
Diagram Of Female Sheep Reproductive System

Hormones and Reproduction of Vertebrates, Volume 5

Mammalian Sexuality

Sperm Biology

Haeckel's Embryos

Uterine Physiology

Reproduction in Farm Animals

Knobil and Neill's Physiology of Reproduction

The Oviduct and Its Functions

Knobil and Neill's Physiology of Reproduction

The Origins of Agriculture in the Ancient Near East

Bovids of the World

Sheep, Goat, and Cervid Medicine - E-Book

Neuroendocrine Clocks and Calendars

Sheep and Goats in Developing Countries

Contraceptive Research and Development

A Textbook of Clinical Embryology

Guide to Ruminant Anatomy

Principles and Practice of Fertility Preservation

Avian Reproduction

Molecular Biology of the Cell

Encyclopedia of Reproduction

Kisspeptin Signaling in Reproductive Biology

Scientific and Medical Aspects of Human Reproductive Cloning

Comparative Reproductive Biology

Bovine Reproduction

Reproductive Technologies in Animals

Female Pelvic Medicine and Reconstructive Pelvic Surgery
Reproduction in Farm Animals
The Mammalian Oviduct
The Topographical Anatomy of the Thorax and Abdomen of the Horse
Halophytic and Salt-Tolerant Feedstuffs
Goat Science
Textbook of Clinical Embryology
Preterm Birth
The Ecology of Reproduction in Wild and Domestic Mammals
Illustrated Veterinary Anatomical Nomenclature
Lakhmir Singh's Science for Class 8
Culture Media, Solutions, and Systems in Human ART
Sheep Veterinary Practice
Intensive Sheep Production in the Near East

*Diagram Of Female Sheep
Reproductive System*

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CLARA TRISTIAN

Hormones and Reproduction of Vertebrates, Volume 5 Academic Press

The objectives of this study are to assess the role of small ruminants (sheep and goats) in the food production systems of developing countries, examine their advantages and disadvantages, analyze the constraints limiting their further contribution to the welfare of small farm/low income rural producers, prescribe measures for overcoming these constraints, and make recommendations related to potential donor involvement in support of the development of sheep and goat

production. Small ruminants are viewed as an integral, but not dominant component of complex agricultural systems. Particular emphasis is placed on sheep and goats in mixed herds grazing dry rangelands and in small mixed farm systems in medium to high rainfall areas. An analysis of major constraints -- ecological, biological, policy, and socio-economic -- leads to recommendations on the need for a balanced production system approach for research, training and development programs, and for a combination of support activities such as herd health programs, and formulation of favorable credit, marketing and pricing policies for small ruminants and their products.

Mammalian Sexuality Georg Thieme Verlag

Human reproductive cloning is an assisted reproductive technology that would be carried out with the goal of creating a

newborn genetically identical to another human being. It is currently the subject of much debate around the world, involving a variety of ethical, religious, societal, scientific, and medical issues. Scientific and Medical Aspects of Human Reproductive Cloning considers the scientific and medical sides of this issue, plus ethical issues that pertain to human-subjects research. Based on experience with reproductive cloning in animals, the report concludes that human reproductive cloning would be dangerous for the woman, fetus, and newborn, and is likely to fail. The study panel did not address the issue of whether human reproductive cloning, even if it were found to be medically safe, would be "or would not be" acceptable to individuals or society.

Sperm Biology National Academies Press

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.

