Withrow and MacEwen's Small Animal Clinical Oncology

Nuclear Science Abstracts

Defining, Establishing, and Verifying Reference Intervals in the Clinical Laboratory

Veterinary Laboratory Medicine

covers all aspects of basic clinical biochemistry and haematology, and includes test-by-test interpretation of laboratory results. Information is provided on sampling techniques, the selection and use of an external laboratory, as well as near-patient testing and the practice laboratory. Also included are step-by-step instructions for most commonly used point-of-care tests, a guide to the evaluation of instruments for in-practice use, and a detailed explanation of the principles of impedance counting and photometric analysis. The book will be ideal for practitioners who require a guide to laboratory work, and for veterinary students studying laboratory medicine and clinical pathology. The second edition has been fully updated to reflect advances in diagnostic techniques, and includes new chapters on diagnostic endocrinology and feline virus testing as well as a much expanded chapter on diagnostic profiling and pattern recognition.

Textbook of Small Animal Surgery

This book provides complete, current information on pathophysiology, diagnosis, and treatment of endocrine, metabolic, and reproductive diseases in dogs and cats. It also discusses the importance of testing procedures in endocrine and reproductive diseases, as well as cost-effective and expedient diagnostic protocols. A complete review of reproduction is presented with the endocrine material, making this text the most inclusive resource overall on the topic. Expansive sections on Canine Male and Female Reproduction. The book is divided into nine sections for an organized and accessible approach to information. Discussions of testing procedures in endocrine and reproductive diseases. Explains cost-effective and expedient diagnostic protocols. Logical, step-by-step guidelines aid in accurate decision-making and diagnosis. A new chapter in the Adrenal Gland section (Section 3) addresses feline hyperadrenocorticism. The chapter on diabetes mellitus in the canine and feline has been divided into two chapters in order to explore the specific aspects of the disease in each species. All material has been extensively revised and brought up to date for this edition. Additional tables and algorithms throughout the
book summarize and clarify information.

Rabbit Biotechnology Louis-Marie Houdebine and Jianglin Fan The study of biological functions of proteins and their possible roles in the pathogenesis of human diseases requires more and more relevant animal models. Although mice including genetically modified mice offer many possibilities, other non-murine species are absolutely required in some circumstances. Rabbit is one of these species, which has been widely used in biomedical studies. This animal is genetically and physiologically closer to humans including cardiovascular system and metabolism characteristics. Rabbit is thus more appropriate than mice to study some diseases such as atherosclerosis and lipid metabolism. Because of its larger size, surgery manipulation, bleeding, and turn-over studies are much easier performed in rabbits than in mice. Furthermore, transgenic rabbits can be produced using microinjection and other methods such as lentiviral vectors. Cloning in rabbits has been proved possible, even though still laborious and time-consuming. Hopefully, functional rabbit ES cell lines will be available in the coming years. Gene deletion or knock-out in rabbits will then become possible.

Schalm's Veterinary Hematology Comprehensive Toxicology, Third Edition, discusses chemical effects on biological systems, with a focus on understanding the mechanisms by which chemicals induce adverse health effects. Organized by organ system, this comprehensive reference work addresses the toxicological effects of chemicals on the immune system, the hematopoietic system, cardiovascular system, respiratory system, hepatic toxicity, renal toxicity, gastrointestinal toxicity, reproductive and endocrine toxicity, neuro and behavioral toxicity, developmental toxicity and carcinogenesis, also including critical sections that cover the general principles of toxicology, cellular and molecular toxicology, biotransformation and toxicology testing and evaluation. Each section is examined in state-of-the-art chapters written by domain experts, providing key information to support the investigations of researchers across the medical, veterinary, food, environment and chemical research industries, and national and international regulatory agencies. Thoroughly revised and expanded to 15 volumes that include the latest advances in research, and uniquely organized by organ system for ease of reference and diagnosis, this new edition is an essential reference for researchers of toxicology. Organized to cover both the fundamental principles of toxicology and unique aspects of major organ systems Thoroughly revised to include the latest advances in the toxicological effects of chemicals on the immune system Features additional coverage throughout and a new volume on toxicology of the hematopoietic system Presents in-depth, comprehensive coverage from an international author base of domain experts

