

Bovine Theriogenology An Issue Of Veterinary Clinics Of North America Food Animal Practice 1e The Clinics

Bovine Respiratory Disease, An Issue of Veterinary Clinics: Food Animal Practice - E-Book
An Issue of Veterinary Clinics of North America: Food Animal Practice E-Book
Recent Developments and Perspectives in Bovine Medicine
Advances in Ovum Research and Application: 2012 Edition
Gonadal Hormones—Advances in Research and Application: 2013 Edition
Animal Andrology
Veterinary Reproduction and Obstetrics
Bovine Theriogenology, an Issue of Veterinary Clinics of North America: Food Animal Practice
Theriogenology
Dairy Nutrition, An Issue of Veterinary Clinics of North America: Food Animal Practice
Current Therapy in Large Animal Theriogenology - E-Book
Pestivirus: Advances in Research and Treatment: 2011 Edition
Diagnostic Pathology, An Issue of Veterinary Clinics: Food Animal Practice - E-Book
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Preimplantation Genetics
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Proceedings
Ruminant Toxicology, An Issue of Veterinary Clinics: Food Animal Practice - E-Book
Issues in Biological, Biochemical, and Evolutionary Sciences Research: 2011 Edition
Knobil and Neill's Physiology of Reproduction
Therapeutics and Control of Sheep and Goat Diseases, An Issue of Veterinary Clinics: Food Animal Practice - E-Book
Bovine Clinical Pharmacology, An Issue of Veterinary Clinics of North America: Food Animal Practice
Advances in Sorbitol Research and Application: 2012 Edition

Bovine Respiratory Disease, An Issue of Veterinary Clinics: Food Animal Practice - E-Book

Issues in Biological, Biochemical, and Evolutionary Sciences Research: 2011 Edition is a ScholarlyEditions™ eBook that delivers timely, authoritative, and comprehensive information about Biological, Biochemical, and Evolutionary Sciences Research. The editors have built Issues in Biological, Biochemical, and Evolutionary Sciences Research: 2011 Edition on the vast information databases of ScholarlyNews.™ You can expect the information about Biological, Biochemical, and Evolutionary Sciences Research in this eBook to be deeper than what you can access anywhere else, as well as consistently

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An Issue of Veterinary Clinics of North America: Food Animal Practice E-Book

Yury Verlinsky and Anver Kuliev Reproductive Genetics Institute, Illinois Masonic Medical Center, 836 W. Wellington Chicago, IL 60657 Although introduction of a first trimester prenatal diagnosis by chorionic villus sampling (CVS) has considerably improved the possibility for prevention of genetic diseases, it requires a selective abortion in case of an affected fetus. Following the direction of an earlier prenatal diagnosis and to avoid the need for abortion, preimplantation genetic diagnosis has been initiated based on polar body removal and pre-embryo biopsy. The First International symposium on Preimplantation Genetics, Chicago, September 17-19, 1990, was organized to explore these important developments, to review the state of knowledge in the field, and to address existing problems to be solved for developing and improving current approaches for preimplantation diagnosis of genetic disorders. A growing interest in the subject was obvious from the wide attendance of the meeting: over 250 scientists from 19 countries participated. This was the first attempt to put together the advances in different areas of basic and applied research relevant to Preimplantation Genetic Diagnosis, with the multidisciplinary scientific program including the sessions on embryology, micromanipulation and biopsy, genetic analysis of gametes and pre-embryos, IVF, gene expression and gene therapy, and ethical and legal issues. The deliberations of the Symposium presented in the above mentioned sessions, which comprise the contents of corresponding sections of the Proceedings, open a new area in medical research based on the interaction of IVF and New Genetics.

Recent Developments and Perspectives in Bovine Medicine

Cattle play a fundamental role in animal agriculture throughout the world. They not only provide us with a vital food source, but they also provide us with fertilizer and fuel. Keeping reproduction levels at an optimum level is therefore essential, but this is often a complicated process, especially with modern, high yielding cows. Written in a practical and user-friendly style, this book aims to help the reader understand cattle reproduction by explaining the underlying physiology of the reproductive process and the role and importance of pharmacology and technology, and showing how management techniques can improve reproductive efficiency. This edition includes: Recent research findings on the physiology of the oestrous cycle and its control; New techniques for monitoring and manipulating reproduction, including pregnancy diagnosis and embryo transfer; Advice on identifying common infertility problems and how to prevent and treat them. Reproduction

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Cattle 3e is essential reading for veterinary and agricultural students, as well as veterinarians and farmers involved in cattle reproduction.

