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KEY=HETEROZYGOUS - LIU STEWART

NATHAN AND OSKI'S HEMATOLOGY AND ONCOLOGY OF INFANCY AND CHILDHOOD E-BOOK

Elsevier Health Sciences Written by the leading names in pediatric oncology and hematology, Nathan and Oski's Hematology and Oncology of Infancy and Childhood offers you the essential tools you need to overcome the unique challenges and complexities of childhood cancers and hematologic disorders. Meticulously updated, this exciting full-color set brings together the pathophysiology of disease with detailed clinical guidance to provide you with the most comprehensive, authoritative, up-to-date information for diagnosing and treating children. Consult this title on your favorite e-reader, conduct rapid searches, and adjust font sizes for optimal readability. Form a definitive diagnosis and create the best treatment plans possible with comprehensive coverage of all pediatric cancers, including less-common tumors, as well as all hematologic disorders, including newly recognized ones. Develop a thorough, understanding of the underlying science of diseases through summaries of relevant pathophysiology balanced with clear, practical clinical guidance. Nathan and Oski's is the only comprehensive product on the market that relates pathophysiology in such depth to hematologic and oncologic diseases affecting children. Quickly and effortlessly access the key information you need with the help of a consistent organization from chapter to chapter and from volume to volume. Stay at the forefront of your field thanks to new and revised chapters covering topics such as paroxysmal nocturnal hemoglobinuria, lysosomal storage diseases, childhood genetic predisposition to cancer, and oncology informatics. Learn about the latest breakthroughs in diagnosis and management, making this the most complete guide in pediatric hematology and oncology. Discover the latest in focused molecularly targeted therapies derived from the exponential growth of knowledge about basic biology and genetics underlying the field. Rely on it anytime, anywhere!

THE OBSTETRIC HEMATOLOGY MANUAL

Cambridge University Press Understand the rapidly growing complexities of obstetric hematology and high-risk pregnancy management, with experts in the field. Now in its second edition, this comprehensive and essential guide focuses on providing the best support for patients and clinical staff, to prevent serious complications in pregnancy and the post-partum period for both mother and baby. Wide-ranging and detailed, the guide offers discussions on basic principles of best care, through to tackling lesser-known hematological conditions, such as cytopenias and hemoglobinopathies. Updated with color illustrations, cutting-edge research, accurate blood film reproductions, and practical case studies, the revised edition places invaluable advice into everyday context. This unique resource is essential reading for trainees and practitioners in obstetrics, anesthesia, and hematology, as well as midwives, nurses, and laboratory staff. Clarifying difficult procedures for disease prevention, the guide ensures safety when the stakes are high. Reflecting current evidence-based guidelines, the updated volume is key to improving pregnancy outcomes worldwide.

MATERNITY NURSING - E-BOOK

Elsevier Health Sciences A streamlined approach covers the fundamentals of maternity nursing! Maternity Nursing, 8th Edition focuses on the care of women during the childbearing years. Designed to meet the needs of today's students, the book offers a clear, readable style and a concise, focused presentation. It integrates an understanding of family, culture, and health promotion into the continuum of care, and coverage of community-based care emphasizes nursing care in many different settings. Not only does Maternity Nursing focus on childbearing issues and concerns, including care of the newborn, but it also addresses wellness promotion and the management of common women's health problems. The Evolve companion website includes useful study tools, including medical animations, video clips, a care plan builder, and NCLEX® exam-style review questions. A companion Evolve website includes student resources such as NCLEX® exam-style review questions, audio chapter summaries, a care plan builder, nursing skills, interactive case studies, video clips and animations, anatomy reviews, and an audio glossary with Spanish pronunciations. Unique! Nursing Alerts highlight critical information in providing care. Unique! Emergency boxes provide step-by-step procedures for pediatric and maternity emergencies. Unique! Cultural Considerations boxes discuss customs and beliefs of different cultures that may affect care for patients and families. Unique! Community Activity boxes provide maternal and newborn exercises to enhance care in local community settings. Unique! Nursing Process boxes identify information on major diseases and conditions. Patient Instructions for Self-Management boxes highlight the information nurses need to communicate to patients and families. Critical Thinking exercises are based on case studies of real-life situations. Coverage of nursing care management uses a framework of the five steps of the nursing process as well as a focus on collaborative care. Nursing care plans include specific guidelines and rationales for interventions.

