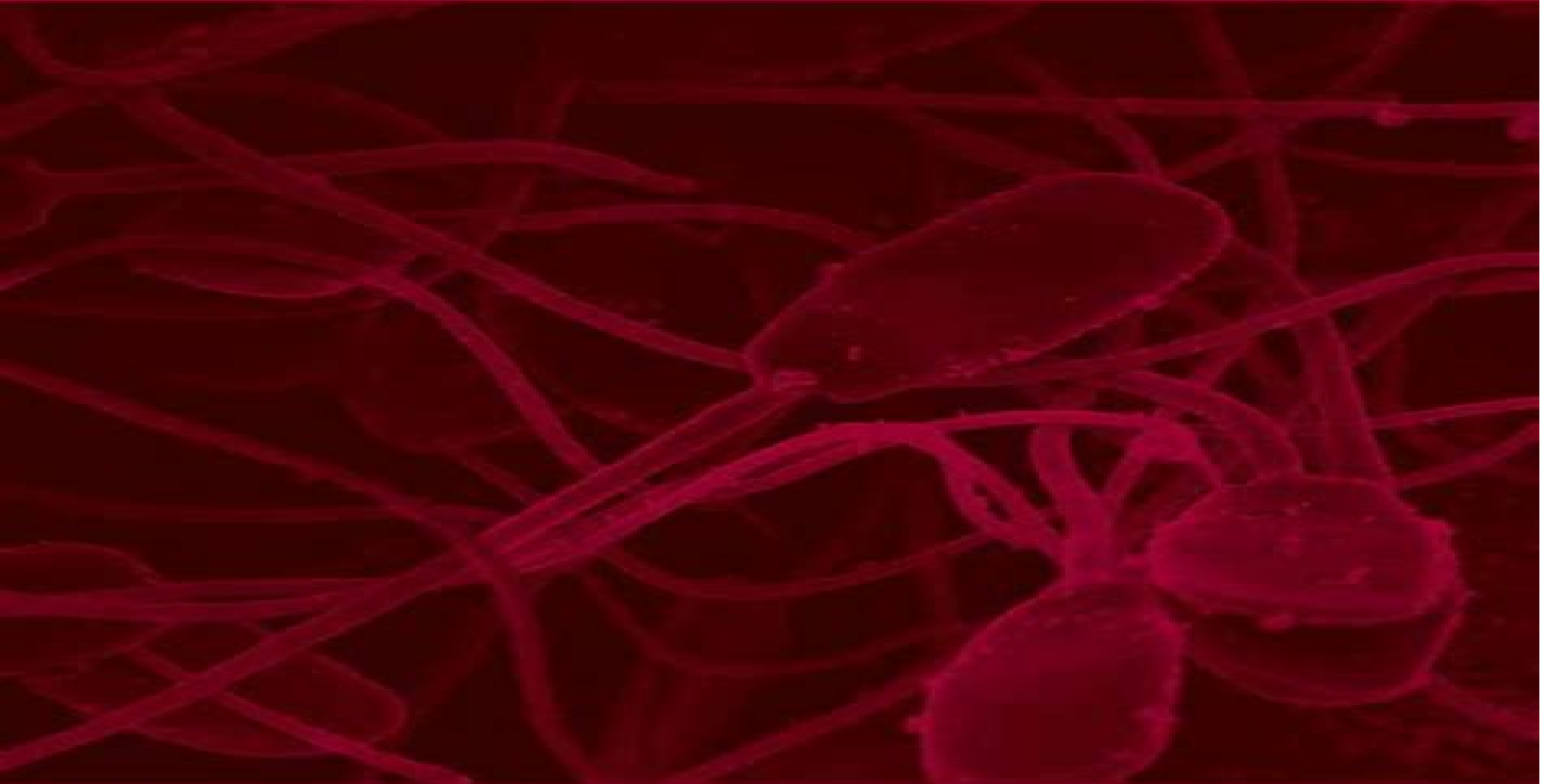


# Reproduction in Domestic Animals

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# Reproduction In Domestic Animals