Advances in Ovum Research and Application: 2012 Edition

This issue of Veterinary Clinics: Food Animal Practice, edited by Dr. Rick Funston and Dr. J. Travis Mulliniks, is dedicated to Developmental Programming in Livestock Production. Topics include: Fetal Growth and Development; Cellular Mechanisms and Epigenetic Changes; Overgrowth Syndrome; Effects on Progeny and Nutrient Partitioning; Effects on Neonatal Mortality; Effects on Tissue Growth and End Product; Effects on Fertility; Effects on Animal Health and Immune Function; Effects on Dam and Progeny Milk Production; Multigenerational Effects; Developmental Resiliency: in utero Adaptation to Environmental Stimuli; and Developmental Programming in a Beef Production System.

Gonadal Hormones—Advances in Research and Application: 2013 Edition

Dr. Robert Van Saun has assembled an expert panel of authors on the topic of dairy nutrition. Articles include: Feed analysis and its interpretation, Management and evaluation of ensiled forages, Feeding, evaluating and controlling the rumen, Control of energy intake and partitioning through lactation, Protein feeding and balancing diets for amino acids, Lipids feeding and milk fat depression, Dietary management of macrominerals in preventing disease, Trace mineral feeding and assessment, Transition cow feeding and management to prevent disease, Monitoring total mixed rations and feed delivery systems, and more!

Animal Andrology

The Fourth Edition of Knobil & Neill continues to serve as a reference aid for research, to provide the historical context to current research, and most importantly as an aid for graduate teaching on a broad range of topics in human and comparative reproduction. In the decade since the publication of the last edition, the study of reproductive physiology has undergone monumental changes. Chief among these advances are in the areas of stem cell development, signaling pathways, the role of inflammation in the regulatory processes in the various tissues, and the integration of new animal models which have led to a greater understanding of human disease. The new edition synthesizes all of this new information at the molecular, cellular, and organismal levels of organization and present modern physiology a more understandable and comparative context. The Fourth Edition has been extensively revised, reflecting new fundamental advancements in this rapidly advancing field. Provides a common language for researchers across the fields of physiology, endocrinology, and biology to discuss their understanding of reproduction. Saves academic researchers time in quickly

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accessing the very latest details on reproductive physiology, as opposed to searching through thousands of journal articles.

Veterinary Reproduction and Obstetrics

Understanding animal andrology is fundamental to optimising genetic breeding traits in domestic and wild animals. This book provides extensive coverage of male reproductive biology, discussing the essentials of sperm production, harvest and preservation before covering the applications to a range of animals including cattle, horses, pigs, small ruminants, camelids, cats and dogs, poultry and exotic species. It also examines the laboratory procedures that provide the basis of general fertility research.

Bovine Theriogenology, an Issue of Veterinary Clinics of North America: Food Animal Practice

Theriogenology

The oestrous cycle and its controls, The development of the conceptus, Pregnancy and its detection in the mare, Pregnancy and its detection in the cow, Pregnancy diagnosis in the sow, ewe and bitch, Anomalies of development of the conceptus, Prolapse of the vagina, Parturition, The care of parturient animals and the newborn:the puerperium, Dystocia:general considerations, Maternal dystocia, Fetal dystocia:aetiology and incidence, The approach to an obstetrical case, Manipulative delivery per vaginam:farm animals and the bitch, Dystocia due to fetal oversize, Dystocia due to defects of position or presentation, Dystocia due to twins or monstrosities, Injuries and diseases incidental to parturition, The caesarean operation, Caesarean operations in the bitch and cat, Retention of the fetal membranes, Postparturient prolapse of the uterus, Infertility in the cow:general, anatomical and functional, Infectious forms of infertility in cattle, The veterinary control of herd infertility, Sheep infertility, Infertility in the mare, Swine infertility, Infertility in the bitch and cat, The normal sexual apparatus of male animals, Reproductive abnormalities of male animals, Artificial insemination.

