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Basic Medical Sciences Catalogue 2017



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When it comes to providing students and teachers in medical and the health professions with the educational materials they need, our philosophy is simple: learning never ends. Everything we offer helps students bridge the gap between the classroom and clinical practice, while supporting healthcare professionals in their jobs.

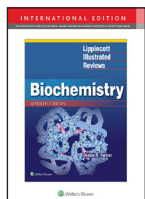
BASIC MEDICAL SCIENCES

Biochemistry



Lippincott's Illustrated Reviews: Biochemistry, 7th Edition

Denise Ferrier



Lippincott Illustrated Reviews: Biochemistry is the long-established, first-and-best resource for the essentials of biochemistry. Students rely on this text to help them quickly review, assimilate, and integrate large amounts of critical and complex information. For more than two decades, faculty and students have praised this best-selling biochemistry textbook for its match illustrations that make concepts come to life.

978-1-4963-6354-1 / 560 pp / Jan 2017 / £31.00 €38.00



Marks' Basic Medical Biochemistry: A Clinical Approach, 5th Edition

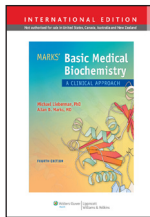
Michael Lieberman and Alisa Peet

978-1-4963-2481-8 / 1008 pp / Jun 2017



Marks' Basic Medical Biochemistry: A Clinical Approach, 4th Edition

Michael Lieberman and Allan D. Marks



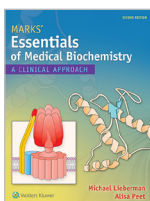
This text helps medical students bridge the gap between biochemistry, physiology, and clinical care. The strength of **Mark's Basic Medical Biochemistry** is that it starts with the patient—the metabolic and nutritional needs of the human body—as opposed to explanations of complex chemical theory. It emphasises clinical correlations throughout the text and links biochemical concepts to physiology and pathophysiology, using patient vignettes as the context. These mock patient cases are followed throughout the chapter to pose questions, illustrate core concepts and help students remember and apply biochemical principles within the context of clinical practice.

978-1-4511-0003-7 / 1024 pp / 835 illus / 2012 / £46.00 €55.00



Marks' Essential Medical Biochemistry: A Clinical Approach, 2nd Edition

Michael Lieberman and Alisa Peet



Marks' Essentials of Medical Biochemistry takes a patient-oriented approach that links biochemistry to physiology and pathophysiology, allowing students to apply fundamental concepts to the practice of medicine. Based on the established text, Marks' Basic Medical Biochemistry, Marks' Essentials is streamlined to focus only on the most essential biochemical concepts, while maintaining intuitively organised chapters centred on hypothetical patient vignettes and helpful icons for smooth navigation.

978-1-4511-9006-9 / 672 pp / 475 illus / 2014 / £30.95 €37.00

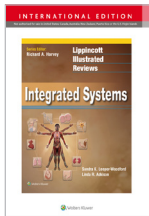
BASIC MEDICAL SCIENCES

General Medical Sciences



Lippincott Illustrated Reviews: Integrated Systems

Sandra K. Leeper-Woodford and Linda R. Adkinson



This text integrates topics in the core basic sciences to promote understanding of human body systems. The most clinically relevant disorders are covered to give a thorough grounding in the pathophysiology of each system. The Lippincott Illustrated Review series features clear, effective writing in outline format and hundreds of eye-catching illustrations ideal for review and the assimilation of essential information for course and board exams.

978-1-4963-1518-2 / 464 pp / 510 illus / Jul 2015 / £29.50 €35.00

Immunology & Microbiology



Lippincott's Illustrated Reviews: Immunology, 2nd Edition

Thao Doan, Roger Melvold, Susan Viselli and Carl Waltenbaugh



Lippincott's Illustrated Reviews: Immunology offers a highly visual presentation of essential immunology material, with all the popular features of the series: more than 300 full colour annotated illustrations, an outline format, chapter summaries, review questions, and case studies that link basic science to real-life clinical situations. Lippincott's Illustrated Reviews: Immunology can be used as a review text for a short immunology course, or paired with Lippincott's Illustrated Reviews: Microbiology for a combined microbiology/immunology course.

