

Biology Of Reproduction Journal

Journal of Reproduction and Fertility **Journal of Reproduction and Fertility** *Reproduction Knobil and Neill's Physiology of Reproduction* **Acupuncture for IVF and Assisted Reproduction** **Journal of Reproduction and Fertility** **Mechanisms of Hormone Action** **Bovine Reproduction** **Knobil and Neill's Physiology of Reproduction** **Reproduction in Domestic Ruminants VII** **Mammalian Reproductive Biology** **Peer Review and Manuscript Management in Scientific Journals** **Human Reproductive Biology** **The Biology of Reproduction** **The Reproductive System at a Glance** **Reproduction in Cattle** **Feline Reproduction** *Encyclopedia of Reproduction* **Comparative Reproductive Biology** *Epigenetics and Reproductive Health* **Tropical Diseases Bulletin** **The Developmental Biology of Reproduction** **Queering Reproduction** **Reproductive Biology of Bats** **The Uterus** *Reproductive Biology and Medicine* **Assisted Reproductive Technology** *Immunological Aspects of Reproduction in Mammals* **Textbook of Reproductive Medicine** **Textbook of Assisted Reproduction** *The Politics of Reproduction* **Seizing the Means of Reproduction** **Human Reproduction** **Baby-Making** **Journal of Reproductive Immunology** *Essential Reproduction Disease Control Priorities, Third Edition (Volume 2)* **How We Do It** **Manual of Equine Reproduction - E-Book** *The New Eugenics*

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Bovine Reproduction Mar 26 2022 **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.

Reproduction in Cattle Jul 18 2021 **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 Cattle 3e** is essential reading for veterinary and agricultural students, as well as veterinarians and farmers involved in cattle reproduction.

Human Reproductive Biology Oct 21 2021 This acclaimed text has been fully revised and updated, now incorporating issues including aging of the reproductive system, and updates on the chapters on conception and Gamete Transport and Fertilization, and Pregnancy. **Human Reproductive Biology, Third Edition** emphasizes the biological and biomedical aspects of human reproduction, explains advances in reproductive science and discusses the choices and concerns of today. Generously illustrated in full color, the text provides current information about human reproductive anatomy and physiology. The ideal book for courses on human reproductive biology - includes chapter introductions, sidebars on related topics of interest, chapter summaries and suggestions for further reading. All material completely updated with the latest research results, methods, and topics now organized to facilitate logical presentation of topics New chapters on Reproductive Senescence, Conception: Gamete Transport, Fertilization, Pregnancy: Maternal Aspects and Pregnancy: Fetal Development Full color illustrations

Seizing the Means of Reproduction Mar 02 2020 In *Seizing the Means of Reproduction*, Michelle Murphy's initial focus on the alternative health practices developed by radical feminists in the United States during the 1970s and 1980s opens into a sophisticated analysis of the transnational entanglements of American empire, population control, neoliberalism, and late-twentieth-century feminisms. Murphy concentrates on the technoscientific means—the technologies, practices, protocols, and processes—developed by feminist health activists. She argues that by politicizing the technical details of reproductive health, alternative feminist practices aimed at empowering women were also integral to late-twentieth-century biopolitics. Murphy traces the transnational circulation of cheap, do-it-yourself health interventions, highlighting the uneasy links between economic logics, new forms of racialized governance, U.S. imperialism, family planning, and the rise of NGOs. In the twenty-first century, feminist health projects have followed complex and discomfiting itineraries. The practices and ideologies of alternative health projects have found their way into World Bank guidelines, state policies, and commodified research. While the particular moment of U.S. feminism in the shadow of Cold War and postcolonialism has passed, its dynamics continue to inform the ways that health is governed and politicized today.

Journal of Reproduction and Fertility Nov 02 2022

Reproductive Biology and Medicine Sep 07 2020

Journal of Reproduction and Fertility May 28 2022 Includes the Proceedings of the Society for the Study of Fertility.

