



Complete lists of diseases associated with a given lab abnormality in Causes of Abnormal Laboratory Values boxes help you easily interpret abnormalities in clinical chemistry, hematology, blood proteins, and clotting tests. An expert team of over 180 authors contributing information in their areas of expertise ensures you are using the most accurate and up-to-date information available. Color plates accompanying Diseases of the Eye and Diseases of the Alimentary Tract enable you to visually recognize the clinical appearance of ophthalmologic conditions and alimentary tract disorders for quick and easy diagnosis and treatment. Six all-new chapters provide in-depth coverage of diagnostic testing, critical care and fluid therapy, biosecurity and infection control, and genetic disorders.

Hazard Communication Guidelines for Compliance  
Occupational Exposure Sampling Strategy Manual  
Textbook for the Veterinary Assistant  
Principles and Procedures  
Principal Emergency Response and Preparedness

Bringing together a globally diverse range of timely topics related to zoo and wild animals, Fowler ' s Zoo and Wild Animal Medicine, Volume 9 is an invaluable tool for any professional working directly with wildlife and zoo animals. The text ' s user-friendly format guides readers through biology, anatomy, and special physiology; reproduction; restraint and handling; housing requirements; nutrition and feeding; surgery and anesthesia; diagnostics, and therapeutics for each animal. Two new co-editors and a globally diverse group of expert contributors each lend their expertise on a wide range of new topics — including a new section on emerging wildlife diseases covering topics like MERS, Equine Herpesvirus, and Ebola in great apes. Other new topics integrated into this ninth volume include: stem cell therapy in zoo medicine, cardiac disease in great apes, disease risk assessment in field studies, Tasmanian devil tumors, and the latest information on the elephant herpes virus. With all its synthesized coverage of emerging trends, treatment protocols, and diagnostic updates new to the field, Fowler ' s is a reference you don ' t want to be without. Current therapy format ensures that each CT volume in the series covers all new topics that are relevant at the time of publication. Synthesized topics offer the right amount of depth — often fewer than 10 pages — to maintain an accessible format. General taxon-based format covers all terrestrial vertebrate taxa plus selected topics on aquatic and invertebrate taxa. Updated information from the Zoological Information Management System (ZIMS) has been incorporated to keep readers up to date on this worldwide system. Globally diverse panel of expert contributors each incorporate the latest research and clinical management of captive and free-ranging wild animals throughout the world. NEW! Two new co-editors (for a total of three editors) each lend their expertise on a wide range of new wild and zoo animal topics. NEW! Section on emerging wildlife diseases includes chapters on MERS, SARS, Ebola in great apes, and a variety of other emerging wildlife diseases.

Biosafety in the Laboratory is a concise set of practical guidelines for handling and disposing of biohazardous material. The consensus of top experts in laboratory safety, this volume provides the information needed for immediate improvement of safety practices. It discusses high- and low-risk biological agents (including the highest-risk materials handled in labs today), presents the "seven basic rules of biosafety," addresses special issues such as the shipping of dangerous materials, covers waste disposal in detail, offers a checklist for administering laboratory safety "and more.

Blackwell's Five-Minute Veterinary Practice Management Consult is a comprehensive, one-stop reference text on all things management related, from understanding the marketplace in which veterinarians practice, to appreciating hospital finances, to the nuts and bolts of marketing services for a veterinary practice. Topics are covered in a thorough but concise format and provide invaluable information for practice owners, administrators, associates and staff. Key Features: ? follows the popular Five-Minute Veterinary Consult structured format ? consistency of presentation makes for easy information retrieval ? focus is on practical rather than theoretical solutions for veterinary practice issues ? Provides examples within relevant topics Sections include: ? The veterinary marketplace ? Client relationship management ? Communications ? Financial management ? Cash management ? Human resources ? Marketing management ? Operations management ? Administrative management ? Practice safety ? Legal Issues ? Planning & Decision-making ? Facility management, design and construction Plus, appendices, list of abbreviations, glossary, and more!