Dairy Nutrition, An Issue of Veterinary Clinics of North America: Food Animal Practice,

Current, important information on mastitis for all food animal practitioners! Topics will include new perspectives in mastitis control, treatment of clinical mastitis, antimicrobial resistance in mastitis pathogens, the role of diagnostic microbiology in mastitis control programs, update on control of Staph aureus and Strep ag, epidemiology and control of mycoplasma mastitis, managing environmental mastitis, mastitis vaccine strategies, using mastitis records and somatic cell count data, the role of the milking machine in mastitis control, stray voltage and milk quality, communicating and implementing udder

health programs, and more!

Current Therapy in Large Animal Theriogenology - E-Book

A comprehensive review of therapeutics and control of sheep and goat diseases for the food animal practitioner! Topics include pharmaceutical control of reproduction in sheep and goats, drug laws and regulations in sheep and goats, treatment and control of peri-parturient metabolic diseases in sheep and goats, treatment and control of mastitis and contagious agalactia, control of important clostridial diseases of sheep, treatment and control of ectoparasites in small ruminants, treatment and control of respiratory disease in sheep, treatment of emergency conditions in sheep and goat, control of brucella ovis infection in sheep, non-pharmaceutical control of endoparasitic infections of sheep, anaesthesia and analgesia in sheep and goats, control of paratuberculosis in sheep and goats, pharmaceutical control of endoparasitic infections in sheep, treatment and control of hoof disorders in sheep and goats, and much more!

Pestivirus: Advances in Research and Treatment: 2011 Edition

Whether you're a new vet tech student or reviewing for the certification exam, Mosby's Comprehensive Review for Veterinary Technicians, 4th Edition is the ideal review tool to help you master critical concepts and pass the VTNE. Now in full color, this edition features a user-friendly outline format that helps break down information visually. Coverage reinforces key concepts in basic and clinical sciences, clinical applications, patient management and nutrition, anesthesia and pharmacology, medical and surgical nursing, and critical care, plus new information on pain management. To ensure the most meaningful review, the Evolve site features a study mode that includes 500 review questions and an exam mode that offers a computer-based testing environment similar to what you will encounter when taking the VTNE. Comprehensive coverage includes all areas of veterinary technology, such as: basic and clinical sciences; clinical applications; patient management, nursing and nutrition; anesthesia and pharmacology; and professional practices and issues. Comprehensive review exam at the end of the text contains 350 questions that provide you with a solid review of the vet tech curriculum and the information you need to know to pass the VTNE. User-friendly outline format is conducive to classification and grouping of material, which helps you retain the content. Coverage of dogs, cats, large animals, birds, reptiles, and laboratory animals ensures you are prepared for all aspects of the national board examination. Summarized concepts and procedures are highlighted in boxes and tables to support visual learners. Student-friendly chapter format contains a chapter outline, learning outcomes, a glossary, and review questions. Appendix of veterinary technician resources include American, Canadian, and international vet tech associations; registration of technicians; and special internet sites of interest to veterinary technicians. NEW! Chapter on pain management and updated and expanded chapter discussions provide the information needed to pass the VTNE NEW! Companion Evolve website contains a practice exam that simulates

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the computer-based VTNE testing environment. NEW! Full-color format features vivid color photos to support comprehension and recognition of essential concepts including histology, hematology, diagnostic microbiology and mycology, virology, urinalysis, and parasitology.

Diagnostic Pathology, An Issue of Veterinary Clinics: Food Animal Practice - E-Book

Advances in Ovum Research and Application / 2012 Edition is a ScholarlyEditions™ eBook that delivers timely, authoritative, and comprehensive information about Ovum. The editors have built Advances in Ovum Research and Application / 2012 Edition on the vast information databases of ScholarlyNews.™ You can expect the information about Ovum 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 Advances in Ovum Research and Application / 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/>.

