

Color Atlas Of Biochemistry

Offers an elaborate overview of the most frequent diseases in hunting falcons. The most important diseases caused by bacteria, viruses, fungi and protozoa are described in association with clinical symptoms as well as pathological and histological findings. A separate chapter deals with haematology and clinical chemistry of falcons.

The complex but fascinating field of embryology is presented in this easy-to-understand Thieme Flexibook, complete with 176 color plates. Since the information relevant to medical students is separated from that needed by biologists, both can learn in a focused and time-saving manner. The overview at the beginning of each chapter is also an excellent aid to students. Physicians, biologists and students can delve into any number of topics: from the basics of reproductive biology to general embryology, including the "hot topics" related to cellular and molecular biology.

Color Atlas Of Biochemistry

Introducing an essential new practical atlas for dental students and clinicians alike! The Color Atlas of Oral and Maxillofacial Diseases provides comprehensive, practical information on the most common oral and maxillofacial diseases and disorders. This new text uses a quick-access atlas format to help you easily look up clinical signs, diagnosis, and treatments. Nearly 750 high-quality images accompanied by brief narratives demonstrate exactly what clinical signs to look for - making an intervention as timely as possible. Written by four of the top dental authorities in the world, this concise resource is sure to become a clinical favorite. NEW! Quick-access atlas format makes it easy to look up clinical signs, diagnosis, and treatment of oral and maxillofacial diseases NEW! Nearly 750 high-quality radiographs and color clinical photos facilitate the identification of lesions and diseases. NEW! Comprehensive, focused coverage highlight diseases that may affect the oral and maxillofacial regions. NEW! Full-color design and illustrations. NEW! Logical organization reflects the sequence in which content is generally presented to predoctoral students

Netter’s Essential Biochemistry E-Book
A Diagnostic Guide and Color Atlas

Color Atlas and Text

Color Atlas of Immunology

Textbook and Atlas

Now over 70,000 copies sold! This comprehensively revised edition of Clinical Biochemistry offers essential reading for today’s students of medicine and other health science disciplines - indeed, anyone who requires a concise, practical introduction to the subject. Topics are clearly presented in a series of double-page ‘learning units’, each covering a particular aspect of clinical biochemistry. Four sections provide a core grounding in the subject: Introducing clinical biochemistry gives an insight into how modern hospital laboratories work, and includes an entirely new series of learning units on the interpretation of test results Core biochemistry covers the bulk of routine analyses, and their relevance to the clinical setting Endocrinology provides an overview of endocrine investigations as well as a practical approach to thyroid, adrenal, pituitary and gonadal function testing Specialised investigations embraces an assortment of other topics that students may encounter This edition represents the most radical revision of the book to date. Every learning unit has been examined and updated to reflect current developments and clinical best practice. Entirely new material includes a series of learning units on interpretation and analytical aspects of clinical biochemistry. Coverage of fluid biochemistry is now more comprehensive. New “Want to know more?” links throughout the book point readers to relevant further information. (Printed version) now includes the complete eBook version for the first time - downloadable for anytime access and enhanced with new, interactive multiple choice questions for each section, to test your understanding and aid exam preparation.

The seventh edition of this book is a comprehensive guide to biochemistry for medical students. Divided into six sections, the book examines in depth topics relating to chemical basics of life, metabolism, clinical and applied biochemistry, nutrition, molecular biology and hormones. New chapters have been added to this edition and each chapter includes clinical case studies to help students understand clinical relevance. A 274-page free booklet of revision exercises (9789350906378), providing essay questions, short notes, viva voce and multiple choice questions is included to help students in their exam preparation. Free online access to additional clinical cases, key concepts and an image bank is also provided. Key points Fully updated, new edition providing students with comprehensive guide to biochemistry Includes a free booklet of revision exercises and free online access Highly illustrated with nearly 1500 figures, images, tables and illustrations Previous edition published in 2010

Color Atlas of BiochemistryThieme

Books on pathophysiology tend to specialize in a certain field such as endocrine or cardiovascular pathophysiology. This is the only pocket atlas that treats aspects of pathophysiology for all important disorders. The book's organization gives the reader quick access to the informative texts and the 181 comprehensive and clear color images. Informative images show the causal relationships between disturbances of physiological processes and the resulting malfunction and illness. This flexi is designed both as a reference both for the student preparing for exams and the trained physician wishing to update his knowledge on pathophysiology.