Haeckel's Embryos Cambridge University Press

****Selected for Doody's Core Titles® 2024 in Veterinary Medicine**** Get practical answers from the only guide on the care of sheep, goats, and cervids! Authoritative yet easy to read, *Sheep, Goat and Cervid Medicine, 3rd Edition* covers all the latest advances in the field, including diseases and medical treatment, surgery, pain management, theriogenology, and nutrition. Clear instructions and hundreds of full-color photographs guide you step by step through common procedures including restraint for examination, administration of drugs, blood collection, and grooming. New to this edition is coverage of deer and elk medicine, reflecting the growing interest in these ruminants. Written by an expert team led by Dr. D.G. Pugh, this comprehensive reference is ideal for veterinarians and also for owners of sheep and goats. - Clear writing style and consistent organization makes the book easy to understand and use, with disease chapters including pathogenesis, clinical signs, diagnosis, treatment, and prevention. - Coverage of both surgery and medicine in each body systems chapter makes it easier to choose between treatment options for specific disorders. - Superbly illustrated surgical procedures clearly demonstrate the steps to follow in performing medical and reproductive surgery. - Diverse, expert contributors include the most experienced authorities, each providing current information on the care of valuable breeding stock as well as pets. - Useful appendixes, now including veterinary feed directives, offer convenient access to information on drugs and drug dosages, fluid therapy, and normal values and conversions. - Consistent, logical format in each body systems chapter makes information easy to find by beginning with physical examination and diagnostic procedures, followed by

discussions of common diseases that involve the system. - Comprehensive Feeding and Nutrition chapter covers diet evaluation, method of balancing rations, total parenteral nutrition, and examples of nutritious diets. - Explanation of the differences in normal behavior between sheep and goats shows how they are not the same, and require different methods of treatment. - NEW! Coverage of cervids has been added to chapters throughout the book, reflecting the growing popularity of deer and elk. - NEW! Thorough content updates are made throughout the book and reflect the latest research evidence. - NEW! 170 new clinical photos have been added. - NEW! Anesthesia and Pain Management chapter includes a new section on pain management strategies, reflecting the emphasis on controlling pain in small ruminants. - NEW! Expert Consult website offers an online version of the book, making it easy to search the entire book electronically. - NEW! Two new authors are respected and well-known veterinary medicine experts and educators: Dr. Misty Edmondson and Dr. Thomas Passler.

Uterine Physiology Springer Nature

Depicts and defines more than 6500 structures named in the "Nomina Anatomica Veterinaria" (NAV), aiding the user in understanding anatomy and in clarifying its concepts. This book focuses on the gross anatomical structures of the cat, dog, pig, ox, sheep, goat, and horse.

Reproduction in Farm Animals John Wiley & Sons

This text includes sections on anatomy, normal and abnormal physiology, investigation techniques, inflammatory conditions and treatment options. The international panel of contributors is at the forefront of research in the field; the editors have

assembled these contributors and topics that span the entire range of pelvic floor disorders in women. Throughout, the emphasis is on an evidence-based approach to the treatment of pelvic floor problems. Indispensable for gynecologists and urologists.

Knobil and Neill's Physiology of Reproduction Springer Science & Business Media

The first detailed account of post-copulatory sexual selection and the evolution of reproduction in mammals.

The Oviduct and Its Functions Springer

The most comprehensive guide to the bovids of the world Bovids are a diverse group of ruminant mammals that have hooves and unbranched hollow horns. Bovids of the World is the first comprehensive field guide to cover all 279 bovid species, including antelopes, gazelles, cattle, buffaloes, sheep, and goats. From the hartebeest of Africa and the takin of Asia to the muskox of North America, bovids are among the world's most spectacular animals and this stunningly illustrated and easy-to-use field guide is an ideal way to learn more about them. The guide covers all species and subspecies of bovids described to date. It features more than 300 superb full-color plates depicting every kind of bovid, as well as detailed facing-page species accounts that describe key identification features, horn morphology, distribution, subspeciation, habitat, and conservation status in the wild. This book also shows where to observe each species and includes helpful distribution maps. Suitable for anyone with an interest in natural history, Bovids of the World is a remarkable and attractive reference, showcasing the range and beauty of these important mammals. The first comprehensive field guide to

all 279 bovid species 337 full-color plates, with more than 1,500 photographs Detailed species accounts describe key identification features, distribution, subspeciation, habitat, behavior, reproduction, and conservation status Fully updated and revised taxonomy, with common and scientific names Easy-to-read distribution maps