Biosafety in the Laboratory  
Laboratory Procedures for Veterinary Technicians - E-Book  
Radiation Safety Manual  
FDA Investigations Operations Manual  
Veterinary Herbal Medicine

Anticipating and planning your organization's response to an emergency situation isn't just a good idea: it's a federal requirement. Since 1989, OSHA has issued numerous standards that explicitly require employers to have emergency action plans for their workplaces and dozens more regulating specific materials and processes that affect the health and safety of employees. This book makes the task of identifying and understanding OSHA's emergency response requirements virtually effortless by compiling and summarizing the most relevant requirements--53 general and 95 industry-specific--found in Code of Federal Regulations (CFR) Title 29 Parts 1910, 1915, 1917, 1918, 1926, and 1928. Originally published in 2004, this book continues to provide timely and relevant guidance for general industry, shipyards, marine terminals, longshoremen, construction, and agriculture regarding federal requirements for emergency action plans, fire prevention plans, and emergency planning and response. Each standard listed includes a general description of the standard's scope; procedural, program and/or equipment requirements; and resources for finding additional information.

Practical Veterinary Urinalysis is a comprehensive, clinically relevant resource for the veterinary laboratory. This bench-top guide covers sample handling guidelines, interpretation of dry chemical analysis, and recommendations for physical and microscopic evaluation. Emphasizing diagnostic techniques and result interpretation, Practical Veterinary Urinalysis is an ideal aid for anyone who performs and interprets urinalysis testing. Beginning with an overview of renal physiology and urine production, the main focus of the book is examination and analysis of urine samples, including physical properties, chemical analysis, and sediment examination. Additional chapters review diagnostic tests and considerations for proteinuria, advanced diagnostics, quality assurance and laboratory set-up. Practical Veterinary Urinalysis is an invaluable tool for achieving accurate and reliable laboratory results and is a useful addition to any veterinary library.

Prepare for veterinary technician credentialing examinations and clinical practice with Principles and Practice of Veterinary Technology, 4th Edition. Reorganized and updated with the latest advances in the field, this comprehensive text helps you develop strong critical thinking and independent work skills. It includes expanded coverage of complementary medicine, critical care, pet health insurance, and toxicology. More than 80 step-by-step procedures throughout the text emphasize your roles and responsibilities for all AVMA-required psychomotor techniques. Plus, dozens of summary tables and boxes make it easy to find key information. Updated companion site with varying questions provide you with additional modes of study. Step-by-step procedures help you learn the essential skills required to become a successful veterinary technician. Summary tables and boxes condense key information to make complex material easier to understand. Clinical discussion of the role of the technician allows you to focus on your responsibilities in every aspect of practice. NEW! Expanded coverage of complementary medicine, critical care, pet health insurance, and toxicology reflect advances in veterinary technology. NEW! Review questions throughout text help you to understand and retain core concepts.

Exposure to Hazardous Chemicals in Laboratories  
Laboratory Manual for Laboratory Procedures for Veterinary Technicians - E-Book  
Guide for All-Hazard Emergency Operations Planning  
Front Office Management for the Veterinary Team - E-Book

The IACUC Handbook, Third Edition  
The management of biomedical research using animals has become increasingly complex due to new technology, increased regulatory oversight, and recognition of the need for animals free of disease and distress. Within this changing environment, individuals charged with the management of laboratory animal facilities have a substantial responsibility to the institution, the public, and the animals. Management of Laboratory Animals Care and Use Programs provides both factual and theoretical information drawn from the substantial experience of authors who are noted experts in the field. This book will provide individuals with the basic knowledge and information necessary to meet typical professional challenges. A co-publication with the American Association for Laboratory Animal Science, this valuable book serves as the text for the Certified Manager Animal Resources (CMAR) exam.