Manual of Equine Reproduction - E-Book Jul 26 2019 Now in full color, **Manual of Equine Reproduction, 3rd Edition** provides a comprehensive look at the reproductive management of horses, including management of stallions, pregnant mares, and neonatal foals. Expert authors use a concise, practical approach in discussing improved therapies and treatments in equine breeding. You'll enhance your skills and knowledge with this book's detailed coverage of techniques used in reproductive examination, breeding procedures, pregnancy diagnosis, foaling, and reproductive tract surgery. A clinical emphasis includes a step-by-step format of possible scenarios from

conception to breeding management. Practical information includes topics such as breeding with transported cooled or frozen semen, and caring for the broodmare and newborn foal. The organization of material corresponds to the course of study in veterinary school, so you can find topics easily. Chapter objectives and study questions at the beginning of each chapter guide you through the material and provide clear learning goals. Evaluation of Breeding Records chapter covers the importance of breeding records, and how to use them to evaluate stallion performance and optimize fertility. References are listed at the end of each chapter for further research and study. Full-color photographs and illustrations clearly depict procedures, and all drawings have been redrawn and improved. NEW Assisted Reproductive Technology chapter goes beyond embryo transfer. Updated content includes the latest advances in therapies and treatments. New content is added to two chapters, Reproductive Physiology of the Nonpregnant Mare and Manipulation of Estrus in the Mare. Thorough coverage of every aspect of equine reproduction provides a strong foundation for success in veterinary practice, including a discussion of the use of GnRH-analog deslorelin (Ovuplant) to hasten ovulation; aseptic technique for endometrial biopsy; use of transabdominal ultrasonography, especially in early pregnancy; determination of fetal gender by transrectal ultrasonography; aspiration testicular biopsy using a spring-loaded biopsy instrument; and procedure for surgical embryo transfer.

Assisted Reproductive Technology Aug 07 2020 This text describes the rapid advances that have revolutionized reproductive medicine due to the result of converging and overlapping developments in reproductive biology, molecular biology and genetics.

***The New Eugenics* Jun 24 2019** A provocative examination of how unequal access to reproductive technology replays the sins of the eugenics movement. Eugenics, the effort to improve the human species by inhibiting reproduction of "inferior" genetic strains, ultimately came to be regarded as the great shame of the Progressive movement. Judith Daar, a prominent expert on the intersection of law and medicine, argues that current attitudes toward the potential users of modern assisted reproductive technologies threaten to replicate eugenics' same discriminatory practices. In this book, Daar asserts how barriers that block certain people's access to reproductive technologies are often founded on biases rooted in notions of class, race, and marital status. As a result, poor, minority, unmarried, disabled, and LGBT individuals are denied technologies available to well-off nonminority heterosexual applicants. An original argument on a highly emotional and important issue, this work offers a surprising departure from more familiar arguments on the issue as it warns physicians, government agencies, and the general public against repeating the mistakes of the past.

***Epigenetics and Reproductive Health* Mar 14 2021** Epigenetics and Reproductive Health, a new volume in the Translational Epigenetics series, provides a thorough overview and discussion of epigenetics in reproduction and implications for reproductive medicine. Twenty international researchers discuss epigenetic mechanisms operating during the formation of male and female gametes, fertilization and subsequent embryo and placental development, particularly in mammals and transgenerational epigenetic inheritance. This volume also addresses aberrant epigenetic changes influencing male and female infertility, pregnancy related disorders, and those potentially linked to therapeutic manipulations and assisted reproductive technologies. Emphasis is placed on identifying biomarkers for early detection of aberrant epigenetic mechanisms. Later chapters examine the possibility of correcting these epigenetic dysfunctions, as well as current challenges and next steps in research, enabling new translational discoveries and efforts towards developing therapeutics. Thoroughly examines the influence of aberrant epigenetics during gametogenesis and embryogenesis, affecting parents, gametes and embryos, offspring and future

generations Explores health outcomes for reproductive senescence, endocrine disruption, testicular cancer, prostate cancer, breast cancer, ovarian, cancer, endometrial cancer and cervical cancers Features chapter contributions from international researchers in the field
How We Do It Aug 26 2019 A primatologist explores the mystery of the origins of human reproduction, explaining that understanding the evolutionary past can provide insight into what worked, what didn't, and what it all means for the future of mankind.

