodni proces iz ponavljanja i integracije gradiva koje se obrađuje s različitih gledišta.



Kujundžić, Nikola. **Velika sinjska ljekaruša : obrada, transliteracija i faksimil**. Zagreb : Farmaceutsko-biokemijski fakultet Sveučilišta u Zagrebu, Hrvatska akademija znanosti i umjetnosti, Ogranak Matice hrvatske Sinj, 2014.

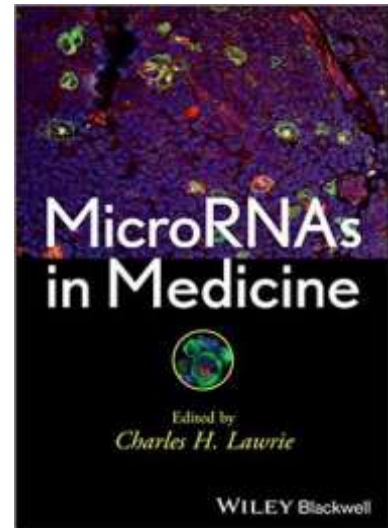
U knjizi je opisan i objavljen za javnost rukopis ljekaruše nepoznatog autora iz sredine 18. stoljeća, čija je kopija pohranjena na Odsjeku za povijest medicinskih znanosti Zavoda za povijest i filozofiju znanosti Hrvatske akademije znanosti i umjetnosti, te čija se transliteracija iz bosančice u latinicu, koju je priredio fra Stanko Petrov, nalazi u arhivu Franjevačkog samostana u Sinju.



Lawrie, Charles H. (ed.). **MicroRNAs in medicine**. New Jersey : Wiley Blackwell, 2014.

MicroRNAs in medicine provides an access point into the current literature on microRNA for both scientists and clinicians, with an up-to-date look at what is happening in the emerging field of microRNAs and their relevance to medicine. Each chapter is a comprehensive review, with descriptions of the latest microRNA research written by international leaders in their field. Opening with an introduction to what microRNAs are and how they function, the book goes on to explore the role of microRNAs in normal physiological functions, infectious diseases, non-infectious diseases, cancer, circulating microRNAs as non-invasive biomarkers, and finally their potential as novel therapeutics.

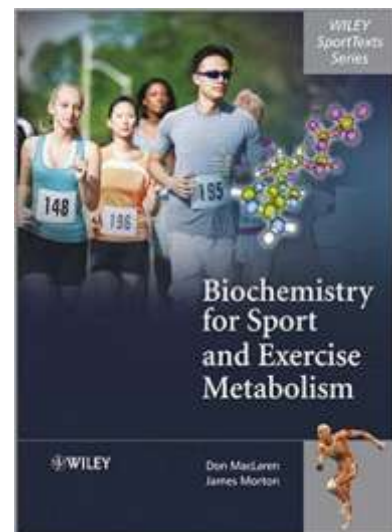
Including background information on the field as well as reviews of the latest research breakthroughs, *MicroRNAs in Medicine* is a one-stop source of information to satisfy the specialists and non-specialists alike, appealing to students, researchers, and clinicians interested in understanding the potential of microRNAs in medicine and research.



MacLaren, Don; Morton, James. **Biochemistry for sport and exercise metabolism**. Chichester : Wiley-Blackwell, 2012.

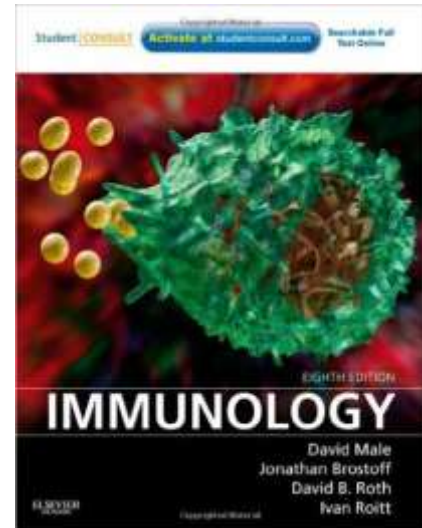
How do our muscles produce energy for exercise and what are the underlying biochemical principles involved? These are questions that students need to be able to answer when studying for a number of sport related degrees. This can prove to be a difficult task for those with a relatively limited scientific background. *Biochemistry for sport and exercise metabolism* addresses this problem by placing the primary emphasis on sport, and describing the relevant biochemistry within this context.

