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**Merck Veterinary Manual** [Merck & Company](#) For more than forty years, animal health professionals have turned to the **Merck Veterinary Manual** for integrated, concise and reliable veterinary information. Now this manual covering the diagnosis, treatment, and prevention of diseases of companion, food and zoo animals is available on an easy-to-use, fully searchable CD-ROM. The CD includes the full text of The Merck Veterinary Manual 8/e and has been enhanced with picture links featuring original anatomical artwork and numerous clinical and diagnostic illustrations, table links and quick search links that provide quick access to cross referenced text. **Veterinary Technician's Large Animal Daily Reference Guide** [John Wiley & Sons](#) **Veterinary Technician's Large Animal Daily Reference Guide** is an indispensable resource in daily clinical practice. Covering all aspects of a veterinary technician's responsibilities in the care of large animals, the book provides fast access to practical information, aiding newly trained and skilled large animal technicians alike in performing their daily tasks. Designed as a quick yet comprehensive reference, the tables and charts throughout offer reliable, easy-to-follow information on horses, cattle, small ruminants, and pigs. With chapter topics ranging from anatomy and nutrition to emergency and critical care, the book's coverage includes both the

basics of veterinary care and more specialized nursing procedures. **Veterinary Technician's Large Animal Daily Reference Guide** is an invaluable tool for any veterinary technician working with large animals, as well as veterinary technology students seeking more information on these species. **Ruminant Toxicology, An Issue of Veterinary Clinics: Food Animal Practice - E-Book** [Elsevier Health Sciences](#) **Guest Editor Gary Osweiler** presents a comprehensive look at ruminant toxicology. Topics will include **biofuels co-products tolerance and toxicology for ruminants, diagnostic toxicology for ruminants, metal/mineral poisoning and interactions, reproductive toxicants in forage and grain crops, ruminant mycotoxicoses, antidotes and therapy for ruminant toxicants, western plant hazardous to ruminants, southeastern toxic plants affecting ruminants, northeastern plants toxic to ruminants, industrial and commercial products affecting ruminants, water quality and ruminant health and productivity, ,and much more!** **Toxicology, An Issue of Veterinary Clinics of North America: Food Animal Practice, E-Book** [Elsevier Health Sciences](#) **This issue of Veterinary Clinics: Food Animal Practice, guest edited by Dr. Steve Ensley and Dr. Tim Evans, focuses on Toxicology. Topics include: Hepatotoxic Plants that Poison Livestock; Plant-induced photosensitivity and dermatitis in livestock; Plant-induced reproductive disease, abortion and teratology in livestock; Myotoxic and cardiovascular toxic plants; Toxic plants that damage the gastrointestinal and urinary systems and miscellaneous toxic plants; Diagnostic guidelines for ruminant toxicosis; The use of blood/liver analysis to evaluate trace mineral status in ruminant livestock; Water quality for cattle; Biofuels coproducts tolerance and toxicology for ruminants; Ruminant mycotoxicosis; Commercial and industrial chemical hazards for ruminants; Safety of antibiotic drugs in food animals: comparison of findings from preapproval studies and postapproval experience in the United States with safety information in published literature; Treatment of animal toxicosis: a regulatory perspective, Selenium toxicosis; Sulfur toxicosis; Lichen toxicosis caused by Xanthoparmelia; Fescue/ergot toxicosis in ruminants; and Cu toxicosis in small ruminants and camelids.** **Disaster Response and Beef Cattle Operations, An Issue of Veterinary Clinics of North America: Food Animal Practice E-Book** [Elsevier Health Sciences](#) **This issue of Veterinary Clinics of North America: Equine Practice focuses on Equine Sports Medicine and includes topics on: Lameness evaluation in the equine athlete; Diagnosis of soft tissue injury in the sport horse; Upper airway conditions affecting the equine athlete; Lower airway conditions affecting the equine athlete; Cardiac/Cardiovascular conditions affecting sport horses; Neck, back, and pelvic pain in sport horses; Neurologic conditions affecting the equine athlete; Metabolic diseases in the equine athlete; Muscle conditions affecting sport horses; Lyme disease in the sport horse; Management and rehabilitation of joint disease in sport horses; Regenerative medicine and rehabilitation for tendinous and ligamentous injuries in sport horses; and Chiropractic and manual therapies.** **Blackwell's Five-Minute Veterinary Consult: Laboratory Tests and Diagnostic**