Biochemical Pathways

Atlas of Chick Development

Hepatology

Examination-Diagnosis-Treatment

Color Atlas of Allergic Diseases

Concise writing, a focus on clinical applications, and superb illustrations make Netter’s Essential Biochemistry, by Peter Ronner, PhD, the perfect choice for a basic understanding of biochemistry.. A single expert voice, informed by the insights of a team of reviewers, provides continuity throughout the text, presenting essentials of biochemical principles step by step. Summary diagrams help you grasp key concepts quickly, and end-of-chapter questions reinforce key concepts. Provides a highly visual, reader-friendly approach to the challenging area of biochemistry. Integrates the clinical perspective throughout the text, giving context and meaning to biochemistry. Frames every chapter with helpful synopses and summaries, and ends each chapter with review questions that reinforce major themes. Illustrates key concepts with beautifully clear drawings and diagrams of biochemical processes which are supplemented with art from the renowned Netter collection, bridging basic sciences with clinical practice.

Ophthalmology relies heavily on the practitioner’s ability to visually recognize ocular features and abnormalities. This atlas contains hundreds of full-color pictures of normal and diseased eyes and related structures of dogs and cats as they might be seen during an ocular examination to facilitate visual recognition of problems for accurate diagnosis and treatment. Features over 800 vivid full-color illustrations that aid in the recognition of structures and lesions. Works as a wonderful companion piece to Slatter: Fundamentals of Veterinary Ophthalmology. Features pictures of both normal and diseased eyes and related structures of dogs and cats to aid in the identification and diagnosis of conditions encountered during ocular examination. Features a consistent, systematic organization from anterior to posterior, including the orbit, in an easy-to-use format.

Every researcher or diagnostician working with reptiles has faced the challenge of identifying reptile hemoparasites and then determining whether they are of importance or merely incidental. Another challenge is how to easily find the information required to make the proper identification. A distillation of knowledge from world-renowned expert Sam R. Telford, Jr., Hemoparasites of the Reptilia: Color Atlas and Text provides a comprehensive compilation of information on how to differentiate between the myriad species of reptile hemoparasites. The atlas provides diagnoses for 262 species of plasmodiids, hemogregarines, hemococcidians, trypanosomes, and leishmanias, including descriptions of eight new species or new taxonomic designations. It also discusses lesser known groups, such as ploriplasms, rickettsias, chlamydia, and erythrocytic viruses. Each genus and many species are represented among the 166 taxa illustrated in color. The species accounts contain host and geographic distribution, with precise localities when possible, prevalence, life cycles and vectors when known, effects upon the host, and ecology of the host-parasite relationship, morphological variation, and an exhaustive bibliography. The book also includes an illustrated key showing diagnostic characters. Telford draws on his 45 years of experience and his personal collection, considered the world’s most complete, to provide information on the morphology of the unicellular parasites of reptilian blood. He includes information from hard-to-find original papers and articles from sources throughout the world. The illustrated key and photomicrographs from Telford’s collection make identifying species quicker and easier.

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 matchless illustrations that make concepts come to life. Master all the latest biochemistry knowledge, thanks to extensive revisions and updated content throughout, including an expanded chapter on macronutrients, a completely new chapter on micronutrients, and much more. A bonus chapter on blood clotting with new, additional questions is included online. See how biochemistry applies to everyday healthcare through integrative, chapter-based cases as well as “Clinical” boxes throughout. Learn and study effortlessly with a concise outline format, abundant full-color artwork, and chapter overviews and summaries. Look for icons that signal an animation at thePoint or an integrative clinical case in the Appendix. Assess and reinforce your learning with more than 200 new review questions available online.

Color Atlas of ENT Diagnosis

Color Atlas of Diseases and Disorders of the Foal

An Atlas of Biochemistry and Molecular Biology

Color Atlas of Genetics

Canine and Feline Cytology

Totally revised and expanded, Color Atlas of Biochemistry presents the fundamentals of human and mammalian biochemistry on 215 stunning color plates. Alongside a short introduction to chemistry and the classical topics of biochemistry, the second edition covers new approaches and aspects in biochemistry, such as links between chemical structure and biological function or pathways for information transfer, as well as recent developments and discoveries, such as the structures of many new important molecules. Key features include: The unique combination of highly effective color graphics and comprehensive figure legends Unified color-coding of atoms, coenzymes, chemical classes, and cell organelles that allows quick recognition of all involved systems Computer graphics provide simulated 3D representation of many important molecules This Flexibook is ideal for students of medicine and biochemistry and a valuable source of reference for practitioners.