Tropical Diseases Bulletin Feb 10 2021

Mechanisms of Hormone Action Apr 26 2022 Mechanisms of Hormone Action: A NATO Advanced Study Institute focuses on the action mechanisms of hormones, including regulation of proteins, hormone actions, and biosynthesis. The selection first offers information on hormone action at the cell membrane and a new approach to the structure of polypeptides and proteins in biological systems, such as the membranes of cells. Discussions focus on the cell membrane as a possible locus for the hormone receptor; gaps in understanding of the molecular organization of the cell membrane; and a possible model of hormone action at the membrane level. The text also ponders on insulin and regulation of protein biosynthesis, including insulin and protein biosynthesis, insulin and nucleic acid metabolism, and proposal as to the mode of action of insulin in stimulating protein synthesis. The publication elaborates on the action of a neurohypophysial hormone in an elasmobranch fish; the effect of ecdysone on gene activity patterns in giant chromosomes; and action of ecdysone on RNA and protein metabolism in the blowfly, *Calliphora erythrocephala*. Topics include nature of the enzyme induction, ecdysone and RNA metabolism, and nature of the epidermis nuclear RNA fractions isolated by the Georgiev method. The selection is a valuable reference for readers interested in the mechanisms of hormone action.

Mammalian Reproductive Biology Dec 23 2021 A unique interdisciplinary overview of the way mammals reproduce, this volume synthesizes research done by laboratory physiologists, behaviorists, population ecologists, and animal breeders. F. H. Bronson has drawn together the disparate literature in these areas to provide students and researchers with a comprehensive and biologically integrated approach to the study of mammalian reproduction. Each chapter presents a wealth of issues and questions, summarizing the current consensus on interpretations as well as viable alternatives under debate. The book is principally concerned with how environmental factors regulate reproduction. Bronson proposes that a mammal's reproductive performance routinely reflects simultaneous regulation by several environmental factors that interact in fascinatingly complex ways. Environment is defined broadly, and the chapters give equal weight to ecological and physiological factors when considering how variables such as food availability, ambient temperature, photoperiod, and social cues interact to regulate a mammal's reproduction. Particular attention is given to seasonal breeding, and a taxonomically arranged chapter underscores the importance of comparative and evolutionary biology to an understanding of mammalian reproduction. *Mammalian Reproductive Biology* is a powerful argument for the value and importance of interdisciplinary approaches to research. Its almost 1,500 references constitute the most comprehensive bibliography to date on this topic. Bronson also gives detailed consideration to promising areas for future research. Well organized, carefully planned, and clearly written, this book will become standard reading for scientists concerned with any aspect of mammalian biology.

Acupuncture for IVF and Assisted Reproduction Jun 28 2022 The management of infertility using acupuncture is an expanding area of practice and one which is frequently rewarding for TCM acupuncture practitioners. Acupuncture for IVF and Assisted Reproduction has been specially prepared to meet the growing demand for information in this area and draws upon 20 years

combined experience of the authors together with the latest evidence from both orthodox medicine and TCM. Richly illustrated and clearly written throughout, the book takes the reader through the anatomy and physiology of reproductive medicine (from both an orthodox and TCM perspective) and explains the underlying basis of orthodox medical fertility tests and investigations. The volume then explores the pathology and aetiology of TCM syndromes and shows how common fertility-related conditions, such as endometriosis and male factor infertility, affect Assisted Reproductive Technology (ART) success rates. It explains in great detail how to take a reproductive medical history and successfully diagnose TCM syndromes. Acupuncture for IVF and Assisted Reproduction also provides guidelines on how to regulate the menstrual cycle in preparation for IVF treatment and shows how lifestyle can affect fertility and ART success rates. Placing a strong emphasis on the practical aspects of patient care, Acupuncture for IVF and Assisted Reproduction contains an abundance of case history templates, algorithmic acupuncture treatment pathways and patient fact sheets and will be ideal for all acupuncture practitioners working in this field. "A must have for the bookshelf of any acupuncturist who is ever called upon to treat fertility issues - if you have room for one book this surely must be it." Reviewed by The Acupuncture Fertility Centre March 2015 "Practitioners of all levels of experience and TCM students should find it compelling reading and an invaluable companion to their learning." Reviewed by Stephen Clarke, Journal of the Australian Traditional Medicine Society May 2015 "This book is extremely well re-searched and referenced." Reviewed by Danny Maxwell on behalf of Journal of Chinese Medicine, February 2015 Simplifies complex information into easily accessible and understandable material Explains reproductive anatomy and physiology from the perspectives of both orthodox medicine and TCM Explains the underlying basis of orthodox medical fertility tests and investigations Explores the pathology and aetiology of TCM syndromes Provides detailed information on how to take a fertility medical history and how to diagnose TCM syndromes Presents the evidence for the influence of various lifestyle factors on fertility and ART success rates Provides guidelines on how to regulate the menstrual cycle in preparation for IVF treatment Explains how common fertility-related conditions such as endometriosis, Polycystic Ovary Syndrome, thyroid disease, and male factor infertility affect ART success rates Explains how to adapt acupuncture treatment to different ART protocols Provides case history templates, algorithmic acupuncture treatment pathways and patient fact sheets Explains how to manage patients with complex medical histories Looks at Repeated Implantation Failure, reproductive immunology dysfunction, and recurrent miscarriages Explains how to support patients if their IVF is unsuccessful and how to treat patients during early pregnancy Examines ethical considerations relevant to fertility acupuncture practice