AAP Prose Award Finalist 2018/19 Management of Animal Care and Use Programs in Research, Education, and Testing, Second Edition is the extensively expanded revision of the popular Management of Laboratory Animal Care and Use Programs book published earlier this century. Following in the footsteps of the first edition, this revision serves as a first line management resource, providing for strong advocacy for advancing quality animal welfare and science worldwide, and continues as a valuable seminal reference for those engaged in all types of programs involving animal care and use. The new edition has more than doubled the number of chapters in the original volume to present a more comprehensive overview of the current breadth and depth of the field with applicability to an international audience. Readers are provided with the latest information and resource and reference material from authors who are noted experts in their field. The book: - Emphasizes the importance of developing a collaborative culture of care within an animal care and use program and provides information about how behavioral management through animal training can play an integral role in a veterinary health program - Provides a new section on Environment and Housing, containing chapters that focus on management considerations of housing and enrichment delineated by species - Expands coverage of regulatory oversight and compliance, assessment, and assurance issues and processes, including a greater discussion of globalization and harmonizing cultural and regulatory issues - Includes more in-depth treatment throughout the book of critical topics in program management, physical plant, animal health, and husbandry. Biomedical research using animals requires administrators and managers who are knowledgeable and highly skilled. They must adapt to the complexity of rapidly-changing technologies, balance research goals with a thorough understanding of regulatory requirements and guidelines, and know how to work with a multi-generational, multi-cultural workforce. This book is the ideal resource for these professionals. It also serves as an indispensable resource text for certification exams and credentialing boards for a multitude of professional societies Co-publishers on the second edition are: ACLAM (American College of Laboratory Animal Medicine); ECLAM (European College of Laboratory Animal Medicine); IACLAM (International Colleges of Laboratory Animal Medicine); JCLAM (Japanese College of Laboratory Animal Medicine); KCLAM (Korean College of Laboratory Animal Medicine); CALAS (Canadian Association of Laboratory Animal Medicine); LAMA (Laboratory Animal Management Association); and IAT (Institute of Animal Technology).

Reinforce the essential information you need with the Laboratory Manual for Laboratory Procedures for Veterinary Technicians, 6th Edition. Each unit corresponds to a unit in the textbook, with various exercises and test questions that help you focus on key concepts and skills for the veterinary clinic setting. Fill-in-the-blank exercises, lab exercises, crossword puzzles, word searches, photo quizzes, lab forms, specimen pictures, and review questions all help to clarify more challenging concepts.

Handbook of Occupational Safety and Health  
Laboratory Safety Guidance  
Standard Industrial Classification Manual

Much has been written about the care of research animals. Yet little guidance has appeared on protecting the health and safety of the people who care for or use these animals. This book, an implementation handbook and companion to Guide For the Care and Use of Laboratory Animals, identifies principles for building a program and discusses the accountability of institutional leaders, managers, and employees for a program's success. It provides a detailed description of risks-- physical and chemical hazards, allergens and zoonoses, and hazards from experiments--which will serve as a continuing reference for the laboratory. The book offers specific recommendations for controlling risk through administrative procedures, facility design, engineering controls, and periodic evaluations. The volume focuses on the worker, with detailed discussions of work practices, the use of personal protective gear, and the development of an emergency response plan. This handbook will be invaluable to administrators, researchers, and employees in any animal research facility. It will also be of interest to personnel in zoos, animal shelters, and veterinary facilities.

The Laboratory Rabbit, Guinea Pig, Hamster, and Other Rodents is a single volume, comprehensive book sanctioned by the American College of Laboratory Animal Medicine (ACLAM), covering the rabbit, guinea pig, hamster, gerbil and other rodents often used in research. This well illustrated reference includes basic biology, anatomy, physiology, behavior, infectious and noninfectious diseases, husbandry and breeding, common experimental methods, and use of the species as a research model. With many expert contributors, this will be an extremely valuable publication for biomedical researchers, laboratory animal veterinarians and other professionals engaged in laboratory animal science. A new gold standard publication from the American College of Laboratory Animal Medicine series One stop resource for advancements in the humane and responsible care of: rabbit, guinea pig, hamster, gerbil, chinchilla, deer mouse, kangaroo rat, cotton rat, sand rat, and degu Includes up-to-date, common experimental methods Organized by species for easy access during bench research

Develop strong critical thinking and independent work skills! Principles and Practice of Veterinary Technology, 5th Edition features more than 80 illustrated, step-by-step procedures that emphasize the technician ' s roles and responsibilities for all AVMA-required psychomotor techniques. This edition includes expanded coverage of complementary medicine, critical care, pet health insurance, and toxicology. Plus, dozens of summary tables and boxes make it easy to find key information. Step-by-step procedures include instructions for all AVMA-required psychomotor techniques, presenting complex procedures clearly and preparing you to master the essential skills required to become a successful veterinary technician. Clinical discussions clearly delineate the technician ' s role, enabling you to focus on your roles and responsibilities in every aspect of practice. Summary tables and boxes throughout the text condense complex, vital information, drawing your attention to key information and making it easy to understand. Thoroughly updated content throughout, including major updates to anesthesia, pain management, critical care, and infectious disease, provides the most up-to-date information in these critical areas.