Toxicologist's Pocket Handbook Haschek and Rousseaux's Handbook of Toxicologic Pathology is a key reference on the integration of structure and functional changes in tissues associated with the response to pharmaceuticals, chemicals and biologics. The 3e has been expanded by a full volume, and covers aspects of safety assessment not discussed in the 2e. Completely revised with many new chapters, it remains the most authoritative reference on toxicologic pathology for scientists and researchers studying and making decisions on drugs, biologics, medical devices and other chemicals, including agrochemicals and environmental contaminants. New topics include safety assessment, the drug life cycle, risk assessment, communication and management, carcinogenicity assessment, pharmacology and pharmacokinetics, biomarkers in toxicologic pathology, quality assurance, peer review, agrochemicals, nanotechnology, food and toxicologic pathology, the environment and toxicologic pathology and more. Provides new chapters and in-depth discussion of timely topics in the area of toxicologic pathology and broadens the scope of the audience to include toxicologists and pathologists working in a variety of settings Offers high-quality and trusted content in a multi-contributed work written by leading international authorities in all areas of toxicologic pathology Features hundreds of full color images in both the print and electronic versions of the book to highlight difficult concepts with clear illustrations

Small Animal Pediatrics - E-Book A practical reference for the general veterinary clinician, Small Animal Pediatrics: The First 12 Months of Life compiles into a single location the latest information in the rapidly developing field of canine and feline pediatrics. Editors Michael Peterson, DVM, MS, and Michelle Kutzler, DVM, PhD, DACT are joined by more than 40 expert contributors in providing coverage from prenatal care to one year of age. For ease of use, the text is divided into four sections. A General Considerations section opens the book by covering prenatal care of the bitch and queen, birth, normal physical examinations, growth, husbandry, nutrition, care of orphans, neonatal mortality, behavior, emergency and critical care, and immunology. The second section, Common Infectious Diseases, covers bacterial, viral, fungal, rickettsial, and parasitic infections. The third section describes diagnostic and therapeutic approaches to the young patient including radiology, ultrasound, aesthetic and surgical considerations, pain management, pharmacology, and clinical pathology. Finally, the fourth section covers a variety of organ systems with discussions on normal development, congenital conditions, and acquired diseases. The text also includes information that is usually difficult to find, including a pediatric formulary, care of orphan puppies, clinical pathology values, prenatal care, and normal growth and development guidelines. This book will be a significant asset to any veterinary library! Offers a practical, clinically oriented resource for the unique diagnostic and treatment challenges posed by pediatric and juvenile animal patients. Includes
comprehensive coverage of all special problems encountered in pet management from birth through the first 12 months of life. Provides clear, step-by-step guidelines for important clinical procedures and techniques for the most vulnerable of small animal patients. Covers procedures such as intraosseous catheterization and fluid therapy, venipuncture, and tube feeding. Includes guidelines for designing and implementing a successful pediatric wellness program tailored to your own practice. Discusses infectious diseases in young animals, zoonotic potential, and human public health concerns. Provides key new information on puppy and kitten behavioral development including guidance for prevention and intervention for problem behaviors, the leading cause of pet euthanasia. Includes guidelines for kennel and cattery health management as well as shelter medicine health considerations. Discusses controversial health and ethical issues in veterinary pediatrics, such as ear cropping, tail docking, declawing, and early spay/neuter surgery (including both pro and con positions). Includes the latest recommendations for nutritional care of healthy and "special needs" puppies and kittens as well as the post-parturient and nursing dam. Offers an easy-to-use, well-organized format for quick and easy access to the most relevant information.

