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Animal Physiology Animal Physiology Animal Physiology **Anatomy, Physiology & Disease** **Gastrointestinal Physiology 2/E** Anatomy & Physiology: The Unity of Form and Function Handbook of Cardiac Anatomy, Physiology, and Devices The Pigmentary System Guyton and Hall Textbook of Medical Physiology Quantitative Human Physiology Gastrointestinal Physiology 2/E **Anatomy & Physiology: An Integrative Approach** Anatomy and Physiology **Medical Physiology : The Big Picture** **Essentials of Anatomy and Physiology** *Ross & Wilson* *Anatomy and Physiology in Health and Illness E-Book* **Anatomy & Physiology** Ganong's Review of Medical Physiology, Twenty sixth Edition Human Physiology Physiology Secrets **Prokaryotic Metabolism and Physiology** Seeds **Animal Physiology** **Plants and Microclimate** A Handbook of Oral Physiology and Oral Biology Seeley's Principles of Anatomy and Physiology **The Laboratory Mouse** **Vander's Human Physiology** Anatomy & Physiology **Animal Physiology** **Principles of Animal Physiology** **Environmental Physiology of Animals** *Clinical Exercise Physiology* **Modeling of Physiological Flows** *Endocrine Physiology* *How Animals Work* **Deja Review Physiology, Second Edition** **Ganong's Review of Medical Physiology** *Plant Physiology* *Medical Physiology: The Big Picture*

Seeley's Principles of Anatomy and Physiology

Sep 01 2020 SmartBook is the first and only adaptive reading experience. Fueled by LearnSmart - the most widely used and intelligent adaptive learning technology - SmartBook identifies what you know and don't know, and highlights what you need to learn. It even figures out what material you are most likely to forget. SmartBook helps you study smarter, not harder, and get the grades you want.

Quantitative Human Physiology Jan 17 2022

Quantitative Human Physiology: An Introduction is the first text to meet the needs of the undergraduate bioengineering student who is being exposed to physiology for the first time, but requires a more analytical/quantitative approach. This book explores how component behavior produces system behavior in physiological systems. Through text explanation, figures, and equations, it provides the

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engineering student with a basic understanding of physiological principles with an emphasis on quantitative aspects. Features a quantitative approach that includes physical and chemical principles Provides a more integrated approach from first principles, integrating anatomy, molecular biology, biochemistry and physiology Includes clinical applications relevant to the biomedical engineering student (TENS, cochlear implants, blood substitutes, etc.) Integrates labs and problem sets to provide opportunities for practice and assessment throughout the course
NEW FOR THE SECOND EDITION Expansion of many sections to include relevant information Addition of many new figures and re-drawing of other figures to update our understanding and clarify difficult areas Substantial updating of the text to reflect newer research results Addition of several new appendices including statistics, nomenclature of transport carriers, and structural biology of important items such as the neuromuscular junction and calcium release unit

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Addition of new problems within the problem sets
Addition of commentary to power point presentations

Anatomy, Physiology & Disease Jul 23 2022

The Laboratory Mouse Jul 31 2020

The Laboratory Mouse, Second Edition is a comprehensive book written by international experts. With inclusions of the newly revised European standards on laboratory animals, this will be the most current, global authority on the care of mice in laboratory research. This well-illustrated edition offers new and updated chapters including immunology, viruses and parasites, behavior, enrichment and care standards of laboratory mice across the life sciences, medical and veterinary fields. Features four-color illustrations with complete instruction on mouse surgery, anatomy, behavior and care of the mouse in laboratory research Offers additional chapters on new mouse strains, phenotyping of strains, bacteria and parasites, and immunology Includes the newly revised EU

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standards on care, as well as, comparisons to standards and regulations in the US and other countries

Anatomy & Physiology Jun 10 2021

Principles of Animal Physiology Mar 27 2020

Principles of Animal Physiology, Second Edition continues to set a new standard for animal physiology textbooks with its focus on animal diversity, its modern approach and clear foundation in molecular and cell biology, its concrete examples throughout, and its fully integrated coverage of the endocrine system. Carefully designed, full-color artwork guides students through complex systems and processes while in-text pedagogical tools help them learn and remember the material. The book includes the most up-to-date research on animal genetics and genomics, methods and models, and offers a diverse range of vertebrate and invertebrate examples, with a student-friendly writing style that is consistently clear and engaging.