**Frank W. Nicholas**



## **Reproduction In Domestic Animals:**

*Reproduction in Domestic Animals* H. H. Cole, P. T. Cupps, 2013-09-24 *Reproduction in Domestic Animals* Second Edition discusses the chemistry of gonadotropins and biochemistry of the gonadal hormones. The book presents the immunological characterization of the gonadotropins and the regulation of the secretion of pituitary gonadotropins by the nervous system. The text describes the physiology of reproduction and then discusses the effects of hormones on the development and differentiation of the brain. Another topic of interest is the formation of preovulatory follicles. The section that follows describes the necessity of quantitative female gametes production. The book will provide valuable insights for biologists, zoologists, students and researchers in the field of animal reproduction. *Reproduction in Domestic Animals* Harold Harrison Cole, P. T. Cupps, 1977. Historical introduction. Gonadotropins. Role of the nervous system in reproductive processes. Gonadal hormones and uterine factors. Biological and immunological assay of gonadotropic and gonadal hormones. Mechanism of action of sex steroid hormones in the female. **Reproduction in Domestic Animals** Harold Harrison Cole, Perry Thomas Cupps, 1959. *Reproduction in Domestic Animals* Perry T. Cupps, 1991-02-20. A unique feature of this book is the focus on large domestic animals. Previous editions were considered the Bible of reproductive physiology. It covers basic large animal reproductive physiology, provides species specific information and is suitable as a textbook for upper division courses. *Reproduction in Domestic Animals* Harold Harrison Cole, Perry Thomas Cupps, 1959. **Reproduction in Domestic Animals** Edited Cupps P.T., H.H. Cole, 1991. **Reproductive Genomics in Domestic Animals** Zhihua Jiang, Troy L. Ott, 2011-06-17. *Reproductive Genomics in Domestic Animals* is a thorough examination of genomics in the livestock industry encompassing genome sciences, genome biotechnology and reproduction. Recent developments in molecular genetics and genomics have enabled scientists to identify and characterize genes contributing to the complexity of reproduction in domestic animals, allowing scientists to improve reproductive traits. Providing the livestock industry with essential tools for enhancing reproductive efficiency. *Reproductive Genomics in Domestic Animals* surveys the current status of reproductive genomes and looks to the future direction of research. *Reproduction in Domestic Animals, V.1* H. H. C. Cole, 1964. *Reproduction in Domestic Animals, V.2* H. H. C. Cole, **Historical Introduction [to Reproduction in Domestic Animals]** Sydney Arthur Asdell, 1969. **Reproduction in Domestic Animals**, 1991. *Clinical Biochemistry of Domestic Animals* Jiro J. Kaneko, John W. Harvey, Michael Bruss, 1997. This updated and expanded Fifth Edition of *Clinical Biochemistry of Domestic Animals* brings together in a single comprehensive volume all the pertinent information regarding the biochemistry of disease and non-disease states in animals. Clinical veterinarians and animal scientists now routinely use many of the same diagnostic and therapeutic tools used to identify and treat diseases and metabolic disorders in humans, making this book an indispensable teaching, learning and application resource for anyone engaged in the care, health and welfare of animals. This book concentrates on the various rationales and interpretations regarding the biochemistry of disease.

in animals It includes newly updated chapters with current references and new chapters on clinical toxicology and avian clinical biochemistry Key Features Brings together in a single comprehensive volume all the pertinent information regarding the biochemistry of disease and non disease states in animals Includes newly updated chapters with current references Contains new chapters on clinical toxicology and avian clinical biochemistry Concentrates on the various rationales and interpretations regarding the biochemistry of disease in animals