**Procedures Canine and Feline** [John Wiley & Sons](#) **Blackwell's Five-Minute Veterinary Consult: Laboratory Tests and Diagnostic Procedures: Canine and Feline** is a comprehensive, one-stop reference text on diagnostic skills used daily in treating dogs and cats. Chapters cover more than 275 procedures and tests, including blood, urine, and fecal tests and radiographic, ultrasound, and endoscopic procedures. Each topic, written by an expert in the field, provides essential information on related physiology, indications, contraindications, potential complications, and client education. The uniform presentation of information, arranged alphabetically from abdominal radiographs to zinc tests, allows the reader to gain easy access to vital information, making this an ideal reference to be used in a clinical setting. **Plumb's Veterinary Drug Handbook Desk** [John Wiley & Sons](#) **Plumb's Veterinary Drug Handbook, Ninth Edition** updates the most complete, detailed, and trusted source of drug information relevant to veterinary medicine. Provides a fully updated edition of the classic veterinary drug handbook, with carefully curated dosages per indication for clear guidance on selecting a dose **Features 16 new drugs** **Offers an authoritative, complete reference for detailed information about animal medication** **Designed to be used every day in the fast-paced veterinary setting** **Includes dosages for a wide range of species, including dogs, cats, exotic animals, and farm animals** **Information Resources in Toxicology** [Academic Press](#) **This latest version of Information Resources in Toxicology (IRT) continues a tradition established in 1982 with the publication of the first edition in presenting an extensive itemization, review, and commentary on the information infrastructure of the field. This book is a unique wide-ranging, international, annotated bibliography and compendium of major resources in toxicology and allied fields such as environmental and occupational health, chemical safety, and risk assessment. Thoroughly updated, the current edition analyzes technological changes and is rife with online tools and links to Web sites. IRT-IV is highly structured, providing easy access to its information. Among the "hot topics covered are Disaster Preparedness and Management, Nanotechnology, Omics, the Precautionary Principle, Risk Assessment, and Biological, Chemical and Radioactive Terrorism and Warfare are among the designated.** • **International in scope, with contributions from over 30 countries** • **Numerous key references and relevant Web links** • **Concise narratives about toxicologic sub-disciplines** • **Valuable appendices such as the IUPAC Glossary of Terms in Toxicology** • **Authored by experts in their respective sub-disciplines within toxicology** **Veterinary Science** [EOLSS Publications](#) **Veterinary Science theme is a component of Encyclopedia of Food and Agricultural Sciences, Engineering and Technology Resources in the global Encyclopedia of Life Support Systems (EOLSS), which is an integrated compendium of twenty one Encyclopedias. Veterinary medicine's ultimate purpose is to promote, maintain and restore the health of animals, people and the ecosystems which they inhabit. The theme on Veterinary Science focuses on ensuring the health and welfare of animals and provides the essential aspects and a myriad of issues of great**

relevance to our world such as **Veterinary Medicine; Veterinary Surveillance; Metabolic Disorders of Dairy Cattle; Veterinary Pathology; Veterinary Toxicology; Comparative Immunology-Based Approaches to Veterinary Diseases; Veterinary Virology; Veterinary Bacteriology; Veterinary Mycology; Veterinary Helminthology; Biology of select zoonotic protozoan infections of domestic animals; Veterinary Ectoparasitology.** This volume is aimed at the following five major target audiences: **University and College Students Educators, Professional Practitioners, Research Personnel and Policy Analysts, Managers, and Decision Makers, NGOs and GOs.** Libraries Unlimited For the past three decades, ARBA has kept librarians up to date on the latest reference materials by providing high-quality, critical reviews. The 2007 edition of ARBA continues this great tradition by providing users with access to 1,600-plus reviews of both print and online resources, written by more than 400 academic, public, and school librarians who are experts in their field. With coverage of nearly 500 subject disciplines, ranging from the social sciences and humanities to science and technology, users are guaranteed to find information on the latest resources available in the areas they are most trying to expand their collection. With ARBA in hand, collection development librarians can manage their library's high standards of quality, and make the best use of their budget. **Blackwell's Five-Minute Veterinary Consult Small Mammal** John Wiley & Sons Rev. ed. of: **5-minute veterinary consult: ferret and rabbit.