The book opens with some basic information on the subject, including an overview of energy metabolism, some key aspects of skeletal muscle structure and function, and some simple biochemical concepts. It continues by looking at the three macromolecules which provide energy and structure to skeletal muscle - carbohydrates, lipids, and protein. The last section moves beyond biochemistry to examine key aspects of metabolism - the regulation of energy production and storage. Beginning with a chapter on basic principles of regulation of metabolism it continues by exploring how metabolism is influenced during high-intensity, prolonged, and intermittent exercise by intensity, duration, and nutrition.



Male, David ... [et al.]. **Immunology**. 8th ed. [Philadelphia] : Elsevier, 2013.

Immunology, 8th edition, makes it easy for you to learn all the basic and clinical concepts you need to know for your courses and USMLEs. This medical textbook's highly visual, carefully structured approach makes immunology simple to understand and remember.

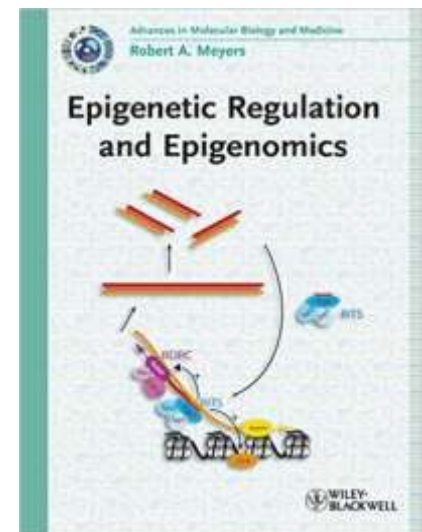


Meyers, Robert A. (ed.). **Epigenetic regulation and epigenomics : 2 volumes**. Weinheim : Wiley-Blackwell, 2012.

Epigenetics is a term in biology referring to heritable traits that do not involve changes in the underlying DNA sequence of the organism. Epigenetic traits exist on top of or in addition to the traditional molecular basis for inheritance. The "epigenome" is a parallel to the word "genome," and refers to the overall epigenetic state of a cell. Cancer and stem cell research have gradually focused attention on these genome modifications. The molecular basis of epigenetics involves modifications to DNA and the chromatin proteins that associate with it. Methylation, for example, can silence a nearby gene and seems to be involved in some cancers.

Epigenetics is beginning to form and take shape as a new scientific discipline, which will have a major impact on Medicine and essentially all fields of biology. Increasingly, researchers are unearthing links between epigenetics and a number of diseases.

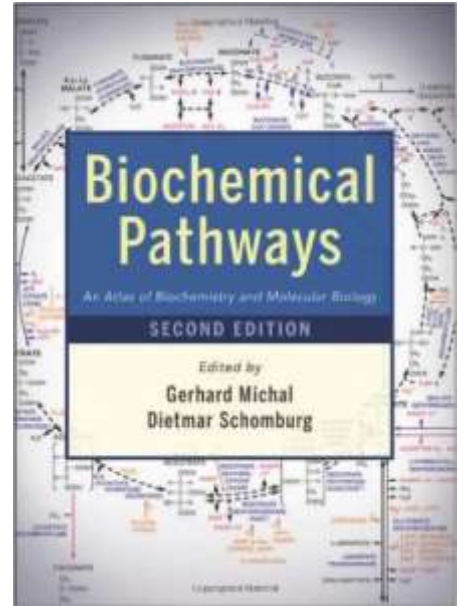
Although in recent years cancer has been the main focus of epigenetics, recent data suggests that epigenetic plays a critical role in psychology and psychopathology. It is being realized that normal behaviors such as maternal care and pathologies such as Schizophrenia and Alzheimer's might have an epigenetic basis. It is also becoming clear that nutrition and life experiences have epigenetic consequences.