OBSTETRICS: PREP MANUAL FOR UNDERGRADUATES

Elsevier India

PRACTICAL GUIDE TO HIGH RISK PREGNANCY AND DELIVERY - E-BOOK

Elsevier Health Sciences The third edition of the book, Practical Guide to High-Risk Pregnancy and Delivery, has been completely revised to present more up-to-date approach to the field. Several changes have been made in the book to keep up with multiple new developments and to facilitate the finding of information. However, the purpose of the book remains unchanged: to provide residents in Obstetrics and Gynecology, fellows in Maternal-Fetal Medicine, obstetricians, general physicians, and interested nurses and medical students with a source of practical information about complications of pregnancy. The book is organized into three sections: Fetal Medicine, Obstetrical Complications and Tropical Diseases in Pregnancy All chapters have been rearranged, expanded, and updated Several new flowcharts, tables, and boxes have been included to make the coverage more comprehensive and contemporary Important points at the end of every chapter help in quick recapitulation. Separate chapters on Hypertensive Disorders in Pregnancy, Diabetes and Pregnancy, and Cardiac Diseases in Pregnancy.

THE JOHNS HOPKINS MANUAL OF GYNECOLOGY AND OBSTETRICS

Lippincott Williams & Wilkins The Johns Hopkins Manual of Gynecology and Obstetrics, Fourth Edition is the perfect on-the-spot reference for clinicians who deal with obstetric and gynecologic problems. Written by residents in obstetrics and gynecology at The Johns Hopkins University, this popular manual covers virtually every clinical situation in obstetrics, high-risk obstetrics, gynecology, reproductive endocrinology, infertility, and gynecologic oncology. The easy-to-use outline format—modeled after The Washington Manual® of Medical Therapeutics—helps busy clinicians find information quickly. A list of frequently used drugs with dosages is included. This updated edition includes the latest information on hormone therapies, birth control, and drugs. New chapters cover dysmenorrhea, neurological disease in pregnancy, and psychiatric disease in pregnancy. Also, addresses the CREOG Educational Objectives.

PLANT FUNCTIONAL GENOMICS

METHODS AND PROTOCOLS

Humana Press This second edition volume discusses the revolutionary development of faster and less expensive DNA sequencing technologies from the past 10 years and focuses on general technologies that can be utilized by a wide array of plant biologists to address specific questions in their favorite model systems. This book is organized into five parts. Part I examines the tools and methods required for identifying epigenetic and conformational changes at the whole-genome level. Part II presents approaches used to determine key aspects of a gene's function, such as techniques used to identify and characterize gene regulatory networks. This is followed by a discussion of tools used to analyze the levels of mRNA, mRNA translation rates and metabolites. Part III features a compilation of forward and reverse genetic approaches that include recent implementation of high-throughput sequencing in classical methodologies such as QTL mapping. The final two parts explore strategies to facilitate and accelerate the generation and testing of functional DNA elements and basic computational tools used to facilitate the use of systems biology approached by a broad spectrum of plant researchers. Written in the highly successful Methods of Molecular Biology series format, chapters include introductions to their respective topics, lists of the necessary materials and reagents, step-by-step, readily reproducible laboratory protocols and key tips on troubleshooting and avoiding known pitfalls. Practical

and timely, *Plant Functional Genomics: Methods and Protocols*, Second Edition highlights the latest developments in DNA sequencing technologies that are likely to continue shaping the future of functional genomics.

JOURNAL OF MAMMALOGY

EPIGENOMICS

METHODS AND PROTOCOLS

Springer Nature This detailed volume provides a comprehensive collection of protocols for epigenomic research, powering our ability to analyze epigenetic modifications across the entire genome. Beginning with methods used to investigate epigenomic modifications such as DNA methylation, histone modifications, and chromatin structure, the book continues with methods for manipulating the epigenome, including platforms for epigenome editing, inducible systems for epigenome editing, and epigenetically modified animals. Written for the highly successful *Methods in Molecular Biology* series, chapters feature introductions to their respective topics, lists of the necessary materials and reagents, step-by-step and readily reproducible laboratory protocols, and tips on troubleshooting and avoiding known pitfalls. Authoritative and practical, *Epigenomics: Methods and Protocols* serves as an ideal resource for researchers looking to further expand the utility and scope of epigenomics research.