This unique visual reference presents more than 750 brilliant, four-color images of bacterial isolates commonly encountered in diagnostic microbiology and the methods used to identify them, including microscopic and phenotypic characteristics, colony morphology, and biochemical properties. Chapters cover the most important bacterial pathogens and related organisms, including updated taxonomy, epidemiology, pathogenicity, laboratory and antibiotic susceptibility testing, and molecular biology methodology Tables summarize and compare key biochemical reactions and other significant characteristics New to this edition is a separate chapter covering the latest developments in total laboratory automation The comprehensive chapter on stains, media, and reagents is now augmented with histopathology images A new Fast Facts chapter presents tables that summarize and illustrate the most significant details for some of the more commonly encountered organisms For the first time, this easy-to-use atlas is available digitally for enhanced searching. Color Atlas of Medical Bacteriology remains the most valuable illustrative supplement for lectures and laboratory presentations, as well as for laboratorians, clinicians, students, and anyone interested in diagnostic medical bacteriology.

This fully revised and updated fourth edition contains 745 full-color illustrations on histology and cytology. Superb, high-quality microphotographs and pathologic stains are accompanied by legends, informative texts and numerous cross-references.

Color Atlas of Diseases & Disorders of the Foal is intended for any veterinarian who treats foals, either occasionally or on a routine basis, and serves as an invaluable source of practical clinical information. The illustrations cover all aspects of clinical presentation, diagnosis, treatments, and outcomes and provide a clear picture of what veterinarians should be looking for, perfect for timely intervention and more successful outcomes. Plus, two highly experienced editors share their expertise along with contributions from many well-known and highly respected veterinarians. The most comprehensive information available. Brief text and clear pictures demonstrate exactly what symptoms to look for, allowing for more timely intervention. The user-friendly content includes detailed descriptions of the most common disorders and brief descriptions of rare diseases. Answers common questions like: What is normal? How would I know if something is wrong? What does X-disease look like? High quality images and illustrations accurately depict each disease or disorder, allowing for a faster and more accurate diagnosis.

Color Atlas of Brainstem Surgery

Clinical Biochemistry E-Book

An Illustrated Colour Text

Biochemistry Demystified

Color Atlas of Biochemistry, 2nd Ed

The pathways and networks underlying biologicalfunction Now in its second edition, Biochemical Pathways continueso garner praise from students, instructors, and researchers forits clear, full-color illustrations of the pathways and networksthat determine biological function. Biochemical Pathways examines the biochemistry ofbacteria, plants, and animals. It offers a quick overview of themetabolic sequences in biochemical pathways, the chemistry andenzymology of conversions, the regulation of turnover, theexpression of genes, the immunological interactions, and themetabolic background of health disorders. A standard set ofconventions is used in all illustrations, enabling readers toeasily gather information and compare the key elements of differentbiochemical pathways. For both quick and in-depth understanding,the book uses a combination of: Illustrations integrating many different features of thereactions and their interrelationships Tables listing the important system components and theirfunction Text supplementing and expanding on the illustrated facts In the second edition, the volume has been expanded by 50percent. Text and figures have undergone a thorough revision andupdate, reflecting the tremendous progress in biochemical knowledgin recent years. A guide to the relevant biochemical databasesfacilitates access to the extensive documentation of scientificknowledge. Biochemical Pathways, Second Edition is recommended forall students and researchers in such fields as biochemistry,molecular biology, medicine, organic chemistry, and pharmacology. The book’s illustrated pathways aids the reader in understandingthe complex set of biochemical reactions that occur in biological systems. From the reviews of: “... highly recommended for every scientist and studentworking in biochemistry.” – Umwelt & Gesundheit14/2012 (review in German language)