Current Therapy in Large Animal Theriogenology

Written by leading food animal researchers, practitioners, and educators, this comprehensive guide provides quick access to the latest medical and surgical interventions for cattle, sheep, and goats. The concise, quick-reference format and logical body systems organization make it ideal for use in both the clinical setting and the field. You'll easily locate key information on preventing, treating, and managing disease in food animals, as well as expert insights on improving outcomes for individual animals and herd populations. Authoritative, cutting-edge coverage offers clinically relevant strategies for diagnosing and managing a wide range of diseases and disorders in food animals, with a focus on cattle, sheep, and goats. Logically organized content is easy-to-follow and provides a practical approach to determining appropriate medical and surgical interventions. Concise, easy-to-read format helps you find essential information quickly and easily. Expert editors, consultants, and writers ensure the accuracy, relevance, and timeliness of each topic to keep you on the cutting edge of food animal therapy. New editors and a new team of section editors bring a fresh perspective and authoritative guidance on caring for food animals. Completely revised and updated content includes new sections on topics such as: Genital surgery Pharmacology and therapeutics Restraint, anesthesia, and pain management Cow-calf/small ruminant production medicine Feedlot production medicine Coverage of hot topics in the field includes biosecurity in feedlots, therapy in organic livestock medicine, and ethical responsibilities in selecting drugs for use in food animals. Expanded treatment options incorporate surgical interventions where appropriate, including laparoscopic procedures.

Bovine Theriogenology, An Issue of Veterinary Clinics of North America: Food Animal Practice, E-Book

This issue of Veterinary Clinics of North America: Food Animal Practice is guest edited by Dr. Mike Apley on the topic of Bovine Therapeutics. Article subject areas include: Interpretation of bovine susceptibility, Pain control in cattle, Mastitis, Bovine respiratory disease, Enteric disease, Central nervous system disease, Pinkeye, Genitourinary Problems, Musculoskeletal Problems, and the use of metrics to evaluate therapeutic evidence.

Evidence Based Veterinary Medicine for the Bovine Veterinarian, An Issue of Veterinary Clinics: Food Animal Practice - E-Book

Preimplantation Genetics

An essential resource for both students and practitioners, this comprehensive text provides practical, up-to-date information about normal reproduction and reproductive disorders in horses, cattle, small ruminants, swine, llamas, and other livestock. Featuring contributions from experts in the field, each section is devoted to a different large animal species and begins with a review of the clinically relevant aspects of the reproductive anatomy and physiology of both males and females. Key topics include the evaluation of breeding soundness, pregnancy diagnosis, diagnosis and treatment of infertility, abortion, obstetrics, surgery of the reproductive tract, care of neonates, and the latest reproductive technology. Includes coverage of all large animal species. All sections provide a review of clinically pertinent reproductive physiology and anatomy of males and females of each species. Complete coverage of the most current reproductive technology, including embryo transfer, estrous synchronization, and artificial insemination. A new section on alternative farming that addresses reproduction in bison, elk, and deer. New to the equine section: stallion management, infertility, and breeding soundness evaluation. New to the bovine section: estrous cycle synchronization, reproductive biotechnology, ultrasonographic determination of fetal gender, heifer development, and diagnosis of abortion. New to the porcine section: artificial insemination, boar/stud management, diseases of postpartum period, and infectious disease control. New to the llama section: infectious disease and nutrition.

Mastitis in Dairy Cows, An Issue of Veterinary Clinics: Food Animal Practice - E-Book

Theriogenology, the field that studies animal reproductive health and disease, is a challenging field that shows a steady growth. It covers diverse aspects of reproduction in domestic and wild animals, including the assisted reproductive

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techniques, which have enormously enhanced the ability to rescue endangered species and provide a strong support to the high reproductive efficiency requested by livestock production. Reproductive success, as well as infertility, is the culmination of complex physiological and adaptive processes that guarantee, at the end, a species' ability to reproduce and its survival in a challenging and ever-changing environment. In this book, we present to you a collection of manuscripts exploring various aspects of the reproductive function of mammal and marine species. I hope you find this a useful book in your collection.

Beef Heifer Development, An Issue of Veterinary Clinics: Food Animal Practice,

This book covers a variety of topics on animal reproduction and reproductive medicine. With evolving technology and a continual increase in knowledge, regarding domestic pets or agricultural animals, new information is available on diverse topics in this broad field. The book contents reflect the individual experience of authors, who developed a number of themes identified as attracting interest in the field. As it is, new opportunities were opened for productive collaboration. We have tried to provide you with current, specialised information that may be useful to students, clinicians and researchers. We hope this book inspires you to embrace these themes, foster the debate on particular topics and may be used as a start-up source for exploring the theriogenology field.

