

## Fermented Foods: Part I : Biochemistry & Biotechnology

Format Hardback | 340 pages  
 Dimensions 156 x 235mm  
 Publication date 05 Jan 2016  
 Publisher Taylor & Francis Inc  
 Imprint Productivity Press  
 Publication City/Country Portland United States  
 Language English  
 Illustrations note 20 colour illustrations  
 ISBN10 1498740790  
 ISBN13 9781498740791



฿6,291.39

Traditional fermented foods are not only the staple food for most of developing countries but also the key healthy food for developed countries. As the healthy functions of these foods are gradually discovered, more high throughput biotechnologies are being used to promote the fermented food industries. As a result, the microorganisms, process biochemistry, manufacturing, and down-streaming processing, as well as the bioactive metabolites released by the fermenting organisms and, above all, the healthy functions of these foods were extensively researched. The application and progress of biotechnology and biochemistry of traditional fermented food systems are different from each other, as the microorganisms and the food matrices vary widely. Part I (Biochemistry and Biotechnology) of this book (Fermented Foods) discusses the general aspects of biochemistry and biotechnological application of fermented foods involving acetic acid bacteria, lactic acid bacteria, ethanolic yeasts, and fungi in accelerating the many and variable functional factors in the fermented foods as well as metagenomics of fermented foods. The detailed technological interventions involved in different categories of fermented foods such as fermented cereals (bread and sourdough), fermented milk products (yogurt, cheese), fermented sausages, fermented vegetables (kimchi, sauerkraut), fermented legumes (tempeh, natto) and coffee and cocoa fermentations, and fermented beverages (animal- and plant-based) with their potential and actual health benefits, are discussed in Part II (Fermented Foods: Technological Interventions).

## Integrative Human Biochemistry by Miguel A. R. B. Castanho

**Price 69,99€** Hardcover: 419 pages  
 Publisher: Springer; 1st ed. 2015 edition (October 11, 2015)  
 Language: English  
 ISBN-10: 1493930575  
 ISBN-13: 978-1493930579



This book covers in detail the mechanisms for how energy is managed in the human body. The basic principles that elucidate the reactivity and physical interactions of matter are addressed and quantified with simple approaches. Three-dimensional representations of molecules are presented throughout the book so molecules can be viewed as unique entities in their shape and function. The book is focused on the molecular mechanisms of cellular processes in the context of human

## Chemistry, Biochemistry and Pharmacology of Hydrogen Sulfide

Format Hardback | 395 pages

Dimensions 155.96 x 233.93 x 23.88mm | 766.57g

Publication date 17 Dec 2015

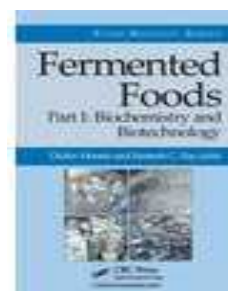
Publisher Springer International Publishing AG

Edition statement 2015 ed.

Illustrations note 145 black & white illustrations, 27 colour illustrations, biography

ISBN10 3319181432

ISBN13 9783319181431



€15,369.76

This book puts hydrogen sulfide in context with other gaseous mediators such as nitric oxide and carbon monoxide, reviews the available mechanisms for its biosynthesis and describes its physiological and pathophysiological roles in a wide variety of disease states. Hydrogen sulfide has recently been discovered to be a naturally occurring gaseous mediator in the body. Over a relatively short period of time this evanescent gas has been revealed to play key roles in a range of physiological processes including control of blood vessel caliber and hence blood pressure and in the regulation of nerve function both in the brain and the periphery. Disorders concerning the biosynthesis or activity of hydrogen sulfide may also predispose the body to disease states such as inflammation, cardiovascular and neurological disorders. Interest in this novel gas has been high in recent years and many research groups worldwide have described its individual biological effects. Moreover, medicinal chemists are beginning to synthesize novel organic molecules that release this gas at defined rates with a view to exploiting these new compounds for therapeutic benefit.