REFERENCE MANUAL ON SCIENTIFIC EVIDENCE

BIOINFORMATICS IN AQUACULTURE

PRINCIPLES AND METHODS

John Wiley & Sons Bioinformatics derives knowledge from computer analysis of biological data. In particular, genomic and transcriptomic datasets are processed, analysed and, whenever possible, associated with experimental results from various sources, to draw structural, organizational, and functional information relevant to biology. Research in bioinformatics includes method development for storage, retrieval, and analysis of the data. *Bioinformatics in Aquaculture* provides the most up to date reviews of next generation sequencing technologies, their applications in aquaculture, and principles and methodologies for the analysis of genomic and transcriptomic large datasets using bioinformatic methods, algorithm, and databases. The book is unique in providing guidance for the best software packages suitable for various analysis, providing detailed examples of using bioinformatic software and command lines in the context of real world experiments. This book is a vital tool for all those working in genomics, molecular biology, biochemistry and genetics related to aquaculture, and computational and biological sciences.

USERS' GUIDES TO THE MEDICAL LITERATURE: A MANUAL FOR EVIDENCE-BASED CLINICAL PRACTICE, 3E

McGraw Hill Professional The leading guide to the principles and clinical applications of evidence-based medicine--updated with new examples and new chapters Revised and updated to reflect the latest in medical research and evidence-based resources Practical focus and organization to guide clinicians through the fundamentals of using the medical literature to the more advanced strategies and skills for use in patient care, using the key questions to assess any new research: What are the results? How serious is the risk of bias? How do I apply the results to patient care? Updated real-world examples drawn from the medical literature New chapters that reflect the changing complexity of medical research and literature, including genetic association studies, systematic reviews and meta-analyses, network meta-analysis, noninferiority trials, quality improvement, and evidence-based medicine and the theory of knowledge New emphasis on understanding the role of patient preferences and preappraised resources that provide updated evidence and evidence-based recommendations for practice

A PRACTICAL GUIDE TO THIRD TRIMESTER OF PREGNANCY & PUERPERIUM

JP Medical Ltd A Practical Guide to Third Trimester of Pregnancy & Puerperium is a comprehensive resource for the management of the final stage of pregnancy and its complications. Complications covered include pre-term labour, pre-labour rupture of membranes, post-term pregnancy, placental adhesive disorders, and umbilical cord abnormalities. Enhanced by over 120 images and tables, providing quick reference information for obstetricians and gynaecologists.

TRANSFUSION SERVICE MANUAL OF STANDARD OPERATING PROCEDURES, TRAINING GUIDES, AND COMPETENCE ASSESSMENT TOOLS

A MANUAL OF LABORATORY AND DIAGNOSTIC TESTS

Lippincott Williams & Wilkins Now in its Eighth Edition, this leading comprehensive manual helps nurses deliver safe, effective, and informed care for patients undergoing diagnostic tests and procedures. The book covers a broad range of laboratory and diagnostic tests and studies that are delivered to varied patient populations in varied settings. Tests are grouped according to specimen and function/test type (e.g. blood, urine, stool, cerebrospinal fluid, etc.). Each test is described in detail, with step-by-step guidance on correct procedure, tips for accurate interpretation, and instructions for patient preparation and aftercare. Clinical Alerts highlight critical safety information.

CANCER-ASSOCIATED THROMBOSIS

NEW FINDINGS IN TRANSLATIONAL SCIENCE, PREVENTION, AND TREATMENT

CRC Press Showcasing the expertise of top-tier specialists who contributed to the newly released guidelines for the care of thrombosis in cancer patients, this exciting guide was written and edited by members of the American Society of Clinical Oncology panel, (ASCO), on the prevention and treatment of cancer-associated thrombosis, among others, and provides

SUGGESTIONS TO MEDICAL AUTHORS AND A.M.A. STYLE BOOK

WITH A GUIDE TO ABBREVIATION OF BIBLIOGRAPHIC REFERENCES ; FOR THE GUIDANCE OF AUTHORS, EDITORS, COMPOSITORS, AND PROOFREADERS

CRISPR-CAS SYSTEMS

RNA-MEDIATED ADAPTIVE IMMUNITY IN BACTERIA AND ARCHAEA

Springer Science & Business Media CRISPR/Cas is a recently described defense system that protects bacteria and archaea against invasion by mobile genetic elements such as viruses and plasmids. A wide spectrum of distinct CRISPR/Cas systems has been identified in at least half of the available prokaryotic genomes. On-going structural and functional analyses have resulted in a far greater insight into the functions and possible applications of these systems, although many secrets remain to be discovered. In this book, experts summarize the state of the art in this exciting field.