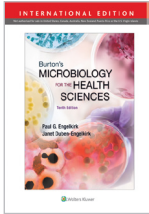
978-1-4511-1154-5 / 400 pp / 300 illus / 2012 / £28.95 €35.00

BASIC MEDICAL SCIENCES



Burton's Microbiology for the Health Sciences, 10th Edition

Paul G. Engelkirk and Janet Duben-Engelkirk



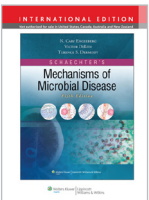
This market-leading text covers antibiotics and other antimicrobial agents, epidemiology and public health, hospital-acquired infections, infection control and the ways in which microorganisms cause disease—all at a level of detail appropriate for allied health students. To ensure content mastery, the book clarifies concepts, defines key terms, and is packed with in-text and online learning tools that make the information clear and easy to understand.

978-1-4511-8634-5 / 496 pp / 285 illus / 2014 / £41.00 €49.00



Schaechter's Mechanisms of Microbial Disease, 5th Edition

N. Cary Engleberg, Victor DiRita and Terence S. Dermody



Schaechter's Mechanisms of Microbial Disease provides students with a thorough understanding of microbial agents and the pathophysiology of microbial diseases. The text is universally praised for “telling the story of a pathogen” in an engaging way, facilitating learning and recall by emphasising unifying principles and paradigms, rather than forcing students to memorise isolated facts by rote. The table of contents is uniquely organised by microbial class and by organ system, making it equally at home in traditional and case-based curricula.

978-1-4511-0005-1 / 848 pp / 521 illus, 130 tables / 2012 / £59.00 €71.00



Lippincott's Illustrated Reviews: Microbiology, 3rd Edition

Richard A. Harvey and Cynthia N. Cornelissen



This text enables rapid review and assimilation of large amounts of information about medical microbiology. The book has the hallmark features for which Lippincott's Illustrated Reviews series' are so popular: an outline format, 450 full-color illustrations, end-of-chapter summaries, review questions, plus an entire section of clinical case studies with full-color illustrations. 5 additional case studies have been included, bringing the total to 19. Review questions have been reformatted to comply with USMLE Step 1 style, with clinical vignettes.

978-1-6091-3999-5 / 448 pp / 475 illus, 30 tables / 2012 / £29.95 €36.00

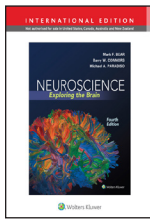
BASIC MEDICAL SCIENCES

Neuroscience



Neuroscience: Exploring the Brain, 4th Edition

Mark F. Bear, Barry W. Connors and Michael A. Paradiso



Acclaimed for its clear style, excellent illustrations, leading author team, and compelling theme of exploration, **Neuroscience: Exploring the Brain** takes a fresh and contemporary approach to the study of neuroscience, emphasizing the biological basis of behavior. The 4th Edition has been fully updated to reflect rapid changes and advances in the field, while honoring its commitment to be student-friendly with striking new illustrations, additional animations, and an unparalleled array of online resources.

978-1-4511-0954-2 / 1008 pp / 700 illus / 2015 / £39.00 €47.00



Lippincott's Illustrated Reviews: Neuroscience, 2nd Edition

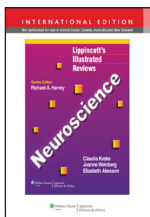
Claudia Krebs

978-1-4963-6789-1 / 480 pp / Nov 2017



Lippincott's Illustrated Reviews: Neuroscience

Claudia Krebs, Joanne Weinberg and Elizabeth Akesson



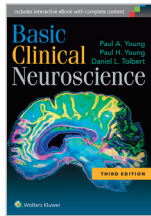
Lippincott's Illustrated Reviews: Neuroscience includes full-color, annotated illustrations; chapter overviews; expanded outline format; chapter summaries; and review questions that link basic science to real-life clinical situations. The book can be used as a text for a stand-alone neuroscience/neuroanatomy course in medical, health professions and upper-level undergraduate programs or as a review for boards. A companion website features the fully searchable online text, an interactive Question Bank for students, animations and an Image Bank for instructors to use to create PowerPoint presentations.