Handbook of Toxicology. Third Edition This scaled-down version of the bestselling CRC Handbook of Toxicology provides the most frequently used toxicology reference information in a convenient pocket-sized format allowing quick access to vital information, especially when traveling outside the lab or office. The Toxicologist's Pocket Handbook contains over 150 of the most frequently used tables and figures from the larger handbook, as well as a listing of the Risk Phrases used in the European Community. An abbreviated glossary of toxicological terms is also provided.

The Toxicologist's Pocket Handbook

Small Animal Emergency and Critical Care Medicine 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

Current Bibliography of Epidemiology

Pesticide Residues in Food - 1992 The definitive reference for the diagnosis, treatment, and prevention of small animal infections, Infectious Diseases of the Dog and Cat, 4th Edition delivers current, comprehensive information essential to the management of infectious diseases caused by viruses, rickettsiae, chlamydiae, mycoplasmas, bacteria, fungi, algae, protozoa, and unknown agents. Each section guides you through diagnostic testing for specific microorganisms, from sample collection to laboratory submission to interpretation of results, then details appropriate treatment measures and pharmacologic considerations for the various related infections. Full-color illustrations and hundreds of tables provide quick, convenient access to diagnostic and therapeutic guidelines, and thoroughly updated drug information helps you confidently administer appropriate dosages for the most effective treatment and prevention. The most comprehensive infectious disease coverage available helps you confidently address clinical problems related to infectious diseases in dogs and cats, and includes: Immunization strategies and environmental control of infections Immunodeficiency disorders Prevention of infection in multi-pet and shelter settings Immunocompromised people and their pets Vibrant full-color illustrations clarify disease features and modes of disease transmission for enhanced diagnostic accuracy and disease prevention. Convenient tables deliver therapeutic recommendations and drug dosages at a glance. Complete antimicrobial drug formulary provides fast, easy access to indications, recommended dosages, and pharmacologic considerations essential for all relevant pharmaceuticals. State-of-the-art diagnostic testing procedures help you ensure accurate diagnoses for all clinically relevant pathogens. Content reflects the expert insight and vast clinical experience of a panel of trusted authorities on small animal infectious diseases. Easy-to-use companion website provides convenient online access to additional images, tables, boxes, appendices, and references linked directly to original PubMed abstracts. Expanded coverage of zoonoses, zoonotic potential, and precautions helps you effectively monitor and treat zoonotic infections. Fully updated drug formulary reflects the most current pharmacokinetics, indications, contraindications, handling and administration guidelines, and dosage recommendations available. Updated content throughout the text details current diagnostic testing regimens and therapeutic and preventive considerations for all pathogens you're likely to encounter in the clinical setting. Special focus on disease incidence and susceptibility in traveling animals helps you alert animal owners to potential risks associated with pet travel.
Hayes' Principles and Methods of Toxicology, Sixth Edition The third edition of the Toxicologist's Pocket Handbook, like the first two editions, is a scaled-down version of the best-selling Handbook of Toxicology. It provides the most frequently used toxicology reference information in a convenient pocket-sized book. The format remains the same as the earlier editions to allow basic reference information to be located quickly, with the information placed in sections specific to subspecialties of toxicology. A detailed table of contents lists all tables and figures contained in the book by section. This expanded edition contains a number of tables not found in the second edition added to sections on lab animals, general toxicology, dermal and ocular toxicology, genetic toxicology/carcinogenesis, neurotoxicology, immunotoxicology, reproductive/developmental toxicology, industrial chemical, and pharmaceutical toxicology. New information is presented for additional laboratory animals such as swine and primates, infusion recommendations, newer methods such as the local lymph node assay, and reference safety pharmacology values for standard species. Additional information on typical genetic toxicology and immunotoxicology assays as well as in vitro assays for eye irritation are provided. Some tables from the second edition have been updated to include new information that has arisen since the earlier edition went to press. Information from the second edition, such as regulatory requirements that are no longer applicable, has been deleted.