STUDY GUIDE AND SOLUTIONS MANUAL FOR STUDENTS, TO ACCOMPANY GENERAL GENETICS

Gareth Stevens Publishing

MOSBY'S DRUG GUIDE FOR NURSING STUDENTS - E-BOOK

Elsevier Health Sciences Find reliable drug information that's easy to use and understand! Mosby's Drug Guide for Nursing Students, 12th Edition provides the latest information on more than 4,000 generic and trade name drugs — including 20 new FDA-approved drugs. Each drug monograph includes clear dosing, administration, and nursing process guidelines, so you'll always be sure that you're practicing medication safety. In fact, what sets this handbook apart is its detailed coverage of rationales and explanations, drug-specific nursing diagnoses, and IV drugs. From trusted nursing pharmacology expert Linda Skidmore-Roth, this full-color guide also includes a companion website with how-to videos, NCLEX® exam-style questions, patient teaching guidelines, and more. More than 4,000 generic and trade-name drugs are profiled, covering almost every drug you will administer in practice or in clinicals. Alphabetical organization by generic name provides quick and easy access to specific drugs, and a full-color design highlights important information. Black Box Warnings provide alerts to FDA warnings of dangerous or life-threatening drug reactions. Safety Alert icon highlights the most critical drug interactions and side effects. Common and life-threatening side effects are organized by body system, showing signs to watch for during assessments. UNIQUE! Full-color inserts show how drugs work and provide fast access to basic intravenous administration techniques and skills. Overview of drug categories explains the safe administration of common classes of drugs, as well as their common side effects and interactions. Coverage of IV drug administration highlights dosage and IV administration instructions, including safety considerations and Y-site, syringe, and additive compatibilities. Complete pharmacokinetic information includes the mechanism and absorption of the drug as well as its action, duration, and excretion. Nursing Process steps are used as the framework for organizing all nursing care information. Comprehensive drug monographs include generic names, Rx or OTC availability, pronunciations, U.S. and Canadian trade names, functional and chemical classification, controlled-substance schedule, do-not-confuse drugs, action, uses, unlabeled uses, dosages and routes, available forms, side effects, contraindications, precautions, pharmacokinetics, interactions (including drug/herb, drug/food and drug lab test), nursing considerations, and treatment of overdose. Cross-references indicate drug information that may be found in the appendixes. A companion website includes updates with recently approved drugs, drug dosage calculators, Canadian drug information, patient teaching guidelines, and more. Flexible, water-resistant cover provides durability in the clinical setting. 20 NEW monographs provide up-to-date content on newly released drugs. UPDATED content covers the latest dosage information, researched adverse effects, Black Box Warnings, nursing considerations, and patient education.

MOSBY'S DRUG GUIDE FOR NURSING STUDENTS WITH 2018 UPDATE - E-BOOK

Elsevier Health Sciences Mosby's Drug Guide for Nursing Students with 2018 Update - E-Book

GENE QUANTIFICATION

Springer Science & Business Media Geneticists and molecular biologists have been interested in quantifying genes and their products for many years and for various reasons (Bishop, 1974). Early molecular methods were based on molecular hybridization, and were devised shortly after Marmur and Doty (1961) first showed that denaturation of the double helix could be reversed - that the process of molecular reassociation was exquisitely sequence dependent. Gillespie and Spiegelman (1965) developed a way of using the method to titrate the number of copies of a probe within a target sequence in which the target sequence was fixed to a membrane support prior to hybridization with the probe - typically a RNA. Thus, this was a precursor to many of the methods still in use, and indeed under development, today. Early examples of the application of these methods included the measurement of the copy numbers in gene families such as the ribosomal genes and the immunoglobulin family. Amplification of genes in tumors and in response to drug treatment was discovered by this method. In the same period, methods were invented for estimating gene numbers based on the kinetics of the reassociation process - the so-called Cot analysis. This method, which exploits the dependence of the rate of reassociation on the concentration of the two strands, revealed the presence of repeated sequences in the DNA of higher eukaryotes (Britten and Kohne, 1968). An adaptation to RNA, Rot analysis (Melli and Bishop, 1969), was used to measure the abundance of RNAs in a mixed population.