978-1-4511-1045-6 / 528 pp / 376 illus, 25 tables / 2011 / £27.50 €33.00



Basic Clinical Neuroscience, 3rd Edition

Paul A. Young, Paul H. Young and Daniel L. Tolbert



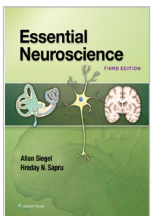
Basic Clinical Neuroscience provides clear, detailed coverage of clinically oriented aspects of neuroanatomy and neurophysiology to help medical and health professions students better understand neurological and neurosurgical disorders and prepare for board exams. Through concise descriptions of functional systems, the book helps students understand the anatomic and pathophysiologic basis for neurologic abnormalities. Students have consistently praised the book for its exceptionally clear explanations of concepts. The 3rd Edition is enhanced by full color illustrations, additional case studies, clinical images, review questions, and clinical correlations.

978-1-4511-7329-1 / 464 pp / 277 illus / 2015 / £45.00 €46.00



Essential Neuroscience, 3rd Edition

Allan Siegel and Hreday N. Saprú



Essential Neuroscience integrates must-have neuroscience information with clinical and physiological considerations to help readers master the fundamentals of neuroscience and prepare for board and course exams. Concise, clinically relevant coverage and student-friendly. A step-by-step book starting with the basic building blocks of neural anatomy and expanding to cover structures and functions, the interaction of systems and the science of clinical disorders. The 3rd Edition includes additional MRIs and Case Studies and updated text, art and review questions based on student feedback.

978-1-4511-8968-1 / 608 pp / 306 illus / 2014 / £38.95 €47.00

Pathology



Essentials of Rubin's Pathology, 7th Edition

Emanuel Rubin and Howard Reisner

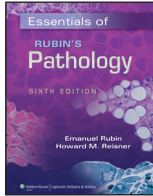
978-1-4963-5032-9 / 624 pp / Dec 2017

BASIC MEDICAL SCIENCES



Essentials of Rubin's Pathology, 6th Edition

Emanuel Rubin and Howard Reisner



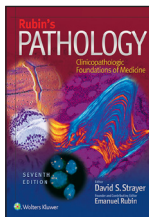
Essentials of Rubin's Pathology, Sixth Edition is a condensed version of Rubin's flagship pathology text, Targeted to students in allied health fields, including dentistry, nursing, physical therapy, physician assistant, chiropractic, and occupational therapy, **Essentials of Rubin's Pathology** follows the same format as Rubin's Pathology, covering principles and mechanisms of pathology in the first section and organ-specific pathology in the second section.

978-1-4511-1023-4 / 704 pp / 852 illus, 66 tables / 2013 / £72.00 €73.00



Rubin's Pathology: Clinicopathologic Foundations of Medicine, 7th Edition

David Strayer and Emanuel Rubin



Rubin's Pathology sets the foundation for medical training and practice with expert coverage of disease processes and their effects on cells, organs, and individuals. Now in its 7th Edition, the text is praised for having a perfect balance of basic pathology and bedside perspective, without extraneous detail that's beyond the boards.

This edition has new chapters on aging, autoimmune diseases, forensic pathology, pregnancy, sepsis, plus extensively revised and extended chapters on amyloidosis, obesity, diabetes mellitus and metabolic syndrome

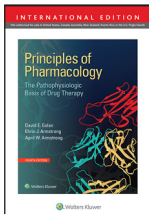
978-1-4511-8390-0 / 1616 pp / 2115 illus / 200 tables / 2014 / £107.00 €128.00

Pharmacology



Principles of Pharmacology: The Pathophysiologic Basis of Drug Therapy, 4th Edition

David E. Golan, Ehrin J. Armstrong and April W. Armstrong



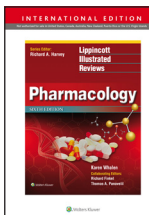
Principles of Pharmacology: The Pathophysiologic Basis of Drug Therapy offers an integrated mechanism-based and systems-based approach to contemporary pharmacology and drug development. An easy-to-follow format helps first and second year student's grasp challenging concepts quickly and efficiently. Each chapter presents a clinical vignette illustrating a therapeutic problem within a physiologic or biochemical system; followed by a discussion of the biochemistry, physiology, and pathophysiology of the system; and concluding with a presentation of the pharmacology of the drugs and drug classes that activate or inhibit the system by interacting with specific molecular and cellular targets.