**Oocyte Physiology and Development in Domestic Animals** Rebecca Krisher, 2013-02-19 Oocyte Physiology and Development in Domestic Animals reviews the most recent advances in the research of physiological and biochemical mechanisms underlying oocyte growth and development providing readers with the fundamental understanding of these key processes and summarizing this important field of research The book covers multiple molecular and physiological mechanisms including initiation of oocyte growth during folliculogenesis and in vitro follicle culture to support oocyte competence that are critical to health and quality Physiological process ranging from gene expression to metabolism will be covered with an eye toward using these factors to uncover biomarkers that will further advance the field In addition the text looks at the effects of in vitro maturation environments on oocyte quality and developmental outcome ... Conference of the European Society for Domestic Animal Reproduction European Society for Domestic Animal Reproduction, 1998 *Reproduction in Domesticated Animals* Gordon J. King, 1993

**Control of reproductive functions in domestic animals** Wolfgang Jöchle, D. R. Lamond, 1980 *Introduction to Veterinary Genetics* Frank W. Nicholas, 2013-05-30 The concepts of veterinary genetics are crucial to understanding and controlling many diseases and disorders in animals They are also crucial to enhancing animal production Accessible and clearly presented Introduction to Veterinary Genetics provides a succinct introduction to the aspects of genetics relevant to animal diseases and production Now in its third edition this is the only introductory level textbook on genetics that has been written specifically for veterinary and animal science students Coverage includes basic genetics molecular biology genomics cytogenetics immunogenetics population genetics quantitative genetics biotechnology and the use of molecular tools in the control of inherited disorders This book describes in detail how genetics is being applied to artificial selection in animal production It also covers the conservation of genetic diversity in both domesticated and wild animals New for the Third Edition End of chapter summaries provide quick recaps Covers new topics epigenetics genomics and bioinformatics Thoroughly revised according to recent advances in genetics Introduction to Veterinary Genetics is still the only introductory genetics textbook for students of veterinary and animal science and will continue to be an indispensable reference tool for veterinary students and practitioners alike Reproductive Technologies in Farm Animals Ian Gordon, 2004 In the past half century great progress has been made in the reproductive management of farm animals both mammals and birds This book aims to review developments and indicate which reproductive technologies can be used commercially or in research It begins by discussing artificial insemination and how this has recently been refined in semen sexing technology Embryo transfer in

vitro embryo production technology and the control of oestrus and ovulation are then reviewed Subsequent chapters consider the control of postpartum ovarian activity seasonal breeding multiple births and litter size pregnancy testing parturition and the onset of puberty The author then describes more recent developments in cloning and the production of transgenic animals before a final chapter on suppressing reproductive activity

### **Clinical Biochemistry of Domestic Animals** Jiro

Jerry Kaneko, John W. Harvey, Michael L. Bruss, 2008-09-04 The 6th edition of a well known and much used standard text in the field This book covers all aspects of the biochemical abnormalities caused by various diseases and how they relate to the biochemical changes in the blood urine cerebrospinal fluid joint fluids other body fluids and in cells The purpose is to provide the fundamental bases for understanding the biochemical changes that occur in disease processes and in turn to provide the rationale for applying this understanding to the diagnosis of the disease process A substantial appendix is provided so that the user can quickly identify the reference ranges for a large number of animal species An appendix is provided in the book so that the user can quickly identify the reference ranges for a large number of animal species Explains what biochemical changes occur in disease processes and provides the rationale for applying this understanding to the diagnosis of the disease process

### **Feline Reproduction** Aime

Johnson, Michelle Kutzler, 2022-06-28 Cats are one of the most popular pets in the world and cat owners want advanced veterinary care There is a growing interest in purebred cats which requires the highest quality reproductive care from the general veterinary practitioners In Feline Reproduction all aspects of reproduction in the queen and the tom are presented by a global author team Beginning with basic anatomy and normal reproduction this book reviews practical knowledge about feline pregnancy neonatal care breeding soundness exams and semen cryopreservation This book also provides the most current and comprehensive information about abnormal conditions affecting feline reproduction such as infertility spontaneous abortion and contraception Covering both pets and nondomestic species this feline reproduction book will prove to be essential for the general veterinary practitioner veterinary student animal scientist and experienced cat breeder

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