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Gastrointestinal Physiology 2/E Dec 16 2021
Annotation This is a system- and disease-based approach to the aspects of gastrointestinal pathophysiology, essential for an understanding of clinical medicine. Bridging the gap between basic science and clinical medicine, this text provides students with a solid understanding of symptom identification and the underlying disease mechanism.

Essentials of Anatomy and Physiology Aug 12 2021

Physiology Secrets Mar 07 2021 *Physiology Secrets*, 2nd Edition is a good balance of basic physiology and clinical applications with comprehensive coverage of physiology. As basic science courses are increasingly becoming problem-based, with an emphasis on clinical applications of basic science principles, the *Secrets* approach is ideally suited to present this kind of information. In its basic Q & A format, this approach is also especially well suited to focusing on the key information in each area of

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what can be a difficult subject of study. Concise answers with valuable pearls, tips, memory aids, and "secrets" Includes multiple choice "Final Exam" Q&A Raff now editor of leading undergrad physiology book, *Vander's Physiology*. Will have increased name recognition. New chapters include Cell Signaling, Physiology of Bone, Endocrine-Metabolic Integration, Endocrine-Immune Interactions, and Physiology of Aging Raff has become an increasingly major name in Physiology and is now on the author team of the *Vander Physiology* text from McGraw-Hill (competitor to Guyton and Hall) All chapters have been updated and expanded, with special focus on strengthening and expanding the Cardiovascular chapter.

Seeds Jan 05 2021 In response to enormous recent advances, particularly in molecular biology, the authors have revised their warmly received work. This new edition includes updates on seed development, gene expression, dormancy, and other subjects. It will serve as

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the field's standard textbook and reference source for many years to come.

How Animals Work Oct 22 2019 A study of comparative physiology that explains the ways in which specific bodily systems function in different species

Human Physiology Apr 08 2021

Animal Physiology Dec 04 2020

"Comprehensive, contemporary, and engaging, Animal Physiology provides evolutionary and ecological context to help students make connections across all levels of physiological scale"--

Anatomy and Physiology Oct 14 2021

Prokaryotic Metabolism and Physiology Feb 06 2021 Extensive and up-to-date review of key metabolic processes in bacteria and archaea and how metabolism is regulated under various conditions.

A Handbook of Oral Physiology and Oral Biology

Oct 02 2020 This textbook provides a comprehensive overview of the part of dentistry

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that links basic physiologic and pathophysiologic mechanisms to frequently encountered problems in dental practice. Themes that are covered include the structure and function of the Anatomy & Physiology May 29 2020 "Human anatomy and physiology is a fascinating subject. However, students can be overwhelmed by the complexity, the interrelatedness of concepts from different chapters, and the massive amount of material in the course. Our goal was to create a textbook to guide students on a clearly written and expertly illustrated beginner's path through the human body. An Integrative Approach One of the most daunting challenges that students face in mastering concepts in an anatomy and physiology course is integrating related content from numerous chapters. Understanding a topic like blood pressure, for example, requires knowledge from the chapters on the heart, blood vessels, kidneys, and how these structures are regulated by the nervous and endocrine systems. The usefulness of a human anatomy and

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physiology text is dependent in part on how successfully it helps students integrate these related concepts. Without this, students are only acquiring what seems like unrelated facts without seeing how they fit into the whole. To adequately explain such complex concepts to beginning students in our own classrooms, we as teachers present multiple topics over the course of many class periods, all the while balancing these detailed explanations with refreshers of content previously covered and intermittent glimpses of the big picture. Doing so ensures that students learn not only the individual pieces, but also how the pieces ultimately fit together. This book represents our best effort to replicate this teaching process. In fact, it is the effective integration of concepts throughout the text that makes this book truly unique from other undergraduate anatomy and physiology texts"--