Peer Review and Manuscript Management in Scientific Journals Nov 21 2021 This comprehensive yet concise book provides a thorough and complete guide to every aspect of managing the peer review process for scientific journals. Until now, little information has been readily available on how this important facet of the journal publishing process should be conducted properly. Peer Review and Manuscript Management in Scientific Journals fills this gap and provides clear guidance on all aspects of peer review, from manuscript submission to final decision. Peer Review and Manuscript Management in Scientific Journals is an essential reference for science journal editors, editorial office staff and publishers. It is an invaluable handbook for the set-up of new Editorial Offices, as well as a useful reference for well-established journals which may need guidance on a particular situation, or may want to review their current practices. Although intended primarily for journals in science, much of its content will be relevant to other scholarly areas. ?This wonderful work by Dr. Hames can be used as a textbook in courses for both

experienced and novice editors, and I trust that it is what Dr. Hames intended when she prepared this beautiful book. Every scientific editor should read it.? *Journal of Educational Evaluation for Health Professionals*, 2008 This book is co-published with the Association of Learned and Professional Society Publishers (ALPSP) (www.alpsp.org) ALPSP members are entitled to a 30% discount on this book.

The Politics of Reproduction Apr 02 2020 Many British politicians, planters, and doctors attempted to exploit the fertility of Afro-Caribbean women's bodies in order to ensure the economic success of the British Empire during the age of abolition. Abolitionist reformers hoped that a homegrown labor force would end the need for the Atlantic slave trade. By establishing the ubiquity of visions of fertility and subsequent economic growth during this time, *The Politics of Reproduction* sheds fresh light on the oft-debated question of whether abolitionism was understood by contemporaries as economically beneficial to the plantation colonies. At the same time, Katherine Paugh makes novel assertions about the importance of Britain's Caribbean colonies in the emergence of population as a political problem. The need to manipulate the labor market on Caribbean plantations led to the creation of new governmental strategies for managing sex and childbearing, such as centralized nurseries, discouragement of extended breastfeeding, and financial incentives for childbearing, that have become commonplace in our modern world. While assessing the politics of reproduction in the British Empire and its Caribbean colonies in relationship to major political events such as the Haitian Revolution, the study also focuses in on the island of Barbados. The remarkable story of an enslaved midwife and her family illustrates how plantation management policies designed to promote fertility affected Afro-Caribbean women during the late eighteenth and early nineteenth centuries. *The Politics of Reproduction* draws on a wide variety of sources, including debates in the British Parliament and the Barbados House of Assembly, the records of Barbadian plantations, tracts about plantation management published by doctors and plantation owners, and missionary records related to the island of Barbados.

Journal of Reproduction and Fertility Oct 01 2022

Knobil and Neill's Physiology of Reproduction Jul 30 2022 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* Bibliographies of chapters are extensive and cover all the relevant literature

Textbook of Assisted Reproduction May 04 2020 Groundbreaking, comprehensive, and developed by a panel of leading international experts in the field, *Textbook of Assisted Reproduction* provides a multidisciplinary overview of the diagnosis and management of infertility, which affects 15% of all couples around the world. The book aims to cover all aspects of assisted reproduction. Particular attention is given to topics such as the assessment of infertile couples; assisted reproductive techniques (ARTs) including ovulation induction, intra uterine insemination (IUI), in vitro fertilization (IVF) and intracytoplasmic sperm injection (clinical and laboratory aspects); reproductive genetics; and obstetric and perinatal outcomes.