** 1st ed. 2006. **The Merck Manual of Diagnosis and Therapy 18th Edition 12-Copy Display** Merck & Company **Manual for Pharmacy Technicians** ASHP The trusted training resource for pharmacy technicians at all levels. The role of pharmacy technicians is rapidly expanding, and demand for well-trained technicians has never been higher! Technicians are assuming more responsibilities and are taking on greater leadership roles. Quality training material is increasingly important for new technicians entering the field, and current technicians looking to advance. Look no further than the new 4th edition of the best-selling **Manual for Pharmacy Technicians** to master the practical skills and gain the foundational knowledge all technicians need to be successful. **NEW** chapters cover the latest essentials: **Specialty Pharmacy Practice Communication and Teamwork Billing and Reimbursement Durable and Nondurable Medical Equipment, Devices, and Supplies** **NEW** features include: **Full color design, photos and illustrations enhance learning Rx for Success boxes share tips to help techs excel on the job Technology Topics highlight the latest in automation & technical areas Safety First features provide critical advice for enhancing safety & reducing errors Bolded key terms defined in chapter-level glossaries Streamlined contents divide book into 4 simple parts: introduction to pharmacy practice, foundation knowledge and skills, practice basics, and business applications Expanded self-assessment questions and calculations content** **Alone or with the new edition of the Pharmacy Technician Certification Review and Practice Exam, the Manual for Pharmacy Technicians, 4th Edition offers pharmacy technicians the most relevant, authoritative, easy-to-use guide in the field.**

**Want more exercises and practice? Look for the NEW Workbook for the Manual for Pharmacy Technicians. Xie's Chinese Veterinary Herbology** [John Wiley & Sons](#) **Xie's Chinese Veterinary Herbology** serves as a practical guide to the theory and application of Chinese Herbal Medicine into veterinary practices. Divided into three parts, the book covers herbal materia medica used in treating various disorders and diseases, herbal formulas, and the clinical application of treatments. The book also outlines each herb's history, the formulation of herbal recipes, energetic actions, indications and contraindications of each formula, dosages, and clinical and pharmacological studies performed with herbal treatments. This text serves as an invaluable reference to veterinarians looking to expand treatment options. **Essential Drug Data for Rational Therapy in Veterinary Practice** [AuthorHouse](#) This book, **Essential Drug Data for Rational Veterinary Practice** offers quick and easy reference to chemical and pharmacological classifications, sources, pharmacokinetic, pharmacodynamic and pharmaceutical data of drugs used in veterinary practice. To keep pace with the rate at which new drugs are released into the market, the veterinary practitioner required in one volume, adequate drug information which he needs for effective animal care/ **Evidence-based drug therapy** requires knowledge of drugs. This book, **Essential Drug Data for Rational Veterinary Practice** presents not less than twenty five sets of data on about three hundred drugs that are commonly used in veterinary practice. **Veterinary Entomology Livestock and Companion Animals** [CRC Press](#) Livestock production systems and some husbandry practices are prone to producing veterinary important entomological concerns. In addition, various arthropod-borne diseases such as West Nile and some types of encephalitis can affect both humans and animals. To circumvent these problems successfully, a solid understanding of veterinary entomology should **Human-Animal Medicine - E-Book Clinical Approaches to Zoonoses, Toxicants and Other Shared Health Risks** [Elsevier Health Sciences](#) **Human-Animal Medicine** is an innovative reference exploring the unprecedented convergence of human, animal, and environmental health, triggering global pandemics and requiring new clinical paradigms. The "One Health" approach calls for greater communication and cooperation between human health care providers, public health professionals, and veterinarians to better address vital issues of emerging diseases and environmental change. This incredibly timely book provides, for the first time, practical guidelines for "One Health" collaborations in a wide range of clinical human-animal health issues, including the H1N1 virus, zoonotic diseases, the human-animal bond, animal allergy, bites and stings, and animals as "sentinels" for toxic environmental health hazards. **UNIQUE!** For each condition, specific steps human health care providers, veterinarians, and public health professionals must take to prevent and manage disease. **UNIQUE!