Knobil and Neill's Physiology of Reproduction Cambridge University Press

The "contraceptive revolution" of the 1960s and 1970s introduced totally new contraceptive options and launched an era of research and product development. Yet by the late 1980s, conditions had changed and improvements in contraceptive products, while very important in relation to improved oral contraceptives, IUDs, implants, and injectables, had become primarily incremental. Is it time for a second contraceptive revolution and how might it happen? *Contraceptive Research and Development* explores the frontiers of science where the contraceptives of the future are likely to be found and lays out criteria for deciding where to make the next R&D investments. The book comprehensively examines today's contraceptive needs, identifies "niches" in those needs that seem most readily translatable into market terms, and scrutinizes issues that shape the market: method side effects and contraceptive failure, the challenge of HIV/AIDS and other sexually transmitted diseases, and the implications of the "women's agenda." *Contraceptive Research and Development* analyzes the response of the pharmaceutical industry to current dynamics in regulation, liability, public opinion, and the economics of the health sector and offers an integrated set of recommendations for public- and

private-sector action to meet a whole new generation of demand. *The Origins of Agriculture in the Ancient Near East* CRC Press
 ""The value of this book cannot be overstated. As a student, many years ago, there were no comprehensive textbooks on sheep medicine, so I was lucky to have Professor Abbott as an inspiring lecturer. This book is needed by students!" Following on from his first book, *Sheep Veterinary Practice* remains the ideal reference for veterinarians in farm animal practice, veterinary and animal science students, agriculturalists, and sheep producers. Principally addressing sheep health, welfare, and production matters in Australia, it covers issues and clinical practice of relevance in many countries of the world where sheep are raised. Sheep veterinary specialist Professor Kym Abbott informs the reader of the science underpinning the occurrence of disease syndromes, giving special attention to commonly investigated problems related to nutrition, reproduction, and helminth diseases. Other disease conditions of sheep are discussed in subsequent chapters; first on the basis of presenting signs in the case of lameness and sudden death - conditions in which signs can be attributed to disorders of a variety of body systems - and then on a body-systems basis. This new edition thoroughly revises and expands on the previous text, adding a review of the systems and strategies available to improve the welfare of sheep in extensive farming systems, a chapter on pain relief, analgesia and anaesthesia for sheep, and a chapter on metacestodes. The text is illustrated with more than 150 full-colour images and photographs"--

Bovids of the World Springer Science & Business Media
 Personnel working in assisted reproductive technology often lack

the opportunities for dedicated training in the specialized techniques and technologies required for the procedures. As such, success in the form of live birth rates can range from over 50% to less than 10% per treatment cycle. This comprehensive introductory textbook is an essential resource for trainee embryologists, medical students and nurses. The recent revolutions in biotechnology and molecular biology involved in delivering assisted reproductive services are thoroughly discussed. Basic knowledge such as the development and physiology of both male and female reproductive systems is covered, with practical aspects of IVF including gamete and embryo manipulation, cryopreservation and genetic testing explained in detail. A full description of the optimal structure and management of the IVF laboratory is given, helping ensure procedures are safe and effective. Extensive and highly detailed colour illustrations bring the content to life and aids readers in their understanding.

Sheep, Goat, and Cervid Medicine - E-Book Gulf Professional Publishing

This volume describes culture media and solutions used in human ART; how they have been developed for in vitro human pre-implantation embryo development, the function and importance of the various components in media and solutions and how they interact, and how the systems in which these are used can influence outcomes. Chapters discuss inorganic solutes, energy substrates, amino acids, macromolecules, cytokines, growth factors, buffers, pH, osmolality, and the interaction of these parameters. The role of incubators and other physical factors are reviewed, along with the relevance and prospects of emerging

technologies: morphokinetic analysis using time-lapse imaging and dynamic fluid incubation systems. Results of prospective randomized trials are emphasized to ascertain the added value of these techniques for selecting viable embryos. This comprehensive guide will be invaluable for embryologists, physicians and all personnel involved in the fluid products used in human ART seeking to optimize their successful use of these components.