Biomarkers in Toxicology This issue of Veterinary Clinics: Small Animal Practice, guest edited by Drs. Maureen McMichael and Melissa Singletery, focuses on Working Dogs: An Update for Veterinarians. This issue is one of six issues published each year. Articles in this issue include, but are not limited to: Introduction to Working Dogs; Preventative Health Care and essential equipment needs; Anesthetic Considerations in Working Dogs; Dentistry for Working Dogs; Nutrition in Working Dogs; Current Rules and Regulations for Working Dogs; Canine Olfaction; Sports Medicine and Rehabilitation in Working Dogs; Herding and Sporting Dogs; Breeding Management and Production in Working Dogs; Development and Training for Working Dogs; Military Working Dogs; Operational Canines; and Assistance, Service, and Therapy Dogs.

Nutrient Requirements of Dogs and Cats Updating recommendations last made by the National Research Council in the mid-1980s, this report provides nutrient recommendations based on physical activity and stage in life, major factors that influence nutrient needs. It looks at how nutrients are metabolized in the bodies of dogs and cats, indications of nutrient deficiency, and diseases related to poor nutrition. The report provides a valuable resource for industry professionals formulating diets, scientists setting research agendas, government officials developing regulations for pet food labeling, and as a university textbook for dog and cat nutrition. It can also guide pet owners feeding decisions for their pets with information on specific nutrient needs, characteristics of different types of pet foods, and factors to consider when feeding cats and dogs.

Lumb and Jones' Veterinary Anesthesia and Analgesia

Comprehensive Toxicology This two-volume masterwork offers explicit guidelines for evaluating patients, selecting the right operation, and implementing clinically proven procedures. It covers major topics relevant to the field such as oncology, ophthalmology, dentistry, the nervous system, the urinary and reproductive systems, and more. The up-to-date 3rd edition features an increased emphasis on decision-making algorithms and high-quality images that depict relevant anatomy, diagnostic features, and sequential steps in operative procedures. Expanded, detailed coverage assists the reader with learning and applying the latest surgical techniques. Contributors from three different continents and 17 countries, outstanding in their fields, lend a global perspective to the work. Extensive, high-quality illustrations aid the reader in clear visualization of techniques, instrumentation, and diagnosis. References for each chapter direct the reader to further sources of information. An appendix of normal laboratory values for the dog and cat put this essential information within easy reach. A cardiopulmonary resuscitation algorithm is printed on the inside front cover for quick and easy reference. A quick guide to evaluation and initial stabilization of life-threatening cardiopulmonary complications is printed on the inside back cover for immediate access to crucial information. The section on critical care has been expanded to include more complete information. 10 new section editors and 146 new contributors bring new insight to topics in their areas of expertise. 38 new chapters, including a chapter on arthroscopy, reflect current knowledge and advances. Detailed coverage of surgery techniques present explicit, easy-to-follow guidelines and procedures. An increased emphasis on decision-making algorithms makes the book even more clinically useful. Each chapter has been thoroughly revised, providing the most comprehensive scope of coverage for each topic.

CRC Handbook of Toxicology SCHALM'S VETERINARY HEMATOLOGY An updated guide to veterinary hematology with expanded coverage on a variety of topics The revised seventh edition of Schalm's Veterinary Hematology is updated to provide a comprehensive review of all topics related to disorders of the blood in animals. Designed as a gold-standard reference, this text covers a wide range of species in both confined and free-range populations, reflects the most recent trends in hematology diagnostics, and discusses recent advances in traditional techniques. Edited and written by an international team of experts in the field, the book represents an accessible yet in-depth resource for information on veterinary hematology. The new edition
includes a hemolymphatic tissue section that covers current understanding of basic science and the species-specific hematology section is further expanded from previous editions. New chapters address emerging topics in hematology, and existing chapters have been revised and rearranged to improve readability and simplify access to the material. This seventh edition: Updates the most complete reference on veterinary hematology across species Contains a new section on basic biology of hemolymphatic tissues Expands coverage of species-specific hematology Presents new and emerging topics in blood disorders and diagnostic techniques Features a reorganized contents list for an integrated, easy to use reference Written for veterinary clinical pathologists and residents, diagnostic laboratory staff, internists, and specialists, Schalm's Veterinary Hematology is the most comprehensive and up-to-date reference on the topic.