** Comparative tables of disease signs, diagnosis and treatment in humans and animals for easy reference. **UNIQUE!** Guidelines to detect and improve environmental factors affecting the health of humans and animals. Occupational health guidelines for preventive care

of animal workers including veterinary personnel, farmers, pet store employees, and zoo workers. Treatment of emerging disease issues including zoonoses, H1N1 virus, harmful algae blooms, and animal-related pesticides **UNIQUE!** Sample protocols facilitate professional communication between veterinarians, human health clinicians, and public health professionals. Legal and ethical aspects of "One Health" that human health providers and veterinarians need to know. **Medical and Veterinary Entomology** *Academic Press* **Medical and Veterinary Entomology, Second Edition**, has been fully updated and revised to provide the latest information on developments in entomology relating to public health and veterinary importance. Each chapter is structured with the student in mind, organized by the major headings of Taxonomy, Morphology, Life History, Behavior and Ecology, Public Health and Veterinary Importance, and Prevention and Control. This second edition includes separate chapters devoted to each of the taxonomic groups of insects and arachnids of medical or veterinary concern, including spiders, scorpions, mites, and ticks. Internationally recognized editors Mullen and Durden include extensive coverage of both medical and veterinary entomological importance. This book is designed for teaching and research faculty in medical and veterinary schools that provide a course in vector borne diseases and medical entomology; parasitologists, entomologists, and government scientists responsible for oversight and monitoring of insect vector borne diseases; and medical and veterinary school libraries and libraries at institutions with strong programs in entomology. Follows in the tradition of Herm's **Medical and Veterinary Entomology** The latest information on developments in entomology relating to public health and veterinary importance Two separate indexes for enhanced searchability: Taxonomic and Subject New to this edition: Three new chapters Morphological Adaptations of Parasitic Arthropods Forensic Entomology Molecular Tools in Medical and Veterinary Entomology 1700 word glossary Appendix of Arthropod-Related Viruses of Medical-Veterinary Importance Numerous new full-color images, illustrations and maps throughout **The Laboratory Canine** *CRC Press* **Laboratory animals**, including dogs, play an important role in biomedical research and medical advances. Dogs have a long history of use in research and have contributed enormously to the health and welfare of both humans and animals. The humane care and management of these animals is a fundamental component of their use in medical research. **The Laboratory Canine** clearly presents basic background information covering subjects that apply specifically to dogs used in research settings, such as basic biological features, husbandry, management, veterinary care, experimental methodology, and resources. The book offers guidance on performing a detailed physical examination, including necessary veterinary supplies, clinical signs of illness, clinical conditions, and reference tables of widely used veterinary drugs. It discusses the human-animal bond or the relationship between people and animals and its significance and importance to the quality of research, the health of the animals, and the emotional health of staff caring for or working with animals. It

also examines anesthetic and surgical procedures that include pre-, intra-, and post-anesthesia/operative monitoring. The Laboratory Canine contains reference charts for monitoring patients through post-operative recovery and reference tables for anesthetics and analgesics. Because dogs are a highly visible species in the eyes of the public and regulators, it is important that individuals working with laboratory canines have the proper training and experience. This valuable resource is ideal for those charged with the care and use of canines in a research setting. **Poultry Production in the Tropics** [UP Press](#) **Handbook of Chemical and Biological Warfare Agents** [CRC Press](#) Extensively revised and updated, this second edition of the bestselling Handbook of Chemical and Biological Warfare Agents goes well beyond the dirty thirty commonly discussed agents and provides rapid access to a wide range of agents that can be used as weapons. This edition incorporates additional classes of agents, expands existing clas **Infectious Disease Management in Animal Shelters** [John Wiley & Sons](#) **Infectious Disease Management in Animal Shelters** is a comprehensive guide to preventing, managing, and treating disease outbreaks in