Mosby's Comprehensive Review for Veterinary Technicians - E-Book

A comprehensive review of evidence-based medicine for the food animal practitioner! Topics include: evidence-based veterinary medicine: principles, applications and perceptions in veterinary medicine, systemic review in the evidence-based veterinary medicine: material and methods, evidence related to the use of ancillary drugs in bovine respiratory disease (anti-inflammatory and others: are they justified or not?), evidence-based use of prokinetic drugs for abomasal disorders in calves and cows, what is the best therapeutic option between intramammary and systemic antibiotic treatment and between intramammary antibiotics?, evidence-based management of infectious certifiable diseases, evidence-based veterinary medicine concerning vaccinal efficiency against clostridial diseases in calves, evidence based therapeutical options for hepatic lipidosis in dairy cows : dextrose, insulin, and others?, and evidence based effectiveness concerning vaccination against mannheimia haemolytica, pasteurilla multocida and histophilus somni in feedlot cattle, and much more!

Lameness in Cattle, An Issue of Veterinary Clinics of North America: Food Animal Practice, E-Book

Bovine Reproduction

Bovine Reproduction is a comprehensive, current reference providing information on all aspects of reproduction in the bull and cow. Offering fundamental knowledge on evaluating and restoring fertility in the bovine patient, the book also places information in the context of herd health where appropriate for a truly global view of bovine theriogenology. Printed in full color throughout, the book includes 83 chapters and more than 550 images, making it the most exhaustive reference available on this topic. Each section covers anatomy and physiology, breeding management, and reproductive surgery, as well as obstetrics and pregnancy wastage in the cow. Bovine Reproduction is a welcome resource for bovine practitioners, theriogenologists, and animal scientists, as well as veterinary students and residents with an interest in the cow.

Aplicaciones de la Biotecnología en la Sanidad Y la Producción Animal

REBHUN'S DISEASES OF DAIRY CATTLE, 2nd Edition is your all-in-one guide to bovine disease management. With thorough, up-to-date coverage of differential diagnosis methods, surgical and therapeutic treatment options, and prevention strategies, it provides vital information for battling bovine diseases in both dairy and non-dairy cattle. The book is organized by body system for quick, convenient reference, and this new edition meets the growing need for management of both diseases of individual cows and problems affecting whole herds. Individual case presentations provide a valuable tool for differential diagnosis. Practical overviews for procedures such as blood transfusion, abdominal paracentesis, and ECG give you reliable support for some of the most common procedures in bovine care. Body systems organization makes diagnosis easier and more effective by isolating system-specific diseases and conditions. Full-color design and over 200 new photographs depict disease processes in realistic clarity and ensure the most accurate diagnosis and treatment. Emphasis on herd health addresses the dairy industry's increased concern over population medicine. Expanded coverage of lameness highlights key problem areas in bovine feet. Revised drug usage recommendations and legal considerations present the most current information in these critical areas to help you prevent dangerous or costly errors. Additional public health/safety considerations identify diseases that pose a substantial public threat and detail special measures for related care of dairy cattle. New, innovative DVD features real-time videos of neurologic case studies, ultrasound and endoscopy procedures, and imaging techniques that familiarize you with the latest technological equipment and protocols. Features coverage of the latest treatment innovations including antibiotic residue testing, care of individual metabolic disease, troubleshooting, and much more.

Cryobanking the Genetic Resource

Pestivirus: Advances in Research and Treatment: 2011 Edition is a ScholarlyPaper™ that delivers timely, authoritative, and

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intensively focused information about Pestivirus in a compact format. The editors have built Pestivirus: Advances in Research and Treatment: 2011 Edition on the vast information databases of ScholarlyNews.™ You can expect the information about Pestivirus 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 Pestivirus: Advances in Research and Treatment: 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/>.

Conference Proceedings

An international journal of animal reproduction.