## McGraw-Hill Education 500 Review Questions for the MCAT: Organic Chemistry and Biochemistry

Format Paperback | 272 pages

Dimensions 157.48 x 233.68 x 25.4mm | 272.15g

Publication date 03 Aug 2015

Publisher McGraw-Hill Education - Europe

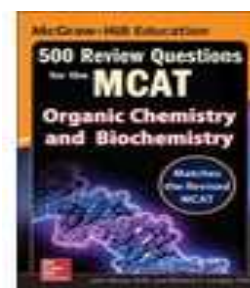
Imprint MCGRAW-HILL Professional

Edition Revised

Edition statement 2nd Revised edition

ISBN10 0071834869

ISBN13 9780071834865

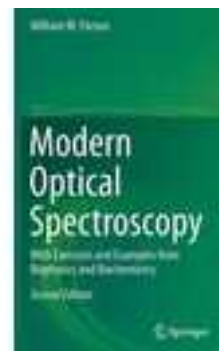


€1,103.20

500 ways to pass the Organic Chemistry and Biochemistry section of the new MCAT! Intensive practice + detailed answer explanations-the best way to sharpen skills and prepare for the exam In anticipation of the fully revised 2015 MCAT, 500 Review Questions for the MCAT: Organic Chemistry and Biochemistry has been updated to comprehensively cover the biology portion of the organic chemistry/biochemistry portion of the Biological and Biochemical Foundations of Living Systems section. This book provides the problem-solving practice you need to take the exam with confidence. 500 questions organized by subject Follows the new MCAT format Complete explanations to every question given in the answer key

## Modern Optical Spectroscopy 2015 : With Exercises and Examples from Biophysics and Biochemistry

Format Hardback | 572 pages  
Dimensions 157.48 x 236.22 x 38.1mm | 929.86g  
Publication date 26 Jul 2015  
Publisher Springer-Verlag Berlin and Heidelberg GmbH & Co. KG  
Imprint Springer-Verlag Berlin and Heidelberg GmbH & Co. K  
Publication City/Country BerlinGermany  
Edition statement 2nd Revised edition  
Illustrations note 196 black & white illustrations, biography  
ISBN10 3662467763  
ISBN13 9783662467763

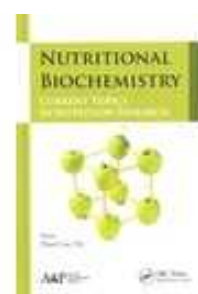


฿3,752.21

This textbook offers clear explanations of optical spectroscopic phenomena and shows how spectroscopic techniques are used in modern molecular and cellular biophysics and biochemistry. The topics covered include electronic and vibrational absorption, fluorescence, resonance energy transfer, exciton interactions, circular dichroism, coherence and dephasing, ultrafast pump-probe and photon-echo spectroscopy, single-molecule and fluorescence-correlation spectroscopy, Raman scattering, and multiphoton absorption. This revised and updated edition provides expanded discussions of quantum optics, metal-ligand charge-transfer transitions, entropy changes during photoexcitation, electron transfer from excited molecules, normal-mode calculations, vibrational Stark effects, studies of fast processes by resonance energy transfer in single molecules, and two-dimensional electronic and vibrational spectroscopy. The explanations are sufficiently thorough and detailed to be useful for researchers and graduate students and advanced undergraduates in chemistry, biochemistry and biophysics. They are based on time-dependent quantum mechanics, but are developed from first principles with a clarity that makes them accessible to readers with little prior training in this field. Extra topics and highlights are featured in special boxes throughout the text. The author also provides helpful exercises for each chapter.

## Nutritional Biochemistry : Current Topics in Nutrition Research

Format Hardback | 302 pages  
Dimensions 158 x 235 x 20mm | 539.99g  
Publication date 30 Jun 2015  
Publisher Apple Academic Press Inc.  
ISBN10 1771881453  
ISBN13 9781771881456



฿4,911.70

Nutrition is becoming ever more central to our understanding of metabolic processes. Nutritional biochemistry offers insight into the mechanisms by which diet influences human health and disease. This book focuses on five aspects of this complex field of study: nutritional genomics, clinical nutrition and biochemistry, vitamins and minerals, macronutrients and energy, and cell function and metabolism. Collected in this research compendium are recent studies within each of these topics. Each chapter contributes to a well-rounded and up-to-date picture of nutritional biochemistry. Appropriate for graduate-level and post-doctorate students, this book will stimulate further study into this important field of research.