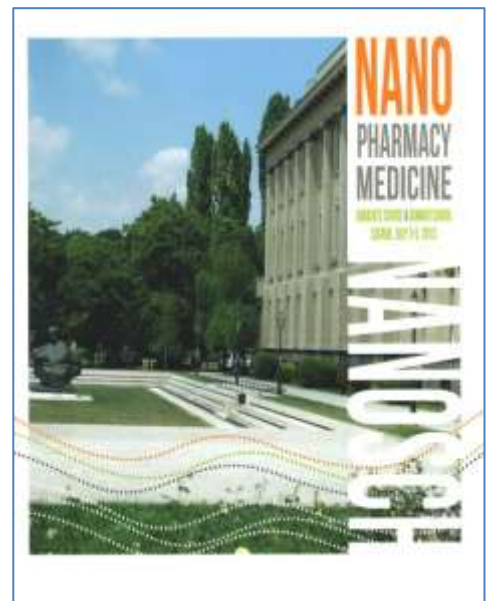
Michael, Gerhard; Schomburg, Dietmar (eds.). **Biochemical pathways : an atlas of biochemistry and molecular biology**. 2nd ed. New Jersey : Wiley, 2012.

Biochemical pathways examines the biochemistry of bacteria, plants, and animals. It offers a quick overview of the metabolic sequences in biochemical pathways, the chemistry and enzymology of conversions, the regulation of turnover, the expression of genes, the immunological interactions, and the metabolic background of health disorders. A standard set of conventions is used in all illustrations, enabling readers to easily gather information and compare the key elements of different biochemical pathways. In the second edition, the volume has been expanded by 50 percent. Text and figures have undergone a thorough revision and update, reflecting the tremendous progress in biochemical knowledge in recent years. A guide to the relevant biochemical databases facilitates access to the extensive documentation of scientific knowledge.

Biochemical pathways, second edition, is recommended for all students and researchers in such fields as biochemistry, molecular biology, medicine, organic chemistry, and pharmacology. The book's illustrated pathways aids the reader in understanding the complex set of biochemical reactions that occur in biological systems.



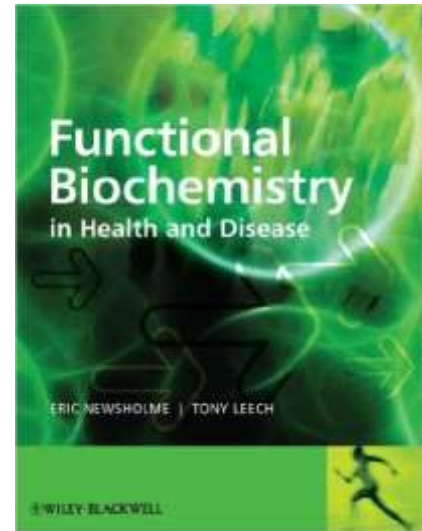
Nanotechnology in pharmacy [and] medicine : graduate course [and] summer school, Zagreb, Croatia, July 3-6, 2013 / [organization Faculty of Pharmacy and Biochemistry, Croatian Pharmaceutical Society]. [Zagreb : Farmaceutsko-biokemijski fakultet Hrvatsko farmaceutsko društvo, 2013].



Newsholme, Eric A.; Leech, Tony R.; Board, Mary. **Functional biochemistry in health and disease**. New Jersey : Wiley-Blackwell, 2010.