Color Atlas of Equine Pathology offers a practical guide to identifying equine diseases, presenting a single resource without more than 1000 images showing predominantly gross pathology.Organized by body systems, the book allows for picture matchingduring or after an equine necropsy. In this user-friendly atlas,each chapter takes a common format, presenting the disease processes well as congenital, degenerative, inflammatory, and neoplasticsequences, with text boxes offering quick reference to keyinformation. The book begins with an introductory chapter summarizing theprinciples of the equine field necropsy, and subsequent organ-basedchapters depict gross features of disease, focusing on macroscopicdigital images supplemented by histology and immunohistochemistrywhen necessary. Some clinical information for correlationwith pathology is included. Color Atlas of EquinePathology is an essential resource for diagnostic veterinarypathologists and pathology residents, as well as for equinepractitioners performing necropsies in the field. Key features Presents more than 1,000 high-quality color images showingprimarily gross pathology and significant histopathology andindirect immunohistochemistry Aids identification of equine disease, with a user-friendlyformat to show the correlations between clinical signs andgross microscopic lesions Provides a comparison guide for clinical presentations duringor after an equine necropsy Offers a synopsis of the principles of the equine fieldnecropsy Covers diseases found in the neonate, juvenile, and adulthorse Focuses on diseases usually found in North America

Combining essential hematology content with the diagnostic features of an atlas, Veterinary Hematology: A Diagnostic Guide and Color Atlas delivers all the information you need to accurately assess and diagnose the blood diseases of common domestic animals — including dogs, cats, horses, cattle, sheep, goats, pigs, and llamas. This all-in-one resource utilizes a clinically-oriented and user-friendly approach to guide you through the processes of selecting relevant diagnostic tests, collecting and preparing samples, interpreting sample results, and determining their clinical significance. High-resolution photomicrographs, full-color illustrations, and excellent schematic drawings, tables, and quick-reference algorithms help you clearly visualize these concepts and procedures. Two books in one gives you the information of a user-friendly, clinical textbook and the diagnostic features of a color atlas in a single reference. Practical, clinically-relevant text is comprehensive and yet concise in its delivery of vital information such as: Principles and procedures that are employed in recognizing normal, abnormal, and artifactal samples and developing accurate diagnoses Common cytochemical stains and summary charts for interpretation Sample collection, staining procedures, and diagnostic techniques Differentiating features of malignant and benign hematologic disorders Miscellaneous cells and blood parasites and their significance in the evaluation of blood smears Hematopoietic and non-hematopoietic neoplasms High- resolution photomicrographs and excellent schematic drawings, tables, boxes and quick-reference algorithms aid your understanding of basic clinical concepts and differential diagnostic considerations. Over 800 full-color illustrations help you clearly visualize the concepts and clinical features of the blood and bone marrow — from normal cell maturation to the development of various pathologies.

Extensively revised, the fourth edition of this highly successful book takes into account the many newly determined protein structures that provide molecular insight into chemiosmotic energy transduction, as well as reviewing the explosive advances in ‘mitochondrial physiology’-the role of the mitochondria in the life and death of the cell. Covering mitochondria, bacteria and chloroplasts, the fourth edition of Bioenergetics provides a clear and comprehensive account of the chemiosmotic theory and its many applications. The figures have been carefully designed to be memorable and to convey the key functional and mechanistic information. Written for students and researchers alike, Bioenergetics is the most well-known, current and respected text on chemiosmotic theory and membrane bioenergetics available. BMA Medical Book Awards 2014-Highly Commended, Basic and Clinical Sciences,2014,British Medical Association Chapters are now divided between three interlocking sections: basic principles, structures and mechanisms, and mitochondrial physiology. Covers new advances in the structure and mechanism of key bioenergetic proteins, including complex I of the respiratory chain and transport proteins. Details cellular bioenergetics, mitochondrial cell biology and signal transduction, and the roles of mitochondria in physiology, disease and aging. Offers readers clear, visual representation of structural concepts through full colour figures throughout the book.