## Handbook of RNA Biochemistry

Format Paperback | 1368 pages

Dimensions 172.72 x 241.3 x 50.8mm | 2,245.27g

Publication date 22 Jun 2015

Publisher Wiley-VCH Verlag GmbH

Publication City/Country WeinheimGermany

Language English

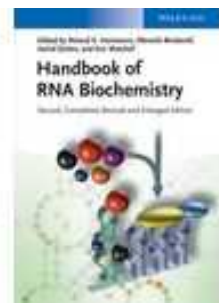
Edition Enlarged, Revised

Edition statement 2nd Revised and Enlarged ed

Illustrations note 125 schwarz-weiße und 20 farbige Abbildungen, 30 schwarz-weiße Tabellen

ISBN10 3527327762

€6,461.54



The second edition of a highly acclaimed handbook and ready reference. Unmatched in its breadth and quality, around 100 specialists from all over the world share their up-to-date expertise and experiences, including hundreds of protocols, complete with explanations, and hitherto unpublished troubleshooting hints. They cover all modern techniques for the handling, analysis and modification of RNAs and their complexes with proteins. Throughout, they bear the practising bench scientist in mind, providing quick and reliable access to a plethora of solutions for practical questions of RNA research, ranging from simple to highly complex. This broad scope allows the treatment of specialized methods side by side with basic biochemical techniques, making the book a real treasure trove for every researcher experimenting with RNA.

## The Retinoids : Biology, Biochemistry, and Disease

Format Hardback | 608 pages

Dimensions 170.18 x 246.38 x 35.56mm | 1,133.98g

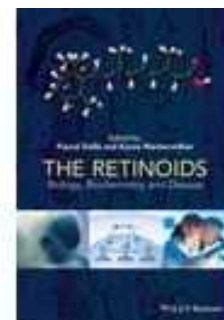
Publication date 15 Jun 2015

Publisher John Wiley & Sons Inc

ISBN10 1118627989

ISBN13 9781118627983

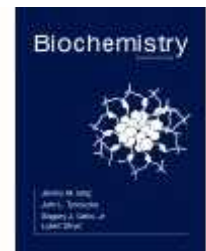
€6,456.95



The Retinoids: Biology, Biochemistry, and Disease provides an overview and synthesis of the retinoid molecules, from basic biology to mechanisms of diseases and therapy. Divided into five sections, the book covers retinoic acid signaling from biochemical, genetic, developmental, and clinical perspectives. The text is divided into five sections, the first of which examines vitamin A metabolic and enzymatic pathways. Focus then shifts to the role of retinoic acid signaling in development, and then to retinoids and physiological function. The book concludes with chapters on retinoids, disease and therapy. Comprehensive in scope and written by leading researchers in the field, The Retinoids: Biology, Biochemistry, and Disease will be an essential reference for biologists, biochemists, geneticists and developmental biologists, as well as for clinicians and pharmacists engaged in clinical research involving retinoids.

## Biochemistry

Format Hardback | 1120 pages  
Dimensions 218.44 x 279.4 x 45.72mm | 2,426.71g  
Publication date 03 Jun 2015  
Publisher W.H.Freeman & Co Ltd  
Edition Revised  
Edition statement 8th Revised edition  
Illustrations note Illustrations (chiefly col.)  
ISBN10 1464126100  
ISBN13 9781464126109

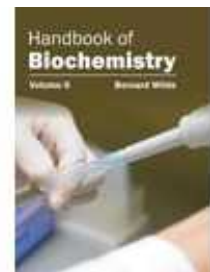


฿4,624.24

For four decades, this extraordinary textbook played a pivotal role in the way biochemistry is taught, offering exceptionally clear writing, innovative graphics, coverage of the latest research techniques and advances, and a signature emphasis on physiological and medical relevance. Those defining features are at the heart of this edition.