978-1-4963-2057-5 / 1024 pp / 400 illus / Mar 2016 / £45.00 €54.00



Lippincott's Illustrated Reviews: Pharmacology, 6th Edition

Karen Whalen



Lippincott Illustrated Reviews: Pharmacology is the updated, enhanced version of the student-favorite resource for essentials of medical pharmacology. The first-and-best resource, the Lippincott Illustrated Reviews series features clear, effective writing and hundreds of illustrations for ideal rapid review and the assimilation of complex information. Clear, sequential images present mechanisms of action and focus on showing rather than telling students how drugs work.

978-1-4698-8756-2 / 540 pp / 570 illus / 2014 / £29.95 €36.00

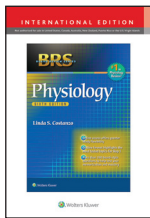
BASIC MEDICAL SCIENCES

Physiology



BRS Physiology, 6th Edition

Linda S. Costanzo



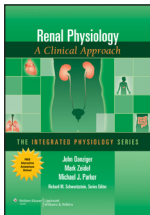
Be prepared for the course and the Boards with **BRS Physiology**. This bestselling book provides over 350 USMLE-style questions with complete answers and explanations, chapter-ending exams and a comprehensive USMLE-format examination at the end of the book, and is enhanced by full-color illustrations and tables. Offered in both print and online formats, the book boosts student confidence and provides maximum accessibility and portability for in-class or on-the-go learning.

978-1-4698-3200-5 / 318 pp / 145 illus / 2014 / £28.50 €34.00



Renal Physiology: A Clinical Approach

John Danziger, Mark Zeidel, Michael J. Parker and Richard M. Schwartzstein



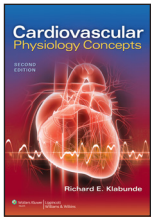
This first edition, and third volume in the Integrated Physiology Series, offers students a clear, clinically oriented overview of renal physiology. The lecture-style format, conversational tone, and final Integration chapter offset the difficult and intimidating nature of the subject. Chapter outlines, learning objectives, and end-of-chapter summaries highlight key concepts for easier assimilation. Other pedagogical features include clinical cases, Thought Questions, Putting It Together sections, Editor's Integration boxes, review Q&A, and online animations - all designed specifically to reinforce clinical relevance and to challenge the student in real-world problem-solving.

978-0-7817-9524-1 / 232 pp / 60 illus, 10 tables / 2012 / £35.00 €42.00



Cardiovascular Physiology Concepts, 2nd Edition

Richards E. Klabunde



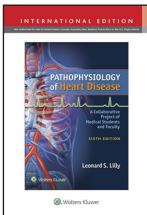
Now in its 2nd edition, this highly accessible monograph lays a foundation for understanding of the underlying concepts of normal cardiovascular function. Students of medicine and related disciplines welcome the book's concise coverage as a practical partner or alternative to a more mechanistically oriented approach or an encyclopedic physiology text. A focus on well-established cardiovascular principles reflects recent, widely accepted research from the field.

978-1-4511-1384-6 / 256 pp / 136 illus, 16 tables / 2011 / £33.95 €41.00



Pathophysiology of Heart Disease: A Collaborative Project of Medical Students and Faculty, 6th Edition

Leonard S. Lilly



Specifically designed to prepare medical students for their initial encounters with patients with heart disease, this award-winning text bridges basic cardiac physiology with clinical care. Written by internationally recognized Harvard Medical School faculty and select medical students, this text provides a solid foundation of knowledge regarding diseases of the heart and circulation. Under the experienced editorial guidance of Dr. Leonard S. Lilly, this best-selling monograph has an outstanding reputation among medical students and faculty worldwide. Student-friendly features of the 6th Edition include a full-color design and illustrations; end-of-chapter summaries; updated content, including recent technological advances; and access to an interactive eBook.

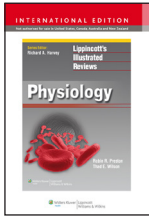
978-1-4963-0869-6 / 512 pp / 246 illus / 2015 / £35.50 €42.00

BASIC MEDICAL SCIENCES



Lippincott's Illustrated Reviews: Physiology

Robin R. Preston and Thad E. Wilson



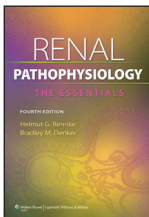
Lippincott's Illustrated Reviews: Physiology brings physiology clearly into focus, telling the story of who we are, how we live, and, ultimately, how we die. Identifying organ function and then showing how cells and tissues are designed to fulfill that function, this text decodes this simply. Each element was tailored for ease of use and fast content absorption. Artwork, Clinical Applications, and Unit Review Questions teach and reinforce the most essential concepts in physiology, perfect for classroom learning and test/boards preparation!