Ganong's Review of Medical Physiology Aug 20 2019 The leading text on human physiology

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for more than four decades For more than four decades, Ganong's Review of Medical Physiology has been helping those in the medical field understand human and mammalian physiology. Applauded for its interesting and engagingly written style, Ganong's concisely covers every important topic without sacrificing depth or readability and delivers more detailed, high-yield information per page than any other similar text or review. Thoroughly updated to reflect the latest research and developments in important areas. Ganong's Review of Medical Physiology incorporates examples from clinical medicine to illustrate important physiologic concepts. More than 600 full-color illustrations Two types of review questions: end-of-chapter and board-style NEW! Increased number of clinical cases and flow charts

Medical Physiology : The Big Picture Sep 13 2021 Get the BIG PICTURE of Medical Physiology -- and focus on what you really need to know to ace the course and board exams! 4-

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Star Doody's Review! "This excellent, no-frills approach to physiology concepts is designed to help medical students and other health professions students review the basic concepts associated with physiology for the medical profession. The information is concise, accurate and timely." If you don't have unlimited study time Medical Physiology: The Big Picture is exactly what you need! With an emphasis on what you "need to know" versus "what's nice to know," and enhanced with 450 full-color illustrations, it offers a focused, streamlined overview of medical physiology. You'll find a succinct, user-friendly presentation designed to make even the most complex concepts understandable in a short amount of time. With just the right balance of information to give you the edge at exam time, this unique combination text and atlas features: A "Big Picture" perspective on precisely what you must know to ace your course work and board exams Coverage of all the essential areas of Physiology,

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including General, Neurophysiology, Blood, Cardiovascular, Pulmonary, Renal and Acid Base, Gastrointestinal, and Reproductive 450 labeled and explained full-color illustrations 190 board exam-style questions and answers -- including a complete practice test at the end of the book Special icon highlights important clinical information

Guyton and Hall Textbook of Medical Physiology
Feb 18 2022 The 13th edition of Guyton and Hall Textbook of Medical Physiology continues this bestselling title's long tradition as the world's foremost medical physiology textbook. Unlike other textbooks on this topic, this clear and comprehensive guide has a consistent, single-author voice and focuses on the content most relevant to clinical and pre-clinical students. The detailed but lucid text is complemented by didactic illustrations that summarize key concepts in physiology and pathophysiology. Larger font size emphasizes core information around how the body must maintain homeostasis

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in order to remain healthy, while supporting information and examples are detailed in smaller font and highlighted in pale blue. Summary figures and tables help quickly convey key processes covered in the text. Bold full-color drawings and diagrams. Short, easy-to-read, masterfully edited chapters and a user-friendly full-color design. Brand-new quick-reference chart of normal lab values on the inside back cover. Increased number of figures, clinical correlations, and cellular and molecular mechanisms important for clinical medicine. Student Consult eBook version included with purchase. This enhanced eBook experience includes the complete text, interactive figures, references, plus 50 self-assessment questions and more than a dozen animations.

Animal Physiology Apr 27 2020

Animal Physiology Oct 26 2022 Published by Sinauer Associates, an imprint of Oxford University Press.

Clinical Exercise Physiology Jan 25 2020 This

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text will focus on the underlying causes of various disease states, the manifestation of symptoms, the use of exercise as a diagnostic tool, the utility of exercise as a rehabilitative vehicle, and the use of exercise to monitor and evaluate clinical progress. The book will describe the new developments in clinical research and technology associated with diagnoses and treatment, as well as the techniques and methods of exercise prescription and subsequent evaluation and progress. With both national and international experts contributing chapters in their respective fields, this book's strength is in its broad-based appeal, its utility as a textbook and as a reference text, and its well-balanced approach to medicine, applied physiology, and pathology.