## Handbook of Biochemistry: Volume II

Format Hardback | 224 pages  
Dimensions 216 x 279 x 14mm | 812g  
Publication date 27 Feb 2015  
Publisher Callisto Reference  
Publication City/Country United States  
Language English  
Illustrations note colour illustrations  
ISBN10 1632393727  
ISBN13 9781632393722



฿5,642.50

This book is a sincere attempt to delve into the vast subject of biochemistry and presents a complete picture of the same. It details out those different branches where biochemistry has and continues to make giant strides. It also focuses on the industrial uses of the subject. Moreover, lucid flow of topics, easy to understand language, and diagrammatic representation through figures and charts makes it a comprehensive book.

## Advances in Biochemistry Research : Volume II

Format Hardback | 224 pages  
Dimensions 216 x 279 x 14mm | 812g  
Publication date 18 Feb 2015  
Publisher Callisto Reference  
Publication City/Country United States  
Language English  
Illustrations note colour illustrations  
ISBN10 1632390396  
ISBN13 9781632390394

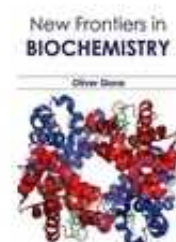


7334 THB

The book talks about the latest developments and researches in the field of biochemistry. It attempts to bring to its readers a platform where they can understand, think and broaden their bank of knowledge about biochemistry. A number of texts, researches and techniques have been discussed in this book. It also highlights the importance of biochemistry in today's world and how it is going to affect or assist mankind in innumerable ways.

## New Frontiers in Biochemistry

Format Hardback | 238 pages  
Dimensions 152 x 229 x 14mm | 485g  
Publication date 25 Feb 2015  
Publisher Callisto Reference  
Publication City/Country United States  
Language English  
Illustrations note colour illustrations  
ISBN10 1632394731  
ISBN13 9781632394736



5396 THB

Over the years, biochemistry has become significant in classifying living processes, so much so that many scientists in the field of life sciences are involved in biochemical research. This book presents an analysis of the research area of proteins, enzymes, cellular mechanisms and chemical compounds that are used in appropriate methods. It includes the basic issues and some of the current advancements in biochemistry. Emphasis is given on both theoretical and experimental facets of modern biochemistry. This book caters to students, researchers, biologists, chemists, chemical engineers and professionals who are keen to know more about biochemistry, molecular biology and other related fields. The chapters within the book have been contributed by renowned international scientists with expertise in protein biochemistry, enzymology, molecular biology and genetics; many of whom are active in biochemical and biomedical research. It will provide information for scientists about the complexities of some biochemical procedures; and will stimulate both professionals and students to devote a part of their future research in understanding related mechanisms and methods of biochemistry.

## Chemical Technology : Key Developments in Applied Chemistry, Biochemistry and Materials Science

Format Hardback | 320 pages  
Dimensions 154.94 x 231.14 x 22.86mm | 544.31g  
Publication date 23 Mar 2015  
Publisher Apple Academic Press Inc.  
Publication City/Country OakvilleCanada  
Language English  
Illustrations note 127 black & white illustrations  
ISBN10 1771880511  
ISBN13 9781771880510



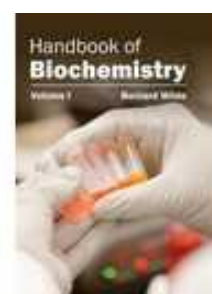
₹4,537.91

This collection presents a broad spectrum of chapters in the various branches of industrial chemistry, biochemistry, and materials science which demonstrate key developments in these rapidly changing fields. This book offers a valuable overview and myriad details on current chemical processes, products, and practices. The book serves a spectrum of individuals, from those who are directly involved in the chemical industry to others in related industries and activities. It provides not only the underlying science and technology for important industry sectors but also provides broad coverage of critical supporting topics. This new book:

- \* Serves as a collection of chapters that highlights some important areas of current interest in industrial chemistry, biochemistry, and materials science
- \* Focuses on topics with more advanced methods
- \* Emphasizes precise mathematical development and actual experimental details
- \* Analyzes theories to formulate and prove the physicochemical principles
- \* Provides an up-to-date and thorough exposition of the present state of the art of complex materials
- \* Familiarizes the reader with new aspects of the techniques used in the examination of polymers, including chemical, physicochemical, and purely physical methods of examination
- \* Describes the types of techniques now available to the chemist and technician and discusses their capabilities, limitations, and applications