ARIAS' PRACTICAL GUIDE TO HIGH-RISK PREGNANCY AND DELIVERY

A SOUTH ASIAN PERSPECTIVE

Elsevier Health Sciences 1. Prenatal Diagnosis of Chromosomal Abnormalities Asma Khalil, Amy Coates 2. Fetal Dysmorphology Nirmala Chandrasekharan, Amarnath Bhide 3. Impact of Advances in Genetics on Prenatal Diagnosis Tessa Homfray 4. Fetal Infections Francesco D'Antonio, Amarnath Bhide 5. Fetal Growth Restriction Giorgio Pagani, Amarnath Bhide 6. Early Pregnancy Complications Parikshit Dahyalal Tank 7. Identification and Antepartum Surveillance of High Risk Pregnancy Amol P. Pawar, Kaizad R. Damania 8. Preterm Birth Lilian Alabi-Isama, Austin Ugwumadu 9. Post Term and Prolonged Pregnancy Avinash Bhatt, Kaizad R. Damania 10. Antepartum Haemorrhage Vedrana Caric, Amarnath Bhide 11. Venous Thromboembolism in Pregnancy Gargee Pandit, Kaizad R. Damania 12. Multiple Pregnancy Tiran Dias, Amarnath Bhide 13. Hypertensive Disorders in Pregnancy Vandana Bansal, Kaizad R. Damania 14. Haematological Disorders and Red-Cell Alloimmunization in Pregnancy Ann Koschorke, Michael Egbor, Amarnath Bhide 15. Diabetes in Pregnancy Gargee Pandit, Kaizad R. Damania 16. Cardiac Disease and Pregnancy Milind S. Phadke, Vinay R. Jaiswal 17. Other Medical Disorders in Pregnancy Ameya C. Purandare, Kaizad R. Damania 18. Tropical Diseases in Pregnancy Shirish N. Daftary 19. Abnormal Labour Kim Hinshaw, Sara Kenyon 20. Fetal Surveillance in Labour Rohana Haththotuwa, Muhunthan K, Sabaratnam Arulkumaran 21. Birth Asphyxia Vikram Sinai Talaulikar, Sabaratnam Arulkumaran 22. Operative Delivery Hemantha Senanayake, Sabaratnam Arulkumaran 23. Postpartum Haemorrhage Sadia Muhammad, Edwin Chandrahara 24. Maternal Collapse Leonie Penna 25. Obesity and Pregnancy Swetha Bhaskar, Venkat Bhaskar, and Tahir Mahmood 26. Clinical Governance and Audit Charlotte Cassis and Sambit Mukhopadhyay Index Complimentary access to full e-book Three new chapters on Maternal Collapse; Obesity and Pregnancy; and Clinical Governance and Audit have been included, and most of the chapters have been updated thoroughly as per recent RCOG/WHO/NICE guidelines to facilitate the finding of information. More colored images like Doppler changes, addition of partograms for abnormal labour, tables, flowcharts have also been included.

MANUAL OF OBSTETRICS, 3/E

Elsevier India

THE WASHINGTON MANUAL OF ONCOLOGY

Lippincott Williams & Wilkins This updated edition presents the latest, most authoritative cancer management recommendations in the famous fast-access Washington Manual outline format. Reorganized into three major sections, this comprehensive text covers the principles of cytotoxic therapy, clinical research, and more.

THE BREAST E-BOOK

COMPREHENSIVE MANAGEMENT OF BENIGN AND MALIGNANT DISEASES

Elsevier Health Sciences The Breast: Comprehensive Management of Benign and Malignant Diseases, 4th Edition, by Kirby I. Bland, MD, and Edward M. Copeland, III, MD, is a surgical reference that offers the most comprehensive, up-to-date resource on the diagnosis and management of, and rehabilitation following, surgery for benign and malignant diseases of the breast. With its multidisciplinary approach, sweeping updates, new contributors, and authoritative guidance, you'll have exactly what you need to inspire patient confidence and provide the best possible outcomes. Features multidisciplinary advice from experts in surgery, radiation and medical oncology, pathology, molecular biology, pharmacokinetics, and genetics for a well-rounded perspective to enhance patient outcomes. Includes more than 1,500 figures and tables that offer high quality depictions of surgery and treatment procedures. Offers step-by-step guidance through both text and clinical boxes that makes the material relevant to everyday practice. Provides cross-referencing between chapters, as well as references to carefully selected journal articles, that makes further research easier. Uses a new full-color design to highlight key areas of the text and help you focus on important concepts. Presents updated coverage including an expanded section on pathology...and new chapters on granular cell tumors, targeted therapies, integration of radiotherapy and chemotherapy to keep you current. Includes revised chapters on the psychosocial consequences of breast cancer, lifestyle interventions for breast cancer patients, and patient and family resources that equip you to offer complete and compassionate care. Provides additional information on genetics to keep you up to date with the latest genetic discoveries linked to breast cancer and breast diseases. Features the work of many new contributors who provide the latest and freshest perspectives.