Compatibility: BlackBerry(R) OS 4.1 or Higher / iPhone/iPod Touch 2.0 or Higher /Palm OS 3.5 or higher / Palm Pre Classic / Symbian S60, 3rd edition (Nokia) / Windows Mobile(TM) Pocket PC (all versions) / Windows Mobile Smartphone /

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Windows 98SE/2000/ME/XP/Vista/Tablet PC
Environmental Physiology of Animals Feb 24
2020 The new and updated edition of this
accessible text provides a comprehensive
overview of the comparative physiology of
animals within an environmental context.
Includes two brand new chapters on Nerves and
Muscles and the Endocrine System. Discusses
both comparative systems physiology and
environmental physiology. Analyses and
integrates problems and adaptations for each
kind of environment: marine, seashore and
estuary, freshwater, terrestrial and parasitic.
Examines mechanisms and responses beyond
physiology. Applies an evolutionary perspective
to the analysis of environmental adaptation.
Provides modern molecular biology insights into
the mechanistic basis of adaptation, and takes
the level of analysis beyond the cell to the
membrane, enzyme and gene. Incorporates more
varied material from a wide range of animal
types, with less of a focus purely on terrestrial

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reptiles, birds and mammals and rather more
about the spectacularly successful strategies of
invertebrates. A companion site for this book
with artwork for downloading is available at:
www.blackwellpublishing.com/willmer/
Plants and Microclimate Nov 03 2020 A
STUDY OF PLANTS-CLIMATE AND THE
IMPACTS OF CHANGE UPON VEGETATION.
Handbook of Cardiac Anatomy, Physiology, and
Devices Apr 20 2022 This book covers the latest
information on the anatomic features, underlying
physiologic mechanisms, and treatments for
diseases of the heart. Key chapters address
animal models for cardiac research, cardiac
mapping systems, heart-valve disease and
genomics-based tools and technology. Once
again, a companion of supplementary videos
offer unique insights into the working heart that
enhance the understanding of key points within
the text. Comprehensive and state-of-the art, the
Handbook of Cardiac Anatomy, Physiology and
Devices, Third Edition provides clinicians and

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biomedical engineers alike with the authoritative information and background they need to work on and implement tomorrow's generation of life-saving cardiac devices.

Ross & Wilson Anatomy and Physiology in Health and Illness E-Book Jul 11 2021 The new edition of the hugely successful Ross and Wilson Anatomy & Physiology in Health and Illness continues to bring its readers the core essentials of human biology presented in a clear and straightforward manner. Fully updated throughout, the book now comes with enhanced learning features including helpful revision questions and an all new art programme to help make learning even easier. The 13th edition retains its popular website, which contains a wide range of 'critical thinking' exercises as well as new animations, an audio-glossary, the unique Body Spectrum© online colouring and self-test program, and helpful weblinks. Ross and Wilson Anatomy & Physiology in Health and Illness will be of particular help to readers new to the

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subject area, those returning to study after a period of absence, and for anyone whose first language isn't English. Latest edition of the world's most popular textbook on basic human anatomy and physiology with over 1.5 million copies sold worldwide Clear, no nonsense writing style helps make learning easy Accompanying website contains animations, audio-glossary, case studies and other self-assessment material, the unique Body Spectrum© online colouring and self-test software, and helpful weblinks Includes basic pathology and pathophysiology of important diseases and disorders Contains helpful learning features such as Learning Outcomes boxes, colour coding and design icons together with a stunning illustration and photography collection Contains clear explanations of common prefixes, suffixes and roots, with helpful examples from the text, plus a glossary and an appendix of normal biological values. Particularly valuable for students who are completely new to the

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subject, or returning to study after a period of absence, and for anyone whose first language is not English All new illustration programme brings the book right up-to-date for today's student Helpful 'Spot Check' questions at the end of each topic to monitor progress Fully updated throughout with the latest information on common and/or life threatening diseases and disorders Review and Revise end-of-chapter exercises assist with reader understanding and recall Over 150 animations - many of them newly created - help clarify underlying scientific and physiological principles and make learning fun

Ganong's Review of Medical Physiology, Twenty sixth Edition May 09 2021 The leading text on human physiology for more than four decades—enhanced by all new video tutorials For more than four decades, Ganong's Review of Medical Physiology has been helping those in the medical field understand human and mammalian physiology. Applauded for its