Color Atlas of Physiology

Colour Atlas of Falcon Medicine

Color Atlas of Pathophysiology

Koneman’s Color Atlas and Textbook of Diagnostic Microbiology

Color Atlas of Equine Pathology

Despite the many advances in diagnostic technologies and imaging modalities in recent years, otoscopy remains the first endo-otoscopic option in the diagnosis of otologic disease. This is an easy-to-consult book for residents and specialists, featuring brilliant diagnostic images from the newest generation of endoscopic otoscopes. Written by a renowned team of experts with 30 years of experience, this book helps readers obtain proficiency in otoscopy and in the interpretation of findings. Readers will learn what clinical consequences the diagnosis may have through case examples and treatment suggestions. Key Features: Richly illustrated with over 1000 mostly full-color photographs and many histological studies Shows a vast range of common and rare pathologies that can be visualized and assessed via endo-otoscopy Juxtaposes, when appropriate, the clinical picture, radiological diagnosis, and intraoperative findings with the endo-otoscopic findings of the patient In each chapter, a surgical summary lists various approaches that may be used to optimally plan treatment of the patient A special final chapter covers the assessment of postsurgical findings as seen in otoscopy, so as to distinguish between normal healing and changes that may require further intervention Color Atlas of Endo-Otoscopy, produced with the support of Mario Sanna Foundation, is certain to become a valuable tool for all physicians involved in the care of patients with ear ailments.

Handbook of Proteolytic Enzymes, Second Edition, Volume 1: Aspartic and Metallo Peptidases is a compilation of numerous progressive research studies on proteolytic enzymes. This edition is organized into two main sections encompassing 328 chapters. This handbook is organized around a system for the classification of peptidases, which is a hierarchical one built on the concepts of catalytic type, clan, family and peptidase. The concept of catalytic type of a peptidase depends upon the chemical nature of the groups responsible for catalysis. The recognized catalytic types are aspartic, cysteine, metallo, serine, threonine, and the unclassified enzymes, while clans and families are groups of homologous peptidases. Homology at the level of a family of peptidases is shown by statistically significant relationship in amino acid sequence to a representative member called the type example, or to another member of the type example. Each chapter discusses the history, activity, specificity, structural chemistry, preparation, and biological aspects of the enzyme. This book will prove useful to enzyme chemists and researchers.

Now in striking full color, this Seventh Edition of Koneman ’s gold standard text presents all the principles and practices readers need for a solid grounding in all aspects of clinical microbiology—bacteriology, mycology, parasitology, and virology. Comprehensive, easy-to-understand, and filled with high quality images, the book covers cell and structure identification in more depth than any other book available. This fully updated Seventh Edition is enhanced by new pedagogy, new clinical scenarios, new photos and illustrations, and all-new instructor and student resources. Master the art and science of specimen collection, preparation, and evaluation with Canine & Feline Cytology: A Color Atlas and Interpretation Guide, Second Edition. This easy-to-use guide covers all body systems and fluids including a special chapter on acquisition and management of cytology specimens. Hundreds of vivid color images of normal tissue alongside abnormal tissue images — plus concise summaries of individual lesions and guidelines for interpretation - will enhance your ability to confidently face any diagnostic challenge. A greatly expanded image collection, with more than 1,200 vivid, full-color photomicrographic illustrations depicting multiple variations of normal and abnormal tissue for fast and accurate diagnosis. Clear, concise descriptions of tissue sampling techniques, slide preparation and examination guidelines. Helpful hints for avoiding technical pitfalls and improving diagnostic quality of specimens. Includes all body systems and fluids as well as pathological changes associated with infectious agents. Histologic and histopathologic correlates provided in all organ system chapters. User-friendly format and logical organization facilitates readability and learning. Expert contributors represent the most respected leaders in the field. NEW! Chapter on Fecal Cytology Highlighted boxes featuring Key Points provide helpful tips for best conceptual understanding and diagnostic effectiveness Photomicrographs now include more comparative histology Discussions of broader uses of stains and immunocytochemistry for differential cytologic characterization Expanded chapter on Advanced Diagnostic Techniques includes more methodology and application of current tools, representing advances in both aspiration and exfoliative cytology.