Assessment of Mammalian Embryo Quality

Current Veterinary Therapy - E-Book

Advances in Sorbitol Research and Application / 2012 Edition is a ScholarlyPaper™ that delivers timely, authoritative, and intensively focused information about Sorbitol in a compact format. The editors have built Advances in Sorbitol Research and Application / 2012 Edition on the vast information databases of ScholarlyNews.™ You can expect the information about Sorbitol 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 Advances in Sorbitol Research and Application / 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/>.

Developmental Programming in Livestock Production, An Issue of Veterinary Clinics of North America: Food Animal Practice - Ebook

The latest information on heifer development in beef cattle for the food animal practitioner! Topics include rebuilding the US cowherd, physiology and endocrinology of puberty, nutritional development and the target weight debate, long-term

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reproductive health, effect of prenatal programming on development, economics of development, synchronization of estrus and ovulation, post breeding heifer management, management strategies for adding value to heifers, and more!

New Insights into Theriogenology

The latest information on diagnostic pathology for the food animal practitioner! Topics include respiratory diagnostics and pathology, diagnostics of dairy and beef calf diarrhea, gastrointestinal diagnostics and pathology in feedlot cattle, neuropathology and diagnostics in food animals, musculoskeletal and integument pathology in food animals, mastitis diagnostics, ruminant toxicology diagnostics, camelid pathology and diagnostics, abortion diagnostics, field necropsy and diagnostic sample submission, population approaches to diagnostics and epidemiology, and more!

Reproduction in Cattle

This issue, edited by Dr. Jan Shearer, focuses on Lameness in Cattle. Article topics include: Economic Impact of Lameness in Cattle; Pathogenesis of Sole Ulcers and White Line Disease; Current Concepts on the Pathogenesis and Treatment of Digital Dermatitis; Pathogenesis and Treatment of Foot rot; A Brief Review of Effective Footbath Compounds, Design and Management; Pathogenesis and Treatment of Toe Lesions in Cattle (including Non-Healing Toe Lesions); A Comparison of Foot Trimming Methods for Use in Cattle; Pathogenesis and Management of Corkscrew Claw in Cattle; Diagnosis and Prognosis of Common Disorders Involving the Proximal Limb; Scoring Locomotion and Mobility in Cattle (to include Fatigue Cattle Syndrome); The Relationship of Cow Comfort and Flooring to Lameness Disorders in Dairy Cattle; Treatment Options for Lameness Disorders in Organic Dairies; Welfare Implications of Lameness in Dairy Cattle; Pain Management for Lameness Disorders in Cattle, and Training On-Farm Employees in Foot Care.

Rebhun's Diseases of Dairy Cattle E-Book

A comprehensive review of current therapy in large animal theriogenology. Includes sections on endocrine therapy; diagnostic endocrinology; reproductive biotechnology; and bovine, caprine, ovine, porcine, and equine theriogenology. The most up-to-date and thorough book of its kind currently available!

Theriogenology

Guest Editors Catherine Lamm and Chelsea Makloski review articles in theriogenology for the small animal practitioner. Topics will include: managing the reproductive cycle in the bitch, clinical techniques of artificial insemination in dogs,

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current advances in gestation and parturition in cats and dogs, clinical approaches to infertility in the bitch, the problem stud dog, guide to emergency interception during parturition in the dog and cat, clinical approach to abortion, still birth and neonatal death in cats and dogs, disorders of sexual development, common lesions in the male reproductive tract of cats and dog, common lesions in the female reproductive tract of cats and dogs, bacterial reproductive pathogens of cats and dogs, viral reproductive pathogens of cats and dogs, and more!

Theriogenology, An Issue of Veterinary Clinics: Small Animal Practice - E-Book

A comprehensive review of bovine respiratory disease for the food animal practitioner! Topics will include control methods for bovine respiratory disease for cow-calf, stocker and feedlot cattle, metaphylaxis, pathology, immunology, mycoplasma, bovine viral diarrhea virus, bovine respiratory syncytial virus, infectious bovine rhinotracheitis, bovine respiratory coronavirus, bacteriology of bovine respiratory disease, atypical interstitial pneumonia, diagnostics for bovine respiratory disease, and much more!