## Handbook of Biochemistry: Volume I

Format Hardback | 216 pages  
Dimensions 216 x 279 x 14mm | 794g  
Publication date 27 Feb 2015  
Publisher Callisto Reference  
Publication City/Country United States  
Language English  
Illustrations note colour illustrations  
ISBN10 1632393719  
ISBN13 9781632393715 7322 THB



This book is a sincere attempt to delve into the vast subject of biochemistry and presents a complete picture of the same. It details out those different branches where biochemistry has and continues to make giant strides. It also focuses on the industrial uses of the subject. Moreover, lucid flow of topics, easy to understand language, and diagrammatic representation through figures and charts makes it a comprehensive book.

## Advances in Biochemistry Research: Volume I

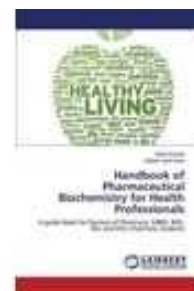
Format Hardback | 222 pages  
Dimensions 216 x 279 x 14mm | 807g  
Publication date 18 Feb 2015  
Publisher Callisto Reference  
Publication City/Country United States  
Language English  
Illustrations note colour illustrations  
ISBN10 1632390388  
ISBN13 9781632390387 Price : 7332 THB



The book talks about the latest developments and researches in the field of biochemistry. It attempts to bring to its readers a platform where they can understand, think and broaden their bank of knowledge about biochemistry. A number of texts, researches and techniques have been discussed in this book. It also highlights the importance of biochemistry in today's world and how it is going to affect or assist mankind in innumerable ways.

## Handbook of Pharmaceutical Biochemistry for Health Professionals

Format Paperback | 340 pages  
Dimensions 150.11 x 219.96 x 19.56mm | 553.38g  
Publication date 12 Feb 2015  
Publisher LAP Lambert Academic Publishing  
Publication City/Country United States  
Language English  
Illustrations note black & white illustrations  
ISBN10 3659680982  
ISBN13 9783659680984 Price :4941 THB



The first edition of "Handbook of Pharmaceutical Biochemistry for Health Professionals" is designed and written to provide accurate, current information about the basic concept of Biochemistry in a fascinating and lucid manner. This current book is specifically tailored to meet the needs of a broader audience, particularly students of Pharm. D, MBBS, BDS, BSc, MSc Chemistry and other health professionals, who have minimal backgrounds in Biochemistry. This text, therefore, includes chapters detailing the basic principles of carbohydrate, lipids, protein structure, enzymes, vitamins, metabolic fate of biomolecular such as carbohydrate, lipids, and proteins. The book, of course, should also meet the needs of students undertaking programmes in core biochemistry, biotechnology or related scientific areas and be of use as a broad reference source to those already working within Biotechnology sector.



## Medical Biochemistry and Biotechnology

Format Paperback | 412 pages  
Dimensions 150.11 x 219.96 x 23.62mm | 662.24g  
Publication date 03 Feb 2015  
Publisher LAP Lambert Academic Publishing  
Publication City/Country United States  
Language English  
Illustrations note black & white illustrations  
ISBN10 3848418517  
ISBN13 9783848418510



4986 THB

This book has been prepared for students of undergraduate courses in medicine, dentistry, pharmacy, laboratory medicine, physiotherapy, veterinary science, agriculture, biochemistry, genetics, microbiology, biotechnology, molecular biology, etc. The main purpose is to provide an understanding of the basic concepts in biochemistry and biotechnology which are required for them in a simple and interesting manner. Though there are a lot of books providing extensive knowledge of these subjects in the market, it has been observed that most of the students, especially from non-English speaking countries feel intimidated by the complexities of these subjects. Hence, this book is an endeavour to fulfil their needs. Care has been taken to explain various topics in as simple a language as possible, without compromising on the quality of the subject matter. The text is supported with clear diagrams. Students, who are appearing for various competitive exams, will find this book equally helpful. This book will also serve as a handy tool for teachers and postgraduate students.