Functional biochemistry in health and disease provides a clear and straightforward account of the biochemistry that is necessary to understand the physiological functions of tissues or organs essential to the life of human beings. Focusing on the dynamic aspects of biochemistry and its application to the basic functions of the body, the book bridges the gap between biochemistry and medical practice.

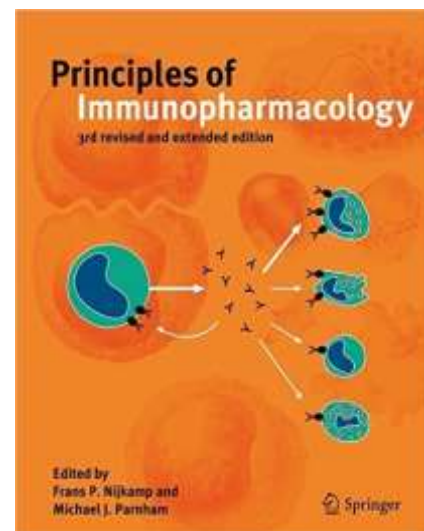
Carefully structured within five sections, each biochemical, physiological or medical subject that is covered in the book is presented in one complete chapter. Consequently, each subject can be read and studied in isolation although cross-sectional links between the subjects are included where necessary. Background material, both biochemical and medical, that is necessary for an understanding of the subject, is included at the start of each chapter and clear, relevant diagrams enhance students' understanding. By linking biochemistry, medical education and clinical practice this book will prove invaluable to students in medical and health sciences, biomedical science and human biology taking an introductory biochemistry course. In addition it will appeal to biochemistry and biology students interested in clinical applications of biochemistry.



Nijkamp, Frans P.; Parnham, Michael J. (eds.). **Principles of immunopharmacology**. 3rd ed. Basel : Springer, 2011.

This textbook provides a unique support in gaining essential knowledge on the immune response, its diagnosis and its modification by drugs and chemicals. The first section of the book, covering a basic introduction to immunology and its relevance for human disease, has been updated to accommodate new immunological concepts. The second section on immunodiagnostics has been further expanded to describe widely used molecular techniques and is followed by a systematic coverage of drugs affecting the immune system, revised to cover recent developments. The book concludes with a chapter on immunotoxicology.

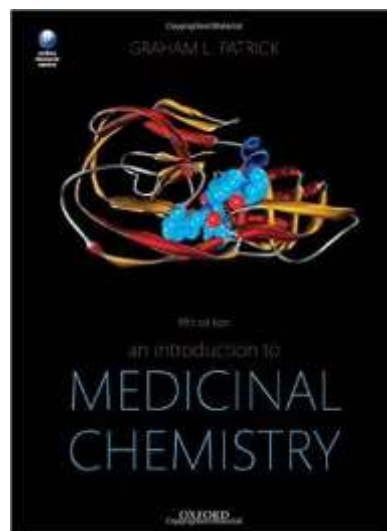
This third edition continues the unique format dealing with four related topics in a single volume, obviating the need to refer to several different textbooks. New aids to the reader include a two-column format, glossaries of technical terms and appendix reference tables. The emphasis on illustrations is maintained from the first edition.



Patrick, Graham L. **An introduction to medicinal chemistry**. 5th ed. Oxford : Oxford University Press, 2013.

An introduction to medicinal chemistry is the leading text for university courses on this subject. Renowned for being a textbook loved equally by both students and lecturers, it presents complete coverage in an accessible and engaging style.