Proceedings

Thanks to enormous scientific efforts of the last decades, in vitro fertilization (IVF) and in vitro production (IVP) have now been introduced successfully in the practice of human infertility treatment and cattle breeding programs. This comprehensive book allows us to bridge the knowledge from both biomedical and veterinary fields of research. For the first time, studies concerning the human embryo as well as embryos from domestic species are brought together. The central theme of the book is "the assessment of mammalian embryo quality". In 15 chapters, written by well-known scientists, different aspects of the assessment of mammalian embryo quality are summarized. Non-invasive and invasive techniques to evaluate embryo quality are separated in two parts. In addition the book is provided with appendices on practical aspects and, thus, the book should be present in each laboratory for IVF and IVP.

Ruminant Toxicology, An Issue of Veterinary Clinics: Food Animal Practice - E-Book

This issue of Veterinary Clinics: Food Animal Practice, edited by Dr. Pamela Ruegg and Dr. Christina Petersson-Wolfe, focuses on Mastitis, with topics including: Methods for Diagnosing Mastitis; Implementing OFC in a Veterinary Practice; Antibiotic Usage for Mastitis; Impementing Effective Dry Cow; Mastitis and Animal Welfare; Genetic Selection for Mastitis Resistance; Teat Condition and Diseases; Maximizing Udder Health in a Robotic Milking System; Impact and Mitigation of Heat Stress for Mastitis Control; Optimizing Mastitis Records; Mastitis Immunology; and Communicating with Dairy Workers.

Issues in Biological, Biochemical, and Evolutionary Sciences Research: 2011 Edition

This issue of Veterinary Clinics of North America: Food Animal Practice focuses on Bovine Theriogenology. Article topics include: Reproductive systems for North American Beef Cattle Herds, Reproductive systems for North American Dairy Cattle Herds, Beef Heifer Development, Dairy Heifer Development, Evaluation of data obtained at pregnancy detection of beef herds, Synchronization and AI Strategies in Beef Herds, Synchronization and AI Strategies in Dairy Herds, Embryo Transfer, Management of reproductive disease in dairy cattle, Venereal Diseases of Cattle, Diagnosis and Control of Neosporosis, Management and Breeding Soundness Examination of Yearling Bulls, and more!

Knobil and Neill's Physiology of Reproduction

This issue of Veterinary Clinics of North America: Food Animal Practice focuses on Bovine Theriogenology. Article topics include: Reproductive systems for North American Beef Cattle Herds, Reproductive systems for North American Dairy Cattle Herds, Beef Heifer Development, Dairy Heifer Development, Evaluation of data obtained at pregnancy detection of beef herds, Synchronization and AI Strategies in Beef Herds, Synchronization and AI Strategies in Dairy Herds, Embryo Transfer, Management of reproductive disease in dairy cattle, Venereal Diseases of Cattle, Diagnosis and Control of Neosporosis, Management and Breeding Soundness Examination of Yearling Bulls, and more!

Therapeutics and Control of Sheep and Goat Diseases, An Issue of Veterinary Clinics: Food Animal Practice - E-Book

There is a growing awareness of a worldwide reduction in biodiversity and the urgent need to develop ways to redress the problem. This is the first major book devoted to the subject of genetic resource banking (GRB) and its role in preserving global animal biodiversity. In Cryobanking the Genetic Resource, expert contributors provide the non-specialist with an overview of the subject and the practical techniques associated with GRB. The book presents a basic introduction to the concepts, and then points the way to relevant literature for those who wish to develop practical applications. The first section deals with the potential contribution of GRB to biodiversity protection, while the second section offers an introduction to the basic cryobiology of gametes and embryos. In the first section, genetic considerations for planning interventions are discussed, together with disease control measures. This section explores related reproductive technologies necessary for the use of cryopreserved gametes and embryos, as well as a range of other issues such as ownership and security of stored material, and the size and location of cryopreserved material. The second section offers a thorough review of the literature on cryopreservation of spermatozoa, oocytes, and embryos. It gathers species into related groups for ease of reference, and does not assume extensive specialist knowledge so that newcomers to the field can make

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the best use of the available research. This book is an essential resource for zoologists and conservationists with an interest in genetic management and captive breeding, and also for students involved in biodiversity issues, conservation, and assisted reproduction.

Bovine Clinical Pharmacology, An Issue of Veterinary Clinics of North America: Food Animal Practice,

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