Biochemistry

Color Atlas of Embryology

Color Atlas of Biochemistry

Textbook of Biochemistry for Medical Students

Veterinary Hematology E-Book

A practical full-color reference on the recognition and diagnosis of dermatological disease in farm animals Color Atlas of Farm Animal Dermatology, Second Edition is an essential reference for veterinary dermatologists, practitioners, and students alike. Emphasizing recognition and diagnosis, the book combines hundreds of color photographs with clear and concise text highlighting clinical features, differentials, and diagnostic information for each disease. Coverage includes both common and uncommon diseases of cattle, goats, sheep, llamas and alpacas, and pigs. This new edition has been fully updated throughout, and now includes information on llamas and alpacas. Diseases covered include bacterial, fungal, parasitic, viral and protozoal, immunological, congenital and hereditary, environmental, nutritional and miscellaneous diseases, as well as neoplastic and non-neoplastic growths. Offers a practical quick reference to aid in the diagnosis of dermatological conditions in farm animals, including cattle, goats, sheep, pigs, alpacas, and llamas Contains more than 700 full-color images Covers all dermatological disease types, organized by species-specific sections Thoroughly updated and now including coverage of camels Color Atlas of Farm Animal Dermatology, Second Edition is a must-have book for veterinary dermatologists, practitioners, and students who work on farm animals.

Get the BIG PICTURE of Medical Biochemistry – and target what you really need to know to ace the course exams and the USMLE Step 1 300 FULL-COLOR ILLUSTRATIONS Medical Biochemistry: The Big Picture is a unique biochemistry review that focuses on the medically applicable concepts and techniques that under the underpinnings of the diagnosis, prognosis, and treatment of medical conditions. Those preparing for the USMLE, residents, as well as clinicians who desire a better understanding of the biochemistry behind a particular pathology will find this book to be an essential reference. Featuring succinct, to-the-point text, more than 300 full-color illustrations, and a variety of learning aids, MEDICAL BIOCHEMISTRY: The Big Picture is designed to make complex concepts understandable in the shortest amount of time possible. This full-color combination text and atlas features: Progressive chapters that allow you to build upon what you’ve learned in a logical, effective manner Chapter Overviews that orient you to the important concepts covered in that chapter Numerous tables and illustrations that clarify and encapsulate the text Sidebars covering a particular disease or treatment add clinical relevance to topic discussed Essay-type review questions at the end of each chapter allow you to assess your comprehension of the major topics USMLE-style review questions at the end of each section Three appendices, including examples of biochemically based diseases, a review of basic biochemical techniques, and a review of organic chemistry/biochemistry

Extraordinary color illustrations make biochemistry concepts easy to understand and retain Providing a powerful visual overview of the entire spectrum of human biochemistry, the third edition of the popular Color Atlas of Biochemistry is an ideal reference and study aid. It utilizes the signature Flexibook format, consisting of double-page spreads with clear explanatory text on the left-hand page and exquisitely detailed full-color graphics on the right. These bite-sized learning capsules ensure that your review of any given topic is quick, efficient, and comprehensive, allowing you to target the exact information you need for classroom and exam success. New features of this bestselling review book: Increased focus on pathobiological aspects and clinical correlations, especially useful for exam preparation in the clinical sciences New and expanded sections on the immune and digestive systems, motor proteins, transport processes, blood clotting and fibrinolysis, biochemistry of fatty tissue, metabolic integration, neurotransmitters and their receptors, signal transduction, and much more! Symbols for atoms, biomolecules, coenzymes, cofactors, biological processes, and chemical reactions are color-coded to promote quick comprehension of Computer graphics that provide simulated 3D representations of important molecules, making complex subject matter tangible Convenient color thumb index that guides you quickly through the book This superb didactic atlas has been used by medical and health science students worldwide since its first publication in German in 1994. It has since been translated into 9 languages and has been revised and updated regularly ever since. Its unrivaled illustrations, concise text, and focused presentation all combine to create an excellent, high-yield study guide.

This work brings together a wealth of data regarding the reference values and factors of variation in biochemical parameters used by camel veterinarians and scientists to determine these animals’ nutritional and clinical status. It also explores several technical aspects involved in determining these parameters, sampling procedures, and essential elements in the interpretation of the results. Though many texts are available on small and large ruminants, much less is known about species confined to the marginal zones of tropical and Mediterranean countries, such as camels. This book addresses precisely this research gap, on the one hand by presenting an extensive review of the literature, and on the other by synthesizing the outcomes of the authors’ numerous previous works. In veterinary medicine, blood tests to help diagnose diseases in cattle were first proposed nearly a century ago, but were mainly developed in the 1960s, initially at specialized research or veterinary services laboratories, and eventually, with the advent of new equipment and the miniaturization of the analyzers, finding their way into veterinarians’ cabinets. Beyond their diagnostic value, veterinary surgeons and zootecnicians also speculated on the potential use of blood tests to evaluate animals’ nutritional status. Thus, a whole range of analyses are now proposed to the stakeholders responsible for animal health. Such analyses could help to define a metabolic profile, which would offer a valuable decision-making tool for experts and researchers alike.