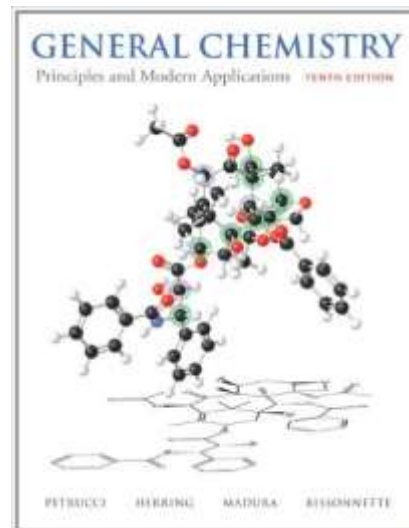
The text begins with the essential biochemistry on which an understanding of medicinal chemistry is built, introducing the structure and function of important drug targets. It then explores how drugs interact with the body and the consequences of those reactions. There is a section on general principles and strategies involved in discovering and designing new drugs, and another on useful 'tools of the trade'. The text ends with a contemporary look at specific topics within medicinal chemistry, for example, antiviral and anticancer agents; cholinergics and anticholinesterases; and antiulcer agents. Learning features throughout *An introduction to medicinal chemistry* help to unlock this fascinating subject. A glossary helps to familiarise the language of medicinal chemistry. Boxes present in-depth material and explore how concepts are applied in practice. Key points summarise sections within chapters, providing a basis for revision, and questions at the end of chapters and on the accompanying Online Resource Centre allow the reader to test their understanding and develop molecular modelling skills.



Petrucci, Ralph H. ... [et al.]. **General chemistry : principles and modern applications**. 10th ed. Toronto : Pearson Canada, 2011.

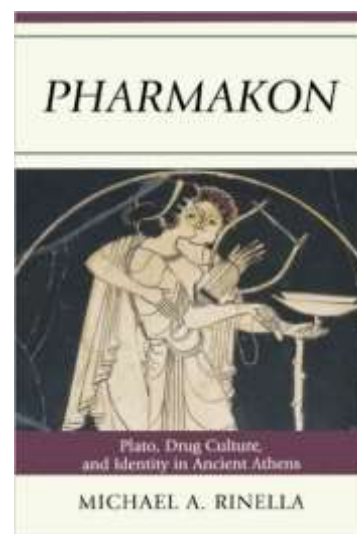
General chemistry: principles and modern applications is recognized for its superior problems, lucid writing, precision of argument, and precise and detailed treatment of chemistry. Its innovative pedagogical features, which encourage students to understand, apply, and synthesize content, reinforce the principles of general chemistry and provide the ideal platform for later studies.

The new tenth addition boasts a number of improvements, including expanded coverage of organic chemistry, as well as a consistent 3-part structure (Analyze – Solve – Assess) for every worked example. All of the student-favourite, pedagogically rich elements of this textbook have returned in the tenth edition with renewed focus, including 10 to 25 new questions per chapter and updated integrative examples that all follow the Practice Example A and Practice Example B format.



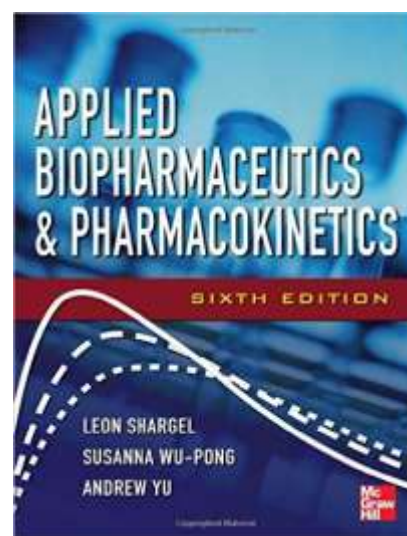
Rinella, Michael A. **Pharmakon : Plato, drug culture, and identity in ancient Athens**. Lanham [etc.] : Lexington Books, 2012.

Pharmakon traces the emergence of an ethical discourse in ancient Greece, one centered on states of psychological ecstasy. In the dialogues of Plato, philosophy is itself characterized as a pharmakon, one superior to a large number of rival occupations, each of which laid claim to their powers being derived from, connected with, or likened to, a pharmakon. Accessible yet erudite, *Pharmakon* is one of the most comprehensive examinations of the place of intoxicants in ancient thought yet written.