## Introduction to General, Organic and Biochemistry

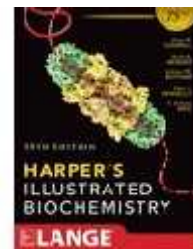
Format Hardback | 1056 pages  
Dimensions 222 x 278 x 38mm | 2,177.23g  
Publication date 31 Jan 2015  
Publisher Cengage Learning, Inc  
Publication City/Country FlorenceUnited States  
Language English  
Edition Revised  
Edition statement 11th Revised edition  
ISBN10 1285869753  
ISBN13 9781285869759 \$9,501.94



Gain a comprehensive understanding of chemistry and see how it relates to health science with Introduction to General, Organic and Biochemistry. This bestseller features dynamic art, interesting examples, coverage of the latest issues, and a wide variety of medical and biological applications. As you explore topics such as botulin toxin as a cosmetic agent, implications for the use of antibiotics, the Atkins diet, and ultraviolet sunscreen, you will see how useful the study of chemistry is to so many aspects of your life. The book's built-in integration with OWL (Online Web-based Learning) turns your chemistry study time into active experiences that build your comprehension and bring concepts to life.

## Harper's Illustrated Biochemistry

Format Paperback | 832 pages  
Dimensions 215.9 x 274.32 x 33.02mm | 1,700.96g  
Publication date 01 Feb 2015  
Publisher McGraw-Hill Education - Europe  
Imprint MCGRAW-HILL Professional  
Publication City/Country United States  
Language English  
Edition Revised  
Edition statement 30th Revised edition  
ISBN10 0071825347  
ISBN13 9780071825344 Price :\$3,329.83



The best single reference for understanding the clinical relevance of any biochemistry topic. Clear, concise, and in full color, Harper's Illustrated Biochemistry is unrivaled in its ability to clarify the link between biochemistry and the molecular basis of disease. It covers exactly what students need to understand in order to succeed in medical school. Combining outstanding full-color illustrations with integrated coverage of biochemical diseases and clinical information, Harper's offers an organization and careful balance of detail and brevity not found in any other text on the market. This trusted classic is essential for USMLE review and is unique in that it bridges the gap between textbooks and board reviews. NEW! Increased number of tables that encapsulate important information, such as vitamin and mineral requirements. NEW! Every section now ends with USMLE-style questions.

## Student Solutions Manual for Bettelheim/Brown/Campbell/Farrell/Torres' Introduction to General, Organic and Biochemistry, 11th

Format Paperback | 256 pages  
Dimensions 213.36 x 269.24 x 15.24mm | 453.59g  
Publication date 31 Jan 2015  
Publisher Cengage Learning, Inc  
Imprint CENGAGE Learning Custom Publishing  
Publication City/Country Mason, OH United States  
Language English  
Edition Student edition  
Edition statement 11th  
ISBN10 1305081056  
ISBN13 9781305081055

\$5,926.40

Cengage Learning Testing Powered by Cognero is a flexible, online system that allows you to: author, edit, and manage test bank content from multiple Cengage Learning solutions; create multiple test versions in an instant; deliver tests from your LMS, your classroom or wherever you want

## Reviews of Physiology, Biochemistry and Pharmacology: Vol. 163

Format Paperback | 134 pages  
Dimensions 155.19 x 235.2 x 8.38mm | 226.8g  
Publication date 29 Jan 2015  
Publisher Springer-Verlag Berlin and Heidelberg GmbH & Co. KG  
Imprint Springer-Verlag Berlin and Heidelberg GmbH & Co. K  
Publication City/Country BerlinGermany  
Language English  
Edition statement 2012 ed.  
Illustrations note biography  
ISBN10 3642444849  
ISBN13 9783642444845



฿6,237.96

Induced pluripotent stem cells in cardiovascular research.- TRPs in the brain.- The channel physiology of the skin.