Neuroendocrine Clocks and Calendars John Wiley & Sons

The 3rd edition, the first new one in ten years, includes coverage of molecular levels of detail arising from the last decade's explosion of information at this level of organismic organization. There are 5 new Associate Editors and about 2/3 of the chapters have new authors. Chapters prepared by return authors are extensively revised. Several new chapters have been added on the topic of pregnancy, reflecting the vigorous investigation of this topic during the last decade. The information covered includes both human and experimental animals; basic principles are sought, and information at the organismic and molecular levels are presented. *The leading comprehensive work on the physiology of reproduction* Edited and authored by the world's leading scientists in the field *Is a synthesis of the molecular, cellular, and organismic levels of organization* Bibliographics of chapters are extensive and cover all the relevant literature
Sheep and Goats in Developing Countries BoD – Books on Demand

This book explores how daily and seasonal rhythmicity is generated, how these rhythms are synchronised by our environment, and how they regulate the neuroendocrine systems

that impact our physiology and behaviour. The constraints of surviving in a seasonal environment have shaped human evolution and migration, have shaped our societies and cultures, and continue to influence our everyday lives, health and wellbeing. Identifying the mechanisms whereby seasonal rhythmicity is generated and regulates the brain and body is not only important for understanding the natural world and relevant to animal production, it also offers many insights into the human condition. Each chapter is written by an international expert in the field of chronobiology. A historical perspective on how research into photoperiodism and rhythmicity progressed is initially provided, but the main focus of this book is on the remarkable studies in the last few decades that have unravelled the molecular and cellular machinery underpinning circadian and circannual timing. Topics covered include the role of melatonin in communicating seasonal information to the brain and pituitary gland, the neuroanatomical pathways in mammals, birds and fish by which changes in photoperiod reach the hypothalamus, the role of glial cells (tanycytes) and thyroid hormone in seasonal rhythmicity, neuroplasticity across seasons, effects of changing day length on mood, regulation of “clock” gene expression, and the role of the suprachiasmatic nucleus. This book will appeal to all students and researchers who wish to learn about current and past research on daily and seasonal rhythmicity. This is the tenth volume in the International Neuroendocrine Federation (INF) Masterclass in Neuroendocrinology series (Volumes 1-7 published by Wiley) that aims to illustrate highest standards and encourage the use of the latest technologies in basic and clinical research and hopes to provide inspiration for further exploration into the

exciting field of neuroendocrinology.

Contraceptive Research and Development John Wiley & Sons

This book provides everything from basic knowledge to the recent understandings of avian reproductive physiology, covering many unique aspects. It will inspire avian biologists as well as researchers in varied fields and will offer important steps towards better fertilization success in birds. In spite of the recent remarkable developments in modern technology, a comprehensive understanding of the reproductive mechanisms is still far in the future due to the diverse reproductive tactics in vertebrates. Birds have highly refined reproductive strategies and some of those strategies are unique to birds. However, together with ongoing progress of the genome analysis of birds and the crying need for further increase in meat and egg production, research on avian reproduction is now accelerating and becoming more important. With contributions by leading scientists, the book explains avian primordial germ cells; the sex-determining mechanism; reproductive endocrinology and immunology; sperm, egg, and egg coat; sperm-egg interaction; polyspermic fertilization; seasonal reproduction; social triggers; hormonal and behavioral changes; broodiness; oviductal sperm storage; and biotechnology. This book is recommended for all researchers and students who are interested in birds or reproduction.