Infectious Diseases of the Dog and Cat - E-Book Interest in the humane and scientifically justifiable use of research animals has intensified since the publication of the 2nd edition of Animal Models in Cardiovascular Research. This completely revised and updated edition will provide information essential to any researcher interested in using animal models for cardiovascular research, or any research which requires normal cardiovascular function. The format and presentation will be changed to make the text more easy to read and use: (1) This edition is in outline format, for ease and utility. (2) The opening chapter includes more information on the cardiovascular effects of post-operative analgesia and will address the recognition of pain behavior in species commonly used in research settings, particularly rats and mice. (3) New edition includes reference material more useful to researchers using transgenic and naturally occurring animal models to dissect these mechanisms.

Canine and Feline Endocrinology and Reproduction After nearly 20 years, the publication of this Second Edition of The Biology of the Laboratory Rabbit attests to its popularity within the scientific community as well as to the need to update an expanding database on the rabbit as a major species in laboratory investigation. The principal aim of this text is to provide a comprehensive and authoritative source of scientifically based information on a major laboratory animal species. The text continues to emphasize the normal biology as well as diseases of the European (domestic) rabbit, Oryctolagus cuniculus, especially the New Zealand White breed, with occasional reference to other rabbit species (Sylvilagus sp.) and hares (Lepus sp.). New topics have been added to this second edition in response to changing trends in biomedical research and product testing as well as to suggestions from readers. New chapters included on: Anesthesia and analgesia Models in infectious disease research Models in ophthalmology and vision research Polyclonal antibody production Toxicity and safety testing Drug doses and clinical reference data

Cumulated Index Medicus

Literature Search

Quick Bibliography Series Clinical Biochemistry of Domestic Animals This unique book contains practical reference information useful to practicing toxicologists in the chemical and pharmaceutical industries, contract laboratories, regulatory agencies, and academia. Text is purposely kept to a minimum—data is conveniently organized in tabular form for easy access.

Camel Clinical Biochemistry and Hematology

The Biology of the Laboratory Rabbit The Handbook of Toxicology, Third Edition provides an updated practical reference source for practicing toxicologists in the pharmaceutical and chemical industries, contract laboratories, regulatory agencies, and academia. Written by experts in their specific toxicology fields, the chapters provide both fundamental and applied information. Topics range from General Toxicology, to Genetic Toxicology, Human Clinical Toxicology, Histopathology, Clinical Pathology, Metabolism and Toxicokinetics, Risk Assessment, and more. New to this edition: Completely rewritten chapters covering immunotoxidology, endocrine toxicology, and reproductive and developmental toxicology, providing a fresh perspective on these topics Addition of new chapters on Chemical Toxicology, Pharmaceutical Toxicology, Juvenile Toxicology, and
Safety Pharmacology Updated information dealing with Inhalation Toxicology, Neurotoxicology, and Regulatory Toxicology, which has been consolidated into single chapters for each specialty A separate glossary with toxicological terms presented both alphabetically and by toxicological subspecialty For nearly 20 years, this handbook has remained the only reference book of its kind, designed to facilitate easy access to information related to the various toxicology specialties. This updated edition of a popular reference book reflects current practices and the state of the science of toxicology.