shelters. Emphasizing strategies for the prevention of illness and mitigation of disease, this book provides detailed, practical information regarding fundamental principles of disease control and specific management of important diseases affecting dogs and cats in group living environments. Taking an in-depth, population health approach, the text presents information to aid in the fight against the most significant and costly health issues in shelter care facilities. **Fundamentals of Pharmacology for Veterinary Technicians (Book Only)** [Cengage Learning](#) Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version. **Animal Health and Disease Prevention** [Universitas Brawijaya Press](#) The definition of disease is any deviation from the normal physiology. In a more restricted sense, an infectious disease means a state or condition brought about by some microorganism or parasite, which is detrimental to the health and well being of the animal. Disease are either congenital which means that the animal is born with it inclusively or they are acquired sometime after birth. An acquired may be internal or external in its origin. The cause of internal diseases, such as glandular derangement or cancer were less known completely. Defects in the make up of certain cells of the body, which cause them to generate indefinitely, can be inherited. **Anatomy and Physiology of Farm Animals** [John Wiley & Sons](#) Revised and updated, the eighth edition of Anatomy and Physiology of Farm Animals remains the essential resource for detailed information on farm animal anatomy and physiology. Offers a revised edition to this comprehensive guide to the anatomy and physiology of farm animals Presents learning objectives in each chapter for the first time Adds new material on endocrine and metabolic regulation of growth and body composition Features additional illustrations to enhance comprehension Includes a companion website that offers supplemental content, including word roots, clinical cases, study and practice questions, the images from the book and additional images,

diagrams, and videos to enhance learning. **Anatomy and Physiology of Farm Animals** [John Wiley & Sons](#) **The Seventh Edition of Anatomy and Physiology of Farm Animals** is a thoroughly updated and revised version of this classic text. Drawing on current science and terminology with a number of new illustrations throughout and a new chapter on poultry, the book maintains its reputation for clarity, balanced scope, and breadth of content. The Seventh Edition provides veterinary, animal science, agriculture, and veterinary technician students with a comprehensive yet clear reference to understanding the fundamentals of anatomy and physiology. **Integrating Complementary Medicine into Veterinary Practice** [John Wiley & Sons](#) **Integrating complementary treatment options with traditional veterinary practice** is a growing trend in veterinary medicine. Veterinarians and clients alike have an interest in expanding treatment options to include alternative approaches such as Western and Chinese Herbal Medicine, Acupuncture, Nano-Pharmacology, Homotoxicology, and Therapeutic Nutrition along with conventional medicine. **Integrating Complementary Medicine into Veterinary Practice** introduces and familiarizes veterinarians with the terminology and procedures of these complementary treatment modalities in a traditional clinical format that facilitates the easy integration of these methods into established veterinary practices. **Parasitic Diseases of Wild Birds** [John Wiley & Sons](#) **Parasitic Diseases of Wild Birds** provides thorough coverage of major parasite groups affecting wild bird species. Broken into four sections covering protozoa, helminths, leeches, and arthropod parasites, this volume provides reviews of the history, disease, epizootiology, pathology, and population impacts caused by parasitic disease. Taking a unique approach that focuses on the effects of the parasites on the host, **Parasitic Diseases of Wild Birds** fills a unique niche in animal health literature. **Erythrocyte** [BoD - Books on Demand](#) **Red blood cells constitute approximately 40% of the total amount of blood and 99% of shaped elements of blood. Their major function is oxygen transportation and this makes erythrocytes "the basis of life."** However, as readers will see in this book, erythrocytes have a lot of different, important functions in our body. With this book, it is planned to collect current information related to "erythrocytes." The book has been divided into two sections. The first section includes information about the roles of erythrocytes in the physiological and pathophysiological processes. The second section includes information on the future perspectives of erythrocytes like their therapeutic applications in medicine. This book will be a stepping stone for scientists who are rapidly advancing their science journey. **Hayes' Handbook of Pesticide Toxicology** [Academic Press](#) **The Handbook of Pesticide Toxicology** is a comprehensive, two-volume reference guide to the properties, effects, and regulation of pesticides that provides the latest and most complete information to researchers investigating the environmental, agricultural, veterinary, and human-health impacts of pesticide use. Written by international experts from academia, government, and the private sector, the **Handbook of Pesticide Toxicology** is an in-depth examination