GYNECOLOGY AND OBSTETRICS

FLOW CYTOMETRY AND CELL SORTING

Springer Science & Business Media The analysis and sorting of large numbers of cells with a fluorescence-activated cell sorter (FACS) was first achieved some 30 years ago. Since then, this technology has been rapidly developed and is used today in many laboratories. A Springer Lab Manual Review of the First Edition: "This is a most useful volume which will be a welcome addition for personal use and also for laboratories in a wide range of disciplines. Highly recommended." CYTOBIOS

MANUAL OF CANINE AND FELINE CARDIOLOGY - E-BOOK

Elsevier Health Sciences The most effective, practical approach to the recognition and management of cardiovascular and cardiopulmonary medicine, Manual of Canine and Feline Cardiology, 5th Edition walks readers through the challenges and conditions encountered in everyday practice. This completely revised and updated edition includes vital information on diagnostic modalities and techniques, therapeutic options, surgical procedures, and pharmaceutical management of the dog and cat cardiac patient. A new chapter on genetic and biomarker testing and a new chapter on nutrition surrounding cardiovascular disease ensure practitioners are well-equipped to handle every aspect of cardiac care in small animals. The latest coverage on common cardiovascular disorders and practical treatment methods addresses topics, such as: cardiac failure, cardiac arrhythmias, conduction disturbances, cardiopulmonary arrest, and more. Easy-to-follow organization separates content into three sections that build on each other — Section 1: Diagnosis of Heart Disease; Section 2: Cardiovascular Disease; Section 3: Treatment of Cardiovascular Disease. Extensive art program contains vivid illustrations, clinical photographs, and color Doppler images. Drug formulary appendix features a list of commonly used cardiopulmonary drugs, along with formulations, indications, and dosages (for both dogs and cats). Streamlined text, bullet points, and helpful boxes help to highlight the most important clinical content. Highlighted key points spotlight key information, diagnosis considerations, clinical tips and more. NEW! Genetic and Biomarker Testing of Cardiovascular Diseases chapter covers genetic testing for mutations associated with specific cardiac diseases and testing for circulating substances indicative of heart disease or injury. NEW! Nutrition and Cardiovascular Disease chapter focuses on the significant role nutrition can play in preventing or treating cardiac disease. NEW! Significantly revised Echocardiography chapter features the latest information on indications and the role of the electrocardiogram in clinical practice. NEW! All new doppler echocardiogram images in the Feline Cardiomyopathy chapter show the primary cardiomyopathies, including: severe hypertrophic cardiomyopathy, severe hypertrophic obstructive cardiomyopathy, severe dilated cardiomyopathy, severe endomyocardial fibrosis and restrictive cardiomyopathy, severe unclassified cardiomyopathy, and severe arrhythmogenic right ventricular cardiomyopathy. NEW! Section on hybrid cardiac procedures in the Cardiac Surgery chapter include image-guided catheter-based interventions with direct transcatheter (transatrial, transventricular, transapical) surgical approaches to the heart.

MOLECULAR DIAGNOSTICS

FUNDAMENTALS, METHODS AND CLINICAL APPLICATIONS

F.A. Davis Meet the challenges of this rapidly expanding field with a solid understanding of the fundamentals of nucleic acid biochemistry as well as the advanced concepts integral to practice in today's laboratories. With a focus on the application of molecular concepts to the diagnosis of disease, the 3rd Edition of this popular resource encompasses microbiology, virology, genetics, oncology, and human identification.