Issues in Biomedical Engineering Research and Application: 2011 Edition Emergency and critical care medicine is one of the fastest growing fields of veterinary practice. Virtually every life-threatening disease can present for emergency evaluation, requiring knowledge of internal medicine, neurology, cardiology, oncology, anesthesia, and much more. Rapid and effective application of this knowledge can mean the difference between life and death for the animal. Critical care requires the recognition of subtle changes in the clinical course of animals, and the ability to take corrective action before severe systemic disease becomes irreversible. Clinical decisions regarding seemingly small items, such as fluid therapy, antibiotics, or analgesics, can have a profound impact on patient outcome. This book focuses on management of the more common emergency and critical care conditions encountered in clinical practice, collated in a concise manual. There are chapters on emergencies affecting each body system, on toxicology and other environmental causes, and on critical care techniques ranging from patient monitoring, anesthesia and analgesia to fluid therapy, transfusion medicine and nutritional support, plus a chapter describing clinical skills and procedures. The text is illustrated by top-quality color photos, imaging and diagrams, and key information is highlighted in tabular form. The authors combine experience in teaching and in clinical practice, and provide a ready resource for all those actively engaged in the field: practitioners and trainees, technicians, and nurses.

Cancer Chemotherapy Reports 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 zootechnicians 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.

Working Dogs: An Update for Veterinarians, An Issue of Veterinary Clinics of North America: Small Animal Practice, E-Book Issues in Biomedical Engineering Research and Application: 2011 Edition on the vast information databases of ScholarlyNews.™ You can expect the information about Biomedical Engineering Research and Application in this eBook to be deeper than what you can access anywhere else, as well as consistently reliable, authoritative, informed, and relevant. The content of Issues in Biomedical Engineering Research and Application: 2011 Edition has been produced by the world’s leading scientists, engineers, analysts, research institutions, and companies. All of the content is from peer-reviewed sources, and all of it is written, assembled, and edited by the editors at ScholarlyEditions™ and available exclusively from us. You now have a source you can cite with authority, confidence, and credibility. More information is available at http://www.ScholarlyEditions.com/.

The Laboratory Rabbit, Guinea Pig, Hamster, and Other Rodents

Reference Data of Common Laboratory Animals

Animal Models in Cardiovascular Research Hayes' Principles and Methods of Toxicology has long been established as a reliable reference to the concepts, methodologies, and assessments integral to toxicology. The new sixth edition has been revised and updated while maintaining the same high standards that have made this volume a benchmark resource in the field. With new authors and new chapters that address the advances and developments since the fifth edition, the book presents everything toxicologists and students need to know to understand hazards and mechanisms of toxicity, enabling them to better assess risk. The book begins with the four basic principles of toxicology—dose matters, people differ, everything transforms, and timing
is crucial. The contributors discuss various agents of toxicity, including foodborne, solvents, crop protection chemicals, radiation, and plant and animal toxins. They examine various methods for defining and measuring toxicity in a host of areas, including genetics, carcinogenicity, toxicity in major body systems, and the environment. This new edition contains an expanded glossary reflecting significant changes in the field. New topics in this edition include: The importance of dose–response Systems toxicology Food safety The humane use and care of animals Neurotoxicology The comprehensive coverage and clear writing style make this volume an invaluable text for students and a one-stop reference for professionals.

The Dog

The Dog Leishmaniasis—Advances in Research and Treatment: 2012 Edition is a ScholarlyBrief™ that delivers timely, authoritative, comprehensive, and specialized information about Leishmaniasis in a concise format. The editors have built Leishmaniasis—Advances in Research and Treatment: 2012 Edition on the vast information databases of ScholarlyNews™. You can expect the information about Leishmaniasis in this eBook to be deeper than what you can access anywhere else, as well as consistently reliable, authoritative, informed, and relevant. The content of Leishmaniasis—Advances in Research and Treatment: 2012 Edition has been produced by the world’s leading scientists, engineers, analysts, research institutions, and companies. All of the content is from peer-reviewed sources, and all of it is written, assembled, and edited by the editors at ScholarlyEditions™ and available exclusively from us. You now have a source you can cite with authority, confidence, and credibility. More information is available at http://www.ScholarlyEditions.com/.