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interesting and engagingly written style, Ganong's concisely covers every important topic without sacrificing depth or readability, and delivers more detailed, high-yield information per page than any other similar text or review. Thoroughly updated to reflect the latest research and developments in important areas such as chronic pain, reproductive physiology, and acid-base homeostasis, Ganong's Review of Medical Physiology, Twenty-Sixth Edition incorporates examples from clinical medicine to illustrate important physiologic concepts. Ganong's will prove valuable to students who need a concise review for the USMLE, or physicians who want to keep pace with the ever-changing world of medical physiology. •More than 600 full-color illustrations•Two types of review questions: end-of-chapter and board-style•NEW! Increased number of clinical cases and flow charts•NEW! Video tutorials from the author; high-yield Frequently Asked Question feature with detailed explanations; improved

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legends that eliminate the need to refer back to the text

Gastrointestinal Physiology 2/E Jun 22 2022

Gain a complete understanding of the functioning of the gastrointestinal system with this concise, engagingly written text. Gastrointestinal Physiology explains the operation and performance of one of the body's most crucial systems. Using clear, compelling language, the book's presentation makes it easy to absorb the content and integrate it as you learn the physiology of other bodily systems. Written to help you understand essential concepts rather than merely memorize facts, this unique text examines many medically relevant facets of this important body system, including anatomy, pathophysiology, and therapeutics, in concert with physiological information.

FEATURES: Provides a thorough review of core concepts and highlights clinical application. Covers the physiologic principles needed to understand and treat patients with digestive and

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liver diseases. Includes clinical examples that link basic science with the practice of medicine. Incorporates new information on emerging topics such as the communication between the intestine and central nervous system that controls food intake, the myriad roles newly ascribed to the intestinal microbiota, contemporary approaches to therapy for a number of GI maladies, and the role of the gut in obesity. Enhanced by valuable learning aids such as study questions, learning objectives, key concepts, numerous illustrations and charts, and recommended readings.

Anatomy & Physiology: An Integrative Approach Nov 15 2021

McKinley/O'Loughlin/Bidle: Anatomy & Physiology: An Integrative Approach, 2e brings multiple elements of the study of A&P together in ways that maximize understanding. Text discussions provide structural details in the context of their functional significance to integrate coverage of anatomy and physiology in

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each chapter. Chapters emphasize the interdependence of body systems by weaving prior coverage of one system into textual explanations of how other systems work. These system relationships are also covered in “Integrate: Concept Connection” boxes. All figures are carefully designed to support the text narrative, and carry brief textual explanations to make figures self-contained study tools. Special “Concept Overview” figures in each chapter tie together multi-faceted concepts in 1- or 2-page visual summaries. Applications are presented in “Integrate: Clinical View” boxes to apply chapter content using clinical examples that show students what can go wrong in the body, to help crystallize understanding of the “norm.” Critical Thinking questions in “What Do You Think?” engage students in application or analysis to encourage students to think more globally about the content; ‘What Did You Learn’ are mini self-tests at the end of each section that assess whether students have a sufficient grasp of the

content before moving on. End-of-chapter “Challenge Yourself” assessments include ‘Do You Know the Basics’, “Can You Apply What You've Learned?”, and “Can You Synthesize What You've Learned?” question sets. Career opportunities pursued by students studying A&P are highlighted at the beginning of each chapter. Everyday analogies and practical advice for remembering material are presented in “Integrate: Learning Strategy” boxes. Chapters end with a summary of media tools available to help learn each chapter's content. Users who purchase Connect Plus receive access to the full online ebook version of the textbook.