Color Atlas of Cytology, Histology, and Microscopic Anatomy

Color Atlas of Farm Animal Dermatology

Handbook of Proteolytic Enzymes, Volume 1

Hemoparasites of the Reptilia

A pocket atlas flexibook on this dynamic and wide-ranging field, indispensable for students of medicine and biology alike.Complex processes are well-illustrated in clear images that are not burdened with unnecessary details.Following an introductory part and a section on laboratory methods in immunology, the bulk of the book concentrates on the manifestations of immunological diseases in the human body, providing comprehensive capsule descriptions of all common immune diseases.

Praise for the previous edition: "Should be found in every otolaryngology clinic or office affiliated with a teaching institution.—Otology & Neurotology Recomm[en]d[ed]... without hesitation.—The Journal of Laryngology & Otology You do not have to be specifically interested in ENT to appreciate or fine this book of usemany other medical disciplines... will find this book an invaluable resource and reference guide.—Annals of the Royal College of Surgery March 2011Expanded discussion of such topics as facial plastic surgery, care for the pediatric patient, and head and neck disorders More than 660 high-quality full-color photographs and illustrations that demonstrate key concepts Ideal for medical students and residents in otolaryngology–head and neck surgery, this title is also a valuable reference for physicians in related specialties.—Tony R Bull, FRCS, is Honorary Consultant Surgeon, Royal National Throat, Nose, and Ear Hospital; Honorary Senior Lecturer to the Institute of Laryngology and Otology; Honorary Consultant Surgeon, Charing Cross Hospital; and Consultant Surgeon, King Edward VII Hospital; London, United Kingdom. John S Almeida, FRCS, is Consultant ENT Surgeon, West Middlesex University Hospital, Isleworth, Middlesex, United Kingdom.

Totally revised and expanded, The Color Atlas of Biochemistry presents the fundamentals of human and mammalian biochemistry on 215 stunning color plates.Alongside a short introduction to chemistry and the classical topics of biochemistry, the 2nd edition covers new approaches and aspects in biochemistry, such as links between chemical structure and biological function or pathways for information transfer, as well as recent developments and discoveries, such as the structures of many new important molecules. Key features of this title include:– The unique combination of highly effective color graphics and comprehensive figure legends;– Unified color-coding of atoms, coenzymes, chemical classes, and cell organelles that allows quick recognition of all involved systems;– Computer graphics provide simulated 3D representation of many important molecules.This Flexibook is ideal for students of medicine and biochemistry and a valuable source of reference for practitioners.

Bioense yet comprehensive: the latest on the topic of allergy.Complete interdisciplinary coverage, competent in all specialties.Optimm visualization of complex relationships.Proven format: concise text with vivid color plates.Textbook knowledge in a pocketbook format.Detailed appendix with principal test agents, important allergens, irritants, glossary, and much more.

Conergetics

Medical Biochemistry: The Big Picture

Camel Clinical Biochemistry and Microtology

Color Atlas of Endo-Otoscopy

Color Atlas of Medical Bacteriology

A remarkable achievement by a single author ... concise but informative ... No geneticist or physician interested in genetic diseases should be without a copy of this remarkable edition. --American Journal of Medical Genetics More than ever, a solid understanding of genetics is a fundamental element of all medical and scientific educational programs, across virtually all disciplines. And the applications--and implications--of genetic research are at the heart of current medical scientific debates. Completely updated and revised, The Color Atlas of Genetics is an invaluable guide for students of medicine and biology, clinicians, and anyone else interested in this rapidly evolving field. The latest edition of this highly praised atlas retains several popular features, such as the accessible layout and logical structure, in addition to many novel features and 20 completely new color plates on new topics, including: Cell-to-cell communication, including important signaling and metabolic pathways Taxonomy of living organisms (tree of life) Epigenetic modifications in chromatin Apoptosis RNA interference (RNAi) Comparative genomic hybridization Origins of cancer Principles of gene and stem cell therapy, etc. With more than 200 absorbing full-color plates concisely explained on facing pages, the atlas offers readers an easy-to-use, yet remarkably detailed guide to key molecular, theoretical, and medical aspects of genetics and genomics. Brief descriptions of numerous genetic diseases are included, with references for more detailed information. Readers will find that this incomparable book presents a comprehensive picture of the field from its fascinating history to its most advanced applications.