978-1-4511-7567-7 / 432 pp / 420 illus / 2012 / £29.95 €36.00



Renal Pathophysiology: The Essentials, 4th Edition

Helmut G. Rennke and Bradley M. Denker



Renal Pathophysiology: The Essentials offers medical students a case-based approach to learning the mechanisms of renal disease. Each chapter covers a disease, beginning with a patient case and followed by a discussion of the pathophysiology of the disease. Issues of differential diagnosis and therapy are linked to pathophysiologic mechanisms. Short questions interspersed throughout the text require students to apply their knowledge. Detailed answers to the questions are included.

978-1-4511-7338-3 / 392 pp / 145 illus, 32 tables / 2013 / £36.95 €44.00

NEW



Medical Physiology: Principles for Clinical Medicine, 5th Edition

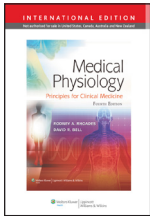
Rodney A. Rhoades and David R. Bell

978-1-4963-1046-0 / 880 pp / July 2017 / £80.00 €93.00 (t)



Medical Physiology: Principles for Clinical Medicine, 4th Edition

Rodney A. Rhoades and David R. Bell



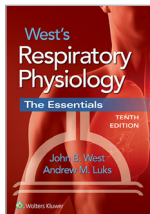
Designed for medical students, **Medical Physiology: Principles for Clinical Medicine** clearly and concisely presents the physiological concepts that are essential to clinical medicine. Each chapter emphasizes conceptual diagrams to facilitate comprehension of difficult concepts, and applies basic clinical concepts in both normal and abnormal conditions to illustrate how physiology serves as an important basis for diagnosis and treatment.

978-1-4511-1039-5 / 832 pp / 581 illus, 81 tables / 2012 / £49.00 €59.00



West's Respiratory Physiology: The Essentials, 10th Edition

John B. West



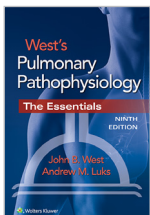
West's Respiratory Physiology: The Essentials is the gold standard text for learning respiratory physiology quickly and easily. This readable, must-have text serves as an introduction to students and a review for licensing and other exams. This Edition features the addition of Dr. Andrew M. Luks as co-author along with new clinical vignettes, additional multiple-choice review questions, and updated information on key topics in respiratory physiology, such as blood flow and metabolism, gas transport by the blood, and the physiology of high altitude.

978-1-4963-1011-8 / 224 pp / 100 illus / Oct 2015 / £35.00 €37.00



Pulmonary Pathophysiology: The Essentials, 9th Edition

John B. West



West's Pulmonary Pathophysiology: The Essentials offers accessible explanations of disease processes that affect the respiratory system. This best-selling companion to West's Respiratory Physiology, Tenth Edition has served generations of students. Dr. John B. West, together with new co-author Dr. Andrew M. Luks, presents the vital knowledge you need in a concise, straightforward manner that's easy to understand.

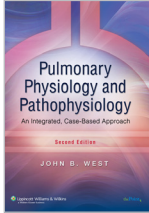
978-1-4963-3944-7 / 224 pp / Mar 2017 / £36.99 €40.00

BASIC MEDICAL SCIENCES



Pulmonary Physiology and Pathophysiology: An Integrated, Case-Related Approach, 2nd Edition

John B. West



Pulmonary Physiology and Pathophysiology presents normal and abnormal pulmonary function in the same case-based format that has made the 1st edition a favorite among students. Each chapter begins with a clinical case study of diseases typically seen by practitioners. The cases are followed by a discussion and breakdown of the physiology, pathophysiology, anatomy, pharmacology, and pathology for each disease, and a question-and-answer section. This edition has an infectious diseases chapter, updates on asthma pathogenesis and bronchodilators, and user-friendly features such as chapter openers, chapter outlines, “key points” summary boxes, and board-formatted questions and answers.

978-0-7817-6701-9 / 150 pp / 181 illus / 2007 / £40.00 €48.00

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