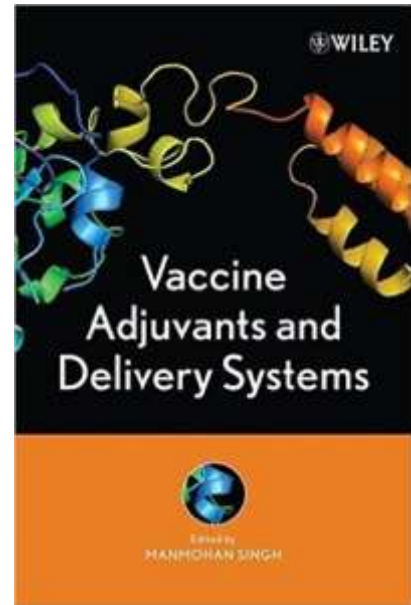
Shargel, Leon; Wu-Pong, Susanna; Yu, Andrew B. C. **Applied biopharmaceutics [and] pharmacokinetics**. 6th ed. New York [etc.] : McGraw Hill, 2012.

Applied biopharmaceutics & pharmacokinetics, sixth edition, provides you with a basic understanding of the principles of biopharmaceutics and pharmacokinetics and applies these principles to drug product development, drug product performance and drug therapy. The revised and updated sixth edition is unique in teaching basic concepts that relate to understanding the complex issues associated with safe and efficacious drug therapy. Practical problems and clinical examples with discussions are included in each chapter to help you apply these principles to patient care and drug consultation situations. Chapter Objectives, Chapter Summaries, and Frequently Asked Questions along with additional application questions appear within each chapter to identify and focus on key concepts. Most of the chapters have been revised to reflect our current understanding of drug product performance, bioavailability, bioequivalence, pharmacokinetics, pharmacodynamics, and drug therapy.



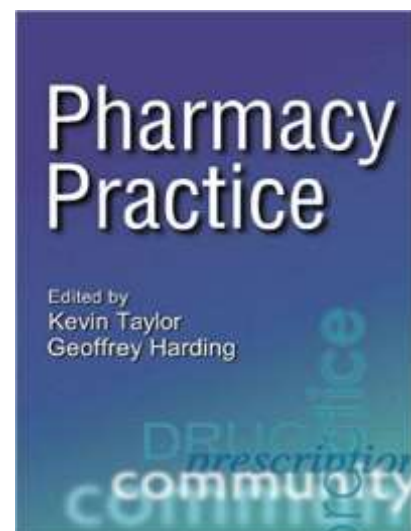
Singh, Manmohan (ed.). **Vaccine adjuvants and drug delivery systems**. Hoboken, New Jersey : Wiley-Interscience, 2007.

New technologies, including recombinant protein and DNA, have sparked phenomenal progress in vaccine development and delivery systems. This unique resource brings scientists up to date on recent advances and provides the information they need to select candidate adjuvants. With chapters written by leading experts in their fields, *Vaccine adjuvants and delivery systems*: provides a comprehensive overview of the rapidly evolving field and developing formulation methods; covers cutting-edge technologies and gives the current status of adjuvants in clinical trials and those still in the pre-clinical stage; includes detailed information on specific vaccine adjuvants, including MF59, TLR4 agonists, new iscoms, cytokines, polyphosphazenes, and more; provides a historical perspective on the development of vaccine adjuvants and discusses the mechanisms of adjuvant actions; covers some novel adjuvants and delivery systems and the safety evaluation of adjuvants. A great reference for researchers, scientists, and students in vaccinology, biotechnology, immunology, and molecular biology, this resource is also valuable for researchers and scientists in veterinary medicine who work to prevent diseases in animals.