The highly complex specialty of brainstem surgery requires many years of study, a focus on precision, and a passionate dedication to excellence to prepare the neurosurgeon for navigating significant anatomic challenges. Although the brainstem is technically surgically accessible, its highly eloquent anatomy and the safe entry zones used to access critical areas of the brainstem is essential to traversing the brainstem safely and successfully. This remarkable, one-of-a-kind atlas draws on the senior author's decades of experience with more than 1,000 surgeries on the brainstem, thalamus, basal ganglia, and surrounding areas. Its content is organized by anatomic region, enabling readers to study separate subdivisions of the brainstem, each of which has its own unique anatomic and surgical considerations. From cover to cover, the atlas provides readers with technical guidance on approach selection, the timing of surgery, and optimization of outcomes-elucidated by more than 1700 remarkable color illustrations, dissections, clinical images, and line drawings. Key Highlights Beautifully detailed, highly sophisticated brain slices and dissections by Kaan Yagnimli, who trained under the internationally renowned neuroanatomist and neurosurgeon Albert Rhoton Jr. Color illustrations clearly labeled with callouts and other indicators of foci of interest delineate multiple safe entry zones to the brainstem. More than 50 detailed patient cases highlight each patient's history of previous neurological disorders, presenting symptoms, preoperative imaging, diagnosis, the planned surgical approach, patient positioning, intraoperative and postoperative imaging, and outcome Seven animations and more than 50 surgical videos elucidate approach selection, anatomy, and surgical outcomes of the lateral region and brainstem lesions This illuminating atlas provides insights into the complexities of the halloved halls of the brainstem. Neurosurgeons and neurosurgical residents alike who glean knowledge from the clinical pearls throughout each section will no doubt become more adept surgeons, to the ultimate benefit of their patients.

This outstanding work is the only modern book devoted to the chick embryo and has been an essential resource for geneticists, molecular and developmental biologists, and other life scientists who use the chick embryo as their research model. This new enlarged and updated second edition is published in response to continuing demand. The text provides a detailed description of development, from fertilization to hatching, with emphasis on the earlier stages though also covering individual organ systems in detail. There are reviews of the more recent molecular research and a new section highlighting the important landmarks in the history of chick embryology which have had an impact on our understanding of developmental processes. The book is beautifully illustrated with 74 text-figures and over 500 photographs, including nearly 200 new scanning electron micrographs. New to This Edition: * Updated and expanded text to accompany diagrams. * More than 200 new labelled scanning electron micrographs showing individual tissues in great detail * Reviews of recent molecular research * Discusses the roles of genes such as Hox genes, BMPs, and sonic hedgehog during early development * New sections on sex chromosomes, techniques and the poultry industry.

Learn BIOCHEMISTRY without stressing out over brain CELLS Trying to understand the chemical processes of living organisms but having trouble metabolizing the complex concepts? Here's your lifeline! Biochemistry Demystified helps synthesize your understanding of this important topic. You'll start with a review of basic chemical concepts and a look at cell structures and cell division. Next, you'll study carbohydrates, lipids, proteins, nucleic acids, nucleotides, and advanced enzymes. Glycolysis, the citric acid cycle, oxidative phosphorylation, and the control of chemical processes round out the coverage. Hundreds of examples and illustrations make it easy to understand the material, and end-of-chapter questions and a final exam help reinforce learning. This fast and easy guide offers: Numerous figures to illustrate key concepts Demystified DNA and RNA Coverage of hormones and neurotransmitters A chapter on analytical techniques and bioinformatics A time-saving approach to performing better on an exam or at work Simple enough for a beginner, but challenging enough for an advanced student. Biochemistry Demystified is your key to mastering this vital life sciences subject.

Color Atlas of Oral and Maxillofacial Diseases - E-Book

Color Atlas of Pharmacology

A Color Atlas and Interpretation Guide

Color Atlas of Canine and Feline Ophthalmology

This 5th edition has been thoroughly revised in terms of content and organization of the didactic material; almost all of the colour illustrations have been drawn anew for improved clarity. The extensive introductory chapter focuses on aspects of cytophysiology.