Duncan and Prasse's Veterinary Laboratory Medicine Focusing on cancer in dogs and cats, this extensively updated 4th edition provides comprehensive coverage of the latest advances in clinical oncology, including chemotherapy, surgical oncology, and diagnostic techniques. Ideal for students, practitioners, and those involved in academic research, this book's full-color images and user-friendly format provide quick and easy access to today's most important information on cancer in the small animal patient. Full-color format throughout and full-color illustrations make information more accessible and provide accurate representations of clinical appearance. Chapters are clustered into four major sections: The Biology and Pathogenesis of Cancer, Diagnostic Procedures for the Cancer Patient, Therapeutic Modalities for the Cancer Patient, and Specific Malignancies in the Small Animal Patient. The consistent format includes incidence and risk factors, pathology, natural behavior of tumors, history and clinical signs, diagnostic techniques and workup, treatment options, and prognosis for specific malignancies in the small animal cancer patient. Features cutting edge information on the complications of cancer, pain management, and the latest treatment modalities. The latest information on the etiology of cancer, including genetic, chemical, physical, and hormonal factors, as well as cancer-causing viruses. Coverage of molecular-targeted therapy of cancer, plus new and emerging therapeutic techniques. New information on molecular diagnostic procedures for the cancer patient. The latest diagnostic imaging techniques in clinical oncology. Discussions of compassion and supportive care, from chronic pain management and nutrition to end-of-life issues and grief support.

Haschek and Rousseaux's Handbook of Toxicologic Pathology LOCATE FREQUENTLY USED INFORMATION EASILY AND QUICKLY Working in the laboratory or office, you use a diverse assortment of basic information to design, conduct, and interpret toxicology studies and to perform risk assessments. The Second Edition of the best-selling Handbook of Toxicology gives you the information you need in a single reference source. NEW IN THIS EDITION: Expanded coverage of inhalation toxicology, neurotoxicology, and histopathology Additional regulatory chapters dealing with pesticides, medical devices, consumer products, and world-wide notification of new chemicals Areas of toxicology missing from the first edition such as ecotoxicology and in vitro toxicology A chapter providing extensive overview of the toxicology of metals Two chapters on basic male and female endocrinology and related toxicology Information on differences in physiological and biochemical parameters between children and adults References to Web site sources of valuable information Over 200 new tables and figures THE SINGLE SOURCE FOR THE INFORMATION YOU USE MOST FREQUENTLY Updated and expanded, this unique book includes practical reference information useful to toxicologists in the chemical and pharmaceutical industries, contract laboratories, regulatory agencies, and academia. To help you find information quickly and easily, data is arranged by toxicology subspecialty and each chapter begins with a detailed listing of information presented. Containing over 700 tables and figures, Handbook of Toxicology, Second Edition gives you a single source for the information you use most often.

Leishmaniasis—Advances in Research and Treatment: 2012 Edition Now in full color throughout, Duncan and Prasse's Veterinary Laboratory Medicine: Clinical Pathology, Fifth Edition offers a comprehensive overview of hematology, hemostasis, clinical chemistry, urinalysis, cytology, and reference intervals in a highly accessible outline format. With information on all major domestic species, the text is designed for the reader to quickly find answers to clinical questions. Taking a problem-solving approach to the interpretation of laboratory data, this book includes clinical cases to illustrate the concepts of laboratory data interpretation, with tables and key words to aid readers in locating and applying information. The fifth edition has been fully revised to reflect the latest knowledge, diagnostic methods,
and practices in veterinary laboratory medicine. A companion website provides the images in PowerPoint and references linked to PubMed at www.wiley.com/go/latimer. Duncan and Prasse’s Veterinary Laboratory Medicine is an excellent quick reference for practicing veterinarians, veterinary students, clinical interns and residents, and pathology residents.

Handbook of Toxicology, Second Edition Includes 478 citations covering the following descriptors: anesthesia, analgesia, pain, distress, tranquility, well-being, transport, kennels and behavior in dogs, puppies, canines. Each entry includes full bibliographic information: title, author, descriptors, and an extended abstract in some cases. All citations are from English-language sources. Subject and author indices.

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