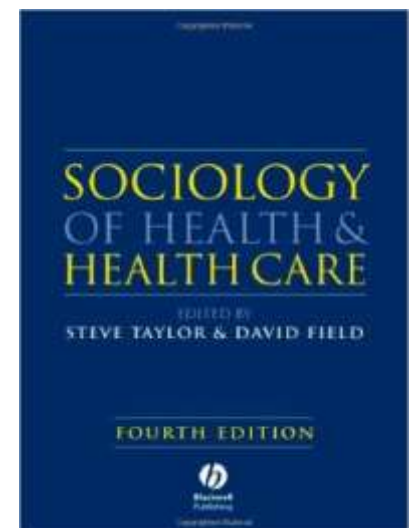
Taylor, Kevin M. G.; Harding, Geoffrey (eds.). **Pharmacy practice**. London, New York : Taylor & Francis, 2001.

Today's pharmaceutical services are patient-oriented rather than drug-oriented. This shift towards patient-centred care comes at a time when healthcare is delivered by an integrated team of health workers. Effective pharmacy practice requires an understanding of the social context within which pharmacy is practised, recognising the particular needs and circumstances of the users of pharmaceutical services and of pharmacy's place within health service provision. Designed for undergraduate and postgraduate pharmacists, *Pharmacy practice* provides a background to the social context of pharmacy including: the development of pharmacy practice; international dimensions of pharmacy practice; health, illness, and medicines use; professional practice; meeting the pharmaceutical care needs of specific populations; measuring and regulating medicines use, research methods, evaluation, audit and clinical governance.



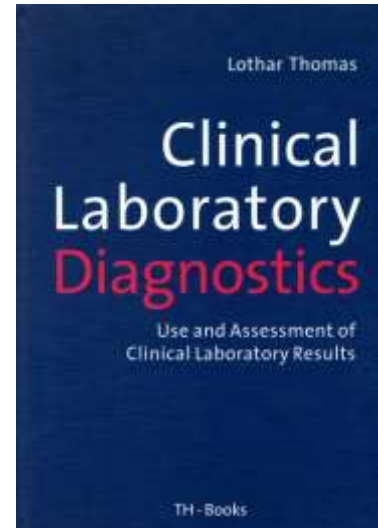
Taylor, Steve, Field, David (eds.). **Sociology of health and health care**. 4th ed. Oxford : Blackwell Publishing, 2007.

Sociology of health and health care is an essential textbook for all students of nursing and healthcare and is organised in four parts: the nature of sociology and sociological research; the social patterning of health and disease; the social aspects of illness and dying; and the organisation and delivery of health care. *Sociology of health and health care* explores the nature of sociology and sociological research and their application to health and health care. It explores the impact of current social contexts on health and healthcare and recent developments in healthcare policy and addresses their implications for nursing and inter-professional working. This fourth edition also examines new approaches to understanding social inequalities in health and experiences of chronic illness and dying.



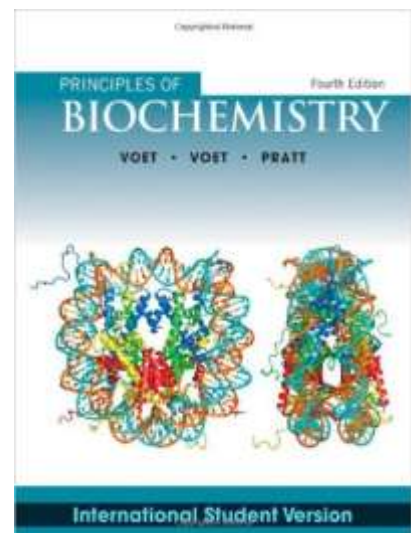
Thomas, Lothar (ed.). **Clinical laboratory diagnostics : use and assessment of clinical laboratory results**. Frankfurt : TH-Books Verlagsgesellschaft, 1998.