HANDBOOK OF HUMAN GENETIC LINKAGE

JHU Press "A good reference for statisticians and other analysts becoming involved in the popular field of 'gene mapping'." -- American Journal of Human Genetics

GOLDMAN-CECIL MEDICINE E-BOOK

Elsevier Health Sciences Since 1927, Goldman-Cecil Medicine has been the world's most influential internal medicine resource. In the ground-breaking 25th edition, your original purchase ensures you will be up-to-date without the need for a subscription. Through the new, more powerful Expert Consult eBook platform, this "living text" provides continuous updates that will integrate the latest research, guidelines, and treatments into each chapter, ensuring that the content is as current as the day this edition was first published. Goldman-Cecil Medicine offers definitive, unbiased guidance on the evaluation and management of every medical condition, presented by a veritable "Who's Who" of modern medicine. A practical, straightforward style; templated organization; evidence-based references; and robust interactive content combine to make this dynamic resource quite simply the fastest and best place to find all of the authoritative, state-of-the-art clinical answers you need. Expert Consult eBook version included with print purchase: Access continuous updates from Editor Lee Goldman, MD, who thoroughly reviews internal medicine and specialty journals, updating online content to reflect the latest guidelines and translating that evidence into treatment. Interactive Q&A section features over 1,500 board-style questions and answers to aid in preparing for certification or recertification exams. Outstanding supplementary tools include figures, tables, videos, heart and lung sounds, treatment and management algorithms, fully integrated references, and thousands of illustrations and full-color photos. Search all of the text, figures, supplementary material, and references from the book on a variety of devices and at no additional cost — Expert Consult access is included with this title! Practical, bulleted, highly templated text with easy-to-use features including flow charts and treatment boxes. New chapters on global health, cancer biology and genetics, and the human microbiome in health and disease keep you on the cutting edge of medicine. Today's most current evidence-based medicine guidelines help you form a definitive diagnosis and create the best treatment plans possible. Focused coverage of the latest developments in biology includes the specifics of current diagnosis, therapy, and medication doses. The reference of choice for every stage of your career! Goldman-Cecil Medicine is an ideal learning tool for residents, physicians, and students as well as a valuable go-to resource for experienced healthcare professionals.

GOLDMAN'S CECIL MEDICINE E-BOOK

Elsevier Health Sciences Stay on the cutting edge with the newly revised eBook of Goldman's Cecil Medicine, with over 400 updates personally selected by Dr. Lee Goldman and integrated directly into each chapter. Since 1927, Goldman's Cecil Medicine has been the world's most influential internal medicine resource and now in its 24th edition, continues to set the standard for all other references of its kind. Edited by Lee Goldman, MD and Andrew I. Schafer, MD, this is quite simply the fastest and best place to find all of the definitive, state-of-the-art clinical answers you need to understand, diagnosis, or treat essentially anything you are going to encounter. At your fingertips, you'll find authoritative, unbiased, evidence-based guidance on the evaluation and management of every medical condition from a veritable "Who's Who" of modern medicine. Consult this title on your favorite e-reader, conduct rapid searches, and adjust font sizes for optimal readability. Simplify decision making with practical, well-organized, templated chapters that include evidence-ranked references and algorithms to make clinically actionable information leap right off the page. Keep current with the latest knowledge and evidence-based practices. Comprehensive updates throughout include many brand-new and completely revamped chapters on topics like applications of molecular technologies, infectious diseases, and cardiovascular techniques and treatments. Get all the accuracy, expertise, and dependability you could ask for from Dr. Goldman and an editorial team that is a veritable "who's who" of modern medicine including Jeffrey Drazen, MD, Editor-in-Chief of the New England Journal of Medicine and new associate editor Wendy Levinson, MD, 2009-2010 Chair of the Board of Directors of the American Board of Internal Medicine. Reference information more quickly thanks to a new, streamlined format.

MANUAL OF OCULAR DIAGNOSIS AND THERAPY

Lippincott Williams & Wilkins Thoroughly updated for its Sixth Edition, this manual is a highly practical guide to the diagnosis and management of eye disorders and injuries. Experts from Harvard Medical School and the Massachusetts Eye and Ear Infirmary present authoritative, state-of-the-art recommendations in a rapid-access outline format. Appendices include up-to-date ophthalmic drug and systemic antimicrobial formularies with dosages. All chapters have been updated to include the latest information on new disease entities, diagnostic techniques, drugs, and treatments, including LASIK and LASEK surgery, cataract extractions, intraocular lenses, use of botulinum for blepharospasm, and medical treatment of glaucoma. Thirty new full-color images have been added.