## Fundamentals of Biochemistry 5th Edition

by Donald Voet (Author), Judith G. Voet , Charlotte W. Pratt ,

**Price \$280.95** Hardcover: 1072 pages  
Publisher: Wiley; 5 edition (December 30, 2015)  
Language: English  
ISBN-10: 1118918401  
ISBN-13: 978-1118918401

Voet, Voet and Pratt's Fundamentals of Biochemistry, 5e addresses the enormous advances in biochemistry, particularly in the areas of structural biology and Bioinformatics, by providing a solid biochemical foundation that is rooted in chemistry to prepare students for the scientific challenges of the future. While continuing in its tradition of presenting complete and balanced coverage that is clearly written and relevant to human health and disease, Fundamentals of Biochemistry, 5e includes new pedagogy and enhanced visuals that provide a pathway for student learning.

## Eureka: Biochemistry & Metabolism

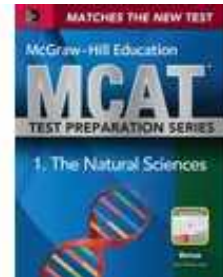
Format Paperback | 272 pages  
Dimensions 162 x 238 x 14mm | 519.99g  
Publication date 01 Apr 2015  
Publisher JP Medical Ltd  
ISBN10 1907816836  
ISBN13 9781907816833 Price : 1,686 THB



Eureka - an innovative series for students that fully integrates core science, clinical medicine and surgery. With its engaging and authoritative text, featuring insightful clinical cases, graphic narratives, SBAs and a wealth of other learning tools, Eureka has everything students need to succeed in medicine and pass their exams. Eureka - content that reflects today's medical degree courses with their emphasis on: \* relevance and application of core science to clinical practice \* skills required to examine and communicate with patients \* integrated care across primary and acute care settings Eureka - 15 clinical titles, 5 science titles: \* Clinical titles - disease-based, clinical cases, system-specific core science \* Science titles - bedrock biomedical principles, clinical cases Series features across titles: \* Engaging clinical cases show how skilled clinician would work through a presentation, and put diseases and biomedical principles into patient context \* Innovative graphic narratives bring clinical cases to life, show how to approach difficult scenarios and convey the experience of being a patient \*Starter questions - stimulating answers to intriguing questions make learning fun \*Boxes highlight tips, tricks and key learning points Biochemistry & Metabolism \*First principles chapter clearly explains the key concepts and mechanisms relevant to the study of medicine e.g. types of biochemical reaction, enzymes and cofactors \*Systems-based chapters describe the structures such as proteins and fats and processes such as haemoglobin metabolism that underpin normal functions, each chapter introduced by an engaging clinical case that features a unique graphic narrative \*Self-Assessment - 80 multiple choice questions in clinical SBA format, in line with current exam format

## McGraw-Hill Education MCAT Biological and Biochemical Foundations of Living Systems 2015

Format Paperback | 256 pages  
Dimensions 214 x 272 x 14mm | 539.99g  
Publication date 01 Feb 2015  
Publisher McGraw-Hill Education - Europe  
Imprint MCGRAW-HILL Professional  
Publication City/Country United States  
Language English  
Edition statement Cross-Platform Edition  
ISBN10 0071822038  
ISBN13 9780071822039 Price : 1,715 THB



Totally geared to the brand-new test scheduled to be introduced in 2015, this book offers concise summaries of all important concepts, textbook-quality scientific diagrams, and abundant practice questions. The unique Cross-Platform format adds outstanding value for students, who can study the whole program in print, online, or on a mobile device. This volume of McGraw-Hill Education's four-book MCAT test-prep series covers the life sciences topics that MCAT candidates need to master. Chapters are organized around the "Foundational Concepts" specified in the MCAT syllabus. Each unit ends with a Minitest in MCAT format to give students ample practice with MCAT-style questions. Closely follows the MCAT syllabus created for the all-new 2015 test Practice with MCAT-style questions on every topic Textbook-quality illustrations to enhance understanding Focuses tightly on topics tested on the MCAT About the Cross-Platform format: The Cross-Platform format provides a fully-comprehensive print, online, and mobile program: Entire instructional content available in print and digital form Personalized study plan and daily goals Powerful analytics to assess test readiness Flashcards, games, and social media for additional support For the time-pressured MCAT student, this unparalleled digital access means that full study resources are always at hand.