Medical Physiology: The Big Picture Jun 17 2019
Get the BIG PICTURE of Medical Physiology -- and focus on what you really need to know to ace the course and board exams! 4-Star Doody's Review! "This excellent, no-frills approach to physiology concepts is designed to help medical students and other health professions students review the basic concepts associated with

physiology for the medical profession. The information is concise, accurate and timely." If you don't have unlimited study time Medical Physiology: The Big Picture is exactly what you need! With an emphasis on what you "need to know" versus "what's nice to know," and enhanced with 450 full-color illustrations, it offers a focused, streamlined overview of medical physiology. You'll find a succinct, user-friendly presentation designed to make even the most complex concepts understandable in a short amount of time. With just the right balance of information to give you the edge at exam time, this unique combination text and atlas features: A "Big Picture" perspective on precisely what you must know to ace your course work and board exams Coverage of all the essential areas of Physiology, including General, Neurophysiology, Blood, Cardiovascular, Pulmonary, Renal and Acid Base, Gastrointestinal, and Reproductive 450 labeled and explained full-color illustrations 190

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board exam-style questions and answers -- including a complete practice test at the end of the book Special icon highlights important clinical information

Deja Review Physiology, Second Edition Sep 20 2019 Sales Handle This high-yield, rapid-fire Q&A book is written by students for students to help first and second year medical students review physiology for their course exams as well as prepare for the USMLE Step 1. About the Book The Deja Review series helps you "Remember what you already know"; the flashcard format helps medical students recall the most important, must-know facts and concepts covered in their course work for physiology. This rapid-fire question & answer review book allows students to quickly navigate through the information needed for their course exams and USMLE Step 1. Active recall questions reinforce correct answers to enhance learning - not just passive memorization.

Physiology is a required course in many medical
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schools, and heavily covered on USMLE Step 1. Mnemonics and keywords sprinkled throughout the text facilitate focus on core facts, while clinical vignettes at the end of each chapter allow students to reflect on the topic they have just read. This book will publish with seven other basic science books in the DeJa Review series, along with USMLE Step1 and USMLE Step 2 review books for a total of 10 new editions in Fall 2010. BBD: 6/18/2010 In-Store Date: 7/1/2010 Pub Month: July 2010 Features Rapid Recall Q and A format simulates flashcards in a book. Keywords and mnemonics highlighted throughout the text. NEW figures. Expanded chapter on Reproductive Physiology Clinical vignette review questions at the end of each chapter. Contributions by med students who aced the USMLE. Two column format allows for "flashcard" use of Q&A USMLE-format vignettes at the end of each chapter provide review of material covered in a clinical presentation. Clinical correlations of basic science throughout

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the text help students prepare for course work and board exams. Content complements other review material and works in conjunction with other larger course books. Portable size for use on the go Chapters written by med students ensures the most up-to-date coverage of content actually covered on course exam and USMLE Market / Audience Primary Market: First and second year US and Canadian medical students preparing for USMLE Step 1: 17,000 Secondary Market: International MD USMLE Step 1 test-takers: 16,000 DO Students USMLE Step 1 test-takers: 1,500 About the Authors Reviews "I think this book would be great for USMLE review as well as Physiology course work...I think this book did a great job putting the right amount of details to help students prepare for the course exams as well as the USMLE." -- Sheree Perron, EVMS, M2

Modeling of Physiological Flows Dec 24 2019

This book offers a mathematical update of the state of the art of the research in the field of

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mathematical and numerical models of the circulatory system. It is structured into different chapters, written by outstanding experts in the field. Many fundamental issues are considered, such as: the mathematical representation of vascular geometries extracted from medical images, modelling blood rheology and the complex multilayer structure of the vascular tissue, and its possible pathologies, the mechanical and chemical interaction between blood and vascular walls, and the different scales coupling local and systemic dynamics. All of these topics introduce challenging mathematical and numerical problems, demanding for advanced analysis and efficient simulation techniques, and pay constant attention to applications of relevant clinical interest. This book is addressed to graduate students and researchers in the field of bioengineering, applied mathematics and medicine, wishing to engage themselves in the fascinating task of modeling the cardiovascular

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system or, more broadly, physiological flows. [Animal Physiology](#) Sep 25 2022 This textbook explores the structure and function of animals. Readers will gain knowledge on the diversity, as well as similarities of animal physiologies -- at the microscopic as well as macroscopic level. Topics include general physiology (tissues and organ systems, sensory reception, respiration, digestion etc.), genetics and reproduction, and evolution. Animal physiology is the study of how animals function. This volume is designed to survey molecular and cellular physiology as well as the major physiological systems and how these systems function to maintain homeostasis in various environments.