GUIDELINES FOR THE CARE AND USE OF MAMMALS IN NEUROSCIENCE AND BEHAVIORAL RESEARCH

National Academies Press Expanding on the National Research Council's Guide for the Care and Use of Laboratory Animals, this book deals specifically with mammals in neuroscience and behavioral research laboratories. It offers flexible guidelines for the care of these animals, and guidance on adapting these guidelines to various situations without hindering the research process. Guidelines for the Care and Use of Mammals in Neuroscience and Behavioral Research offers a more in-depth treatment of concerns specific to these disciplines than any previous guide on animal care and use. It treats on such important subjects as: The important role that the researcher and veterinarian play in developing animal protocols. Methods for assessing and ensuring an animal's well-being. General animal-care elements as they apply to neuroscience and behavioral research, and common animal welfare challenges this research can pose. The use of professional judgment and careful interpretation of regulations and guidelines to develop performance standards ensuring animal well-being and high-quality research. Guidelines for the Care and Use of Mammals in Neuroscience and Behavioral Research treats the development and evaluation of animal-use protocols as a decision-making process, not just a decision. To this end, it presents the most current, in-depth information about the best practices for animal care and use, as they pertain to the intricacies of neuroscience and behavioral

research.

MEDICAL, GENETIC & BEHAVIORAL RISK FACTORS OF EXOTIC SHORTHAIR CATS

Xlibris Corporation This book provides you with a thorough description and positive attributes of this breed of cat including origin, history, normal heights and weights, acceptable colors and behavioral traits. Our books differ from most books on cat breeds because this book also provides you with a comprehensive and authoritative source of all the known predisposed hereditary health syndromes for the breed. You will find extensive references for each problem described. We also provide addresses of registries for this breed and a list of laboratories and organizations that can provide professional help and information.

ESSENTIALS OF OBSTETRICS AND GYNECOLOGY

W.B. Saunders Company This best-selling textbook delivers all you need to master the Obstetrics and Gynecology Clerkship, offering step-by-step, how-to guidance on evaluating, diagnosing, and managing a full range of normal and abnormal pregnancies and gynecologic conditions. And now, it has been completely revised and reorganized to present a state-of-the-art approach to the field! The result is an outstanding resource to help you meet the clinical challenges encountered in obstetrics and gynecology. Book jacket.

HENRY'S CLINICAL DIAGNOSIS AND MANAGEMENT BY LABORATORY METHODS E-BOOK

Elsevier Health Sciences Recognized as the definitive book in laboratory medicine since 1908, Henry's Clinical Diagnosis and Management by Laboratory Methods, edited by Richard A. McPherson, MD and Matthew R. Pincus, MD, PhD, is a comprehensive, multidisciplinary pathology reference that gives you state-of-the-art guidance on lab test selection and interpretation of results. Revisions throughout keep you current on the latest topics in the field, such as biochemical markers of bone metabolism, clinical enzymology, pharmacogenomics, and more! A user-friendly full-color layout puts all the latest, most essential knowledge at your fingertips. Update your understanding of the scientific foundation and clinical application of today's complete range of laboratory tests. Get optimal test results with guidance on error detection, correction, and prevention as well as cost-effective test selection. Reference the information you need quickly and easily thanks to a full-color layout, many new color illustrations and visual aids, and an organization by organ system. Master all the latest approaches in clinical laboratory medicine with new and updated coverage of: the chemical basis for analyte assays and common interferences; lipids and dyslipoproteinemia; markers in the blood for cardiac injury evaluation and related stroke disorders; coagulation testing for antiplatelet drugs such as aspirin and clopidogrel; biochemical markers of bone metabolism; clinical enzymology; hematology and transfusion medicine; medical microbiology; body fluid analysis; and many other rapidly evolving frontiers in the field. Effectively monitor the pace of drug clearing in patients undergoing pharmacogenomic treatments with a new chapter on this groundbreaking new area. Apply the latest best practices in clinical laboratory management with special chapters on organization, work flow, quality control, interpretation of results, informatics, financial management, and establishing a molecular diagnostics laboratory. Confidently prepare for the upcoming recertification exams for clinical pathologists set to begin in 2016.

A GUIDE TO ASKING ABOUT LIFE FOR TEACHERS AND TAS

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