of critical issues related to the need for, use of, and nature of chemicals used in modern pest management. This updated 3e carries on the book's tradition of serving as the definitive reference on pesticide toxicology and recognizes the seminal contribution of Wayland J. Hayes, Jr., co-Editor of the first edition. **Feature:** Presents a comprehensive look at all aspects of pesticide toxicology in one reference work. **Benefit:** Saves researchers time in quickly accessing the very latest definitive details on toxicity of specific pesticides as opposed to searching through thousands of journal articles. **Feature:** Clear exposition of hazard identification and dose response relationships in each chapter featuring pesticide agents and actions **Benefit:** Connects the experimental laboratory results to real-life applications in human health, animal health and the environment. **Feature:** All major classes of pesticide considered. **Benefit:** Provides relevance to a wider variety of researchers who are conducting comparative work in pesticides or their health impacts. **Feature:** Different routes of exposure critically evaluated. **Benefit:** Connects the loop between exposure and harmful affects to those who are researching the affects of pesticides on humans or wildlife.

**Canine and Feline Geriatric Oncology Honoring the Human-Animal Bond** [John Wiley & Sons](#) Half the population of dogs and cats aged 10 and over will die of neoplasia. The bonds that clients have developed with their older pets are especially strong and drive the increasing demand for more proficient and highly compassionate medical treatment of companion animals diagnosed with cancer. This book offers more than just a competent clinical approach to the most common tumors in dogs and cats. This book also offers a focus on the special needs of geriatric pets and their owners. Amply illustrated with dozens of case studies representative of those regularly encountered in practice, **Canine and Feline Geriatric Oncology** will provide readers with the tools needed to diagnose and treat aging pets with cancer, and to help clients make the best decisions for themselves and for the animals with whom they share their lives. **Canine and Feline Geriatric Oncology** is a unique resource. It is a useful oncology reference for specialists, veterinarians in general practice, veterinary technicians, and clinic staff. The many "what ifs" that the practitioner inevitably faces in interactions with clients and their aging pets with cancer are presented and discussed. **Special Features:** Focuses on the special needs of geriatric pets and their caregivers; Offers direction in the diagnosis and treatment of aging pets with cancer; Addresses many of the "what ifs" that arise in interactions with clients and aging pets with cancer; Amply illustrated with full color throughout; A valuable reference for practicing veterinarians, technicians, hospital staff, and professionals involved in supportive counseling for pet caregivers. **Recommended Reference Books for Small and Medium-sized Libraries and Media Centers** [Libraries Unlimited](#) An annotated bibliography listing general reference works as well as those on social sciences, humanities, and science and technology **Blackwell's Five-Minute Veterinary Consult Clinical Companion Small Animal Toxicology** [John Wiley & Sons](#) This exciting new addition to the popular Blackwell's Five-

Minute Veterinary Consult series presents essential information on the diagnosis, therapy, and prevention of important toxicoses. Using a succinct and accessible format, the book is organized by major categories of toxicants to aid in rapid differential diagnosis for suspected poisonings. All information is organized alphabetically for ease of use, while accompanying color photos aid in identification. The book's quick-access, clinically-oriented presentation of vital information makes it an ideal guide to handling toxicoses in veterinary practice. The book begins with introductory chapters on decontamination, emergency and supportive therapy, antidotes, and principles of diagnosis. Designed to help you quickly develop a differential diagnosis list; confirm the diagnosis; and manage therapeutic options in poisonings, **Blackwell's Five-Minute Veterinary Consult