Vander's Human Physiology Jun 29 2020 The fundamental purpose of this textbook is to present the principles and facts of human physiology in a format that is suitable for undergraduates regardless of academic background or field of study. The eleventh edition, carries on the tradition of clarity and

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accuracy, while refining and updating the content to meet the needs of today's instructors and students. The eleventh edition features a streamlined, clinically oriented focus to the study of human body systems. It has also responded to reviewer requests for more clinical applications. Chapter 19 is new and contains three complete case studies. Physiology Inquiries have also been added to many figures throughout the chapters.

Animal Physiology Aug 24 2022 This text presents all the branches of modern animal physiology with a strong emphasis on integration among physiological disciplines, ecology, and evolutionary biology.

Plant Physiology Jul 19 2019 This book examines three ways plants respond to their changing environment. The first example can be found in all plants. Despite the extreme changes in weather, plants have to stay where they are and respond to whatever nature produces. Plants have the capacity to respond quickly and

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yet they can evolve in a single generation. The second example addresses how an individual leaf has to respond rapidly and repeatedly to maintain the proper balance of carbon dioxide (CO₂) and water so that it can photosynthesize but not dry out. This delicate balance is governed by a pair of cells that regulate the size of openings on leaves. The final chapter examines a unique example of a leaf that can move fast enough to trap insects and digest them. This book presents data that led to our understanding of how plants function on different time scales.

The Pigmentary System Mar 19 2022 The most comprehensive and integrated book on pigmentation The Pigmentary System, Second Edition, gathers into one convenient, all-inclusive volume a wealth of information about the science of pigmentation and all the common and rare clinical disorders that affect skin color. The two parts, physiology (science) and pathophysiology (clinical disorders), are

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complementary and annotated so that those reading one part can easily refer to relevant sections in the other. For the clinician interested in common or rare pigment disorders or the principles of teaching about such disorders, this book provides an immediate and complete resource on the biologic bases for these disorders. For the scientist studying the biology of melanocyte function, the book provides a list of disorders that are related to basic biological functions of melanocytes. New features of this Second Edition include: Completely new section on the basic science of pigmentation - explaining the integration of melanocyte functions with other epidermal cells and with various organ systems like the immune system New chapters on pigmentary disorders related to intestinal diseases, the malignant melanocyte, benign proliferations of melanocytes (nevi) and phototherapy with narrow band UV All clinical chapters include the latest genetic findings and advances in therapy More than 400 color images

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of virtually all clinical disorders The book is ideal for all dermatologists and especially those interested in disorders of pigmentation. It is of particular use for pediatric dermatologists and medical geneticists caring for patients with congenital and genetic pigmentary disorders. This authoritative volume will fill the gap for dermatology training programs that do not have local experts on pigmentation. Basic and cosmetic scientists studying pigmentation and melanocytes will find the science and clinical correlations very useful in showing human significance and relevance to the results of their studies.

Endocrine Physiology Nov 22 2019 Market: First Year Medical students, Nurse Practitioner students, and Physician Assistant students Topics covered will be tested on USMLE Step I Each chapter includes self-study questions, learning objectives, and clinical examples Two important areas have been updated: the first pertains to hormonal regulation of bone

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metabolism and the second to hormonal aspects of obesity and metabolic syndrome
Anatomy & Physiology: The Unity of Form and Function May 21 2022 Master the story of Anatomy & Physiology with Saladin's Anatomy & Physiology: The Unity of Form and Function! Saladin's A&P helps students make connections by telling a story that will intrigue, engage, and inspire them. Saladin expertly weaves together science, clinical applications, history and

evolution of the body with vibrant photos and art to convey the beauty and excitement of the subject. A consistent set of chapter learning tools helps students identify and retain key concepts while the stunning visual program provides a realistic view of body structures and processes. Saladin's text requires no prior knowledge of college chemistry or cell biology, and is designed for a two-semester A&P course.