A Textbook of Clinical Embryology Academic Press

Goat science covers quite a wide range and varieties of topics, from genetics and breeding, via nutrition, production systems, reproduction, milk and meat production, animal health and parasitism, etc., up to the effects of goat products on human health. In this book, several parts of them are presented within

18 different chapters. Molecular genetics and genetic improvement of goats are the new approaches of goat development. Several factors affect the passage rate of digesta in goats, but for diet properties, goats are similar to other ruminants. Iodine deficiency in goats could be dangerous. Assisted reproduction techniques have similar importance in goats like in other ruminants. Milk and meat production traits of goats are almost equally important and have significant positive impacts on human health. Many factors affect the health of goats, heat stress being of increasing importance. Production systems could modify all of the abovementioned characteristics of goats.

Guide to Ruminant Anatomy Cambridge University Press
Lakhmir Singh's Science is a series of books which conforms to the NCERT syllabus. The main aim of writing this series is to help students understand difficult scientific concepts in a simple manner in easy language. The ebook version does not contain CD.

Principles and Practice of Fertility Preservation Food & Agriculture Org

The success of Assisted Reproductive Technology is critically dependent upon the use of well optimized protocols, based upon sound scientific reasoning, empirical observations and evidence of clinical efficacy. Recently, the treatment of infertility has experienced a revolution, with the routine adoption of increasingly specialized molecular biological techniques and advanced methods for the manipulation of gametes and embryos. This textbook – inspired by the postgraduate degree program at the University of Oxford – guides students through

the multidisciplinary syllabus essential to ART laboratory practice, from basic culture techniques and micromanipulation to laboratory management and quality assurance, and from endocrinology to molecular biology and research methods. Written for all levels of IVF practitioners, reproductive biologists and technologists involved in human reproductive science, it can be used as a reference manual for all IVF labs and as a textbook by undergraduates, advanced students, scientists and professionals involved in gamete, embryo or stem cell biology.

Avian Reproduction Elsevier

Encyclopedia of Reproduction, Second Edition, Six Volume Set comprehensively reviews biology and abnormalities, also covering the most common diseases in humans, such as prostate and breast cancer, as well as normal developmental biology, including embryogenesis, gestation, birth and puberty. Each article provides a comprehensive overview of the selected topic to inform a broad spectrum of readers, from advanced undergraduate students, to research professionals. Chapters also explore the latest advances in cloning, stem cells, endocrinology, clinical reproductive medicine and genomics. As reproductive health is a fundamental component of an individual's overall health status and a central determinant of quality of life, this book provides the most extensive and authoritative reference within the field. Provides a one-stop shop for information on reproduction that is not available elsewhere Includes extensive coverage of the full range of topics, from basic, to clinical considerations, including evolutionary advances in molecular, cellular, developmental and clinical sciences Includes multimedia and interactive teaching tools, such as downloadable PowerPoint

slides, video content and interactive elements, such as the Virtual Microscope

Molecular Biology of the Cell National Academies Press

When you're looking for a comprehensive and reliable text on large animal reproduction, look no further! the seventh edition of this classic text is geared for the undergraduate student in Agricultural Sciences and Veterinary Medicine. In response to reader feedback, Dr. Hafez has streamlined and edited the entire text to remove all repetitious and nonessential material. That means you'll learn more in fewer pages. Plus the seventh editing is filled with features that help you grasp the concepts of

reproduction in farm animals so you'll perform better on exams and in practice: condensed and simplified tables, so they're easier to consult an easy-to-scan glossary at the end of the book an expanded appendix, which includes graphic illustrations of assisted reproduction technology Plus, you'll find valuable NEW COVERAGE on all these topics: Equine Reproduction: expanded information reflecting today's knowledge Llamas (NEW CHAPTER) Micromanipulation of Gametes and In Vitro Fertilization (NEW CHAPTER!) Reach for the text that's revised with the undergraduate in mind: the seventh edition of Hafez's Reproduction in Farm Animals.