This is the first English edition of *Clinical laboratory diagnostics*, which has had five previous German editions dating from 1978. Unlike laboratory medicine in the US, laboratory medicine in Germany is considered a stand-alone medical discipline that is separate from pathology. Review of the table of contents of this book reveals some of these differences, which include decreased emphasis on hematopathology and greater emphasis on special fluid analysis as well as neurological and autoimmune diseases. In great detail, the authors describe the analysis of special fluids, the characteristics of cerebrospinal fluid in neurological diseases, and the serology of autoimmune diseases. In addition this book, unlike other traditional laboratory medicine textbooks, has a reference material section, which nicely compiles all the international reference materials in several tables. Together these particular features make *Clinical laboratory diagnostics* a unique laboratory medicine textbook. In all, a total of 113 clinical pathologists, clinical chemists, and clinicians contribute to 62 chapters.



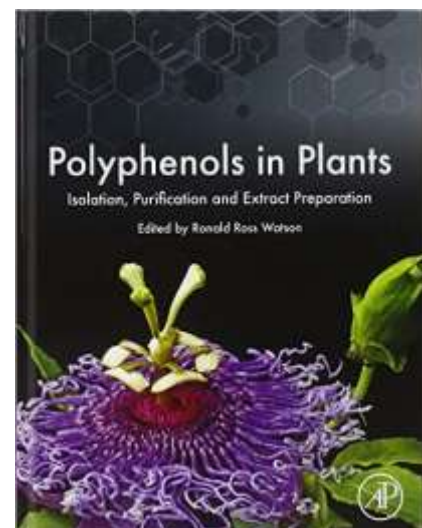
Voet, Donald; Voet, Judith G.; Pratt, Charlotte W. **Principles of biochemistry**. 4th ed., international student version. [Hoboken, N. J.] : John Wiley & Sons, 2013.

Voet and Pratt's 4th edition of *Principles of biochemistry*, challenges readers to better understand the chemistry behind the biological structure and reactions occurring in living systems. The latest edition continues this tradition, and additionally incorporates coverage of recent research and an expanded focus on preparing and supporting students throughout the course. With the addition of new conceptual assessment content to WileyPLUS, providing the opportunity to assess conceptual understanding of key introductory biochemistry concepts and retrain themselves on their misconceptions.



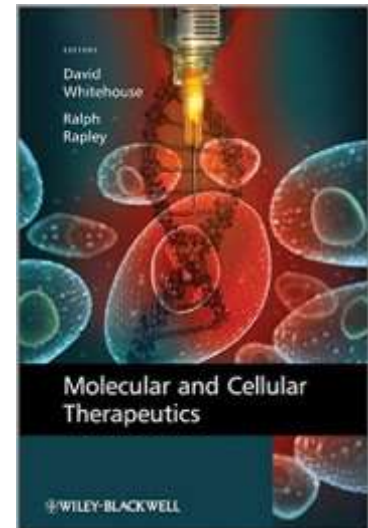
Watson, Ronald Ross (ed.). **Polyphenols in plants : isolation, purification and extract preparation**. Amsterdam [etc.] : Elsevier, 2014.

Polyphenols in plants assists plant scientists and dietary supplement producers in assessing polyphenol content and factors affecting their composition. It also aids in selecting sources and regulating environmental conditions affecting yield for more consistent and function dietary supplements. Polyphenols play key roles in the growth, regulation and structure of plants and vary widely within different plants. Stress, growth conditions and plant species modify polyphenol structure and content. This book describes techniques to identify, isolate and characterize polyphenols, taking mammalian toxicology into account as well.



Whitehouse, David; Rapley, Ralph (eds.). **Molecular and cellular therapeutics**. Oxford : Wiley-Blackwell, 2012.

Molecular and cellular therapeutics aims to bring together key developments in the areas of molecular diagnostics, therapeutics and drug discovery. The book covers topics including diagnostics, therapeutics, model systems, clinical trials and drug discovery. The developing approaches to molecular and cellular therapies, diagnostics and drug discovery are presented in the context of the pathologies they are devised to treat.



Skripta

Sučić, Mirna; Šoljić, Violeta. **Osnove histologije i citologije : skripta**. Zagreb : [s. n.], 2014.