Clinical Companion: Small Animal Toxicology** is an invaluable resource for veterinary practitioners and students. **Equine Science** [Cengage Learning](#) Engaging and informative, **EQUINE SCIENCE, Fifth Edition**, provides students with a basic understanding of equine care and management. Featuring a full-color layout and abundant photos, this richly illustrated text presents information logically, starting with an introduction to the equine industry and then progressing to the unique anatomy and needs of the horse; the specifics of caring for, training, and managing horses; and business aspects of the industry. This all-new edition also highlights correlations to National AFNR (Agriculture, Food, and Natural Resources) Standards, masterfully applies math and science concepts related to equine care and management, and connects students to current references to prepare them for success within the classroom and beyond. **Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.** **The Laboratory Ferret** [CRC Press](#) Laboratory animals, including ferrets, play an important role in biomedical research and advances. The humane care and management of these animals remains an ongoing concern. Published in color to provide greater clarity to the techniques and concepts discussed, **The Laboratory Ferret** presents basic information and common procedures in detail to **pro The gestating and lactating sow** [Wageningen Academic Publishers](#) The last book on the lactating sow was published over 15 years ago. This new book brings us up to date in current knowledge on the gestating and lactating sow. It covers new and important topics such as conditioning of gilts for optimal reproductive performance, feeding high fibre diets to gestating sows and providing various fat sources in gestation and lactation. It also describes the several key success factors to group-housing systems in gestation, which is a must due to the current move towards group-housing. The new concept of transition feeding for sows is discussed, as well as the factors involved in mammary development of gilts and sows, both of which are instrumental for maximum colostrum and/or milk yields. The impact of the human-animal interactions on sow welfare and performance is discussed with focus on new handling practices that could be developed to overbalance the negative interactions inherent to pig management systems.

Updates on must-have topics, such as amino acid and energy requirements of sows, colostrum and milk yield and composition, and sow health are also provided. The subjects covered in this book will assist animal scientists, nutritionists, veterinarians and swine producers in learning the most recent information on relevant and current topics affecting sow production, and in knowing which areas are in need of further research efforts. **Pharmacology for Anesthetists** [PediaPress](#) **Pathogenesis of Bacterial Infections in Animals** [John Wiley & Sons](#) **Pathogenesis of Bacterial Infections in Animals, Fourth Edition** captures the rapid developments in understanding the mechanisms of virulence of the major bacterial pathogens of animals. Now including a color plate section, the book presents an overview of pathogenesis, including relevant events that occur in the herd or flock and its environment, and activities that take place at the cellular and molecular levels. With contributions from 64 experts in the field, this book serves as a great reference for graduate students in veterinary medicine and animal science, microbiologists, virologists and pathologists. **Mammalogy** [Jones & Bartlett Publishers](#) **Mammalogy** is the study of mammals from the diverse biological viewpoints of structure, function, evolutionary history, behavior, ecology, classification, and economics. Thoroughly updated, the Sixth Edition of **Mammalogy** explains and clarifies the subject as a unified whole. The text begins by defining mammals and summarizing their origins. It moves on to discuss the orders and families of mammals with comprehensive coverage on the fossil history, current distribution, morphological characteristics, and basic behavior and ecology of each family of mammals. The third part of the text progresses to discuss special topics such as mammalian echolocation, physiology, behavior, ecology, and zoogeography. The text concludes with two additional chapters, previously available online, that cover mammalian domestication and mammalian disease and zoonoses. **Practical Handbook of Microbiology** [CRC Press](#) The field of microbiology has developed considerably in the last 20 years, building exponentially on its own discoveries and growing to encompass many other disciplines. Unfortunately, the literature in the field tends to be either encyclopedic in scope or presented as a textbook and oriented for the student. Finding its niche between these two pol