Baby-Making Dec 31 2019 In the developing world, the choices available to couples for fertility

treatments in the 21st century are wider than ever before. This is a time when most types of infertility can be treated by modern 'test-tube' methods, yet reproduction itself has become inextricably bound with social and political trends - declining birth rates, delayed first pregnancy, childbirth beyond the age of 40, the state funding of infertility treatment - fertility treatment is a hot topic, high on the agenda of politicians in their efforts to reverse declining national fertility rates. The range of new technologies is expansive, from embryo selection by genetic analysis to egg donation in the over-forties and cryopreservation. Today, the 'assistance' of conception with treatments such as IVF reflects a life-choice whose context is immediately social, cultural, personal, and political. Arguing that these new technologies allow the 'design' of babies in a way which is far beyond the spontaneity of nature, Bart Fauser and Paul Devroey describe the new treatments, consider what they can do, and look at how far they have come in shaping our everyday lives. Considering the wider implications of fertility treatment, they also look at the issues it raises, and evaluate how far treatments can, and should, go.

Journal of Reproductive Immunology Nov 29 2019

Essential Reproduction Oct 28 2019 Providing essential reading for medical, veterinary and biological science students, and students of physiology and trainees in obstetrics and gynaecology, the seventh edition of *Essential Reproduction* offers an up-to-date account of the fundamentals of reproduction within the context of cutting-edge knowledge and examples of its application. It provides a multidisciplinary approach integrating physiology, genetics, behaviour, anatomy and clinical science, to give thorough coverage of the study of mammalian reproduction. *Essential Reproduction* is now accompanied by the Wiley E-Text: Powered by VitalSource, and includes: The latest on conceptual, informational and applied aspects of reproduction A new structure offering a more logical approach to study and revision Expanded further reading suggestions to support research A companion website at www.essentialreproduction.com features all of the images from the book to download – perfect for instructor and student support. This title is also available as a mobile App from MedHand Mobile Libraries. Buy it now from Google Play or the MedHand Store.

Encyclopedia of Reproduction May 16 2021 *Encyclopedia of Reproduction, Second Edition* 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

Textbook of Reproductive Medicine Jun 04 2020 42 Authors cover all of the reproductive endocrine problems commonly encountered in the practice of obstetrics and gynecology. A question and answer study guide is also available.

Immunological Aspects of Reproduction in Mammals Jul 06 2020 *Immunological Aspects of Reproduction in Mammals* contains papers presented during a symposium at the University of

Nottingham Easter School. The scholarly presentations provide a wealth of information on the field of reproductive immunology and indicate just how complex this field is and how many questions still remain to be answered. The book begins with reviews of the current status of the complexities and uncertainties of the cellular basis of the immune response and the structure and function of antibodies. This is followed by separate chapters on the assessment and interpretation of the phenomena surrounding autoimmune and isoimmune reactions to spermatozoa; advances in defining the distribution and degree of exposure of major histocompatibility antigens; the reproductive immunology of the mouse, horse, and sheep; and fetal and neonatal immunity. Subsequent chapters present studies of immunization of several species with either the hypothalamic hormone LH-RH, pituitary gonadotrophins, or ovarian steroids; and studies directed towards efforts to enhance animal production by either active or passive immunization of female farm animals against steroid hormones. This book will be a valuable reference text for those already involved in the field and a stimulus for others to enter this complex and fascinating area of research.

The Uterus Oct 09 2020 This important new volume in the series Cambridge Reviews in Human Reproduction provides a wide-ranging and authoritative account of the uterus and its physiological role in fertility, normal pregnancy and delivery.

Reproduction Aug 31 2022 From contraception to cloning and pregnancy to populations, reproduction presents urgent challenges today. This field-defining history synthesizes a vast amount of scholarship to take the long view. Spanning from antiquity to the present day, the book focuses on the Mediterranean, western Europe, North America and their empires. It combines history of science, technology and medicine with social, cultural and demographic accounts. Ranging from the most intimate experiences to planetary policy, it tells new stories and revises received ideas. An international team of scholars asks how modern 'reproduction' - an abstract process of perpetuating living organisms - replaced the old 'generation' - the active making of humans and beasts, plants and even minerals. Striking illustrations invite readers to explore artefacts, from an ancient Egyptian fertility figurine to the announcement of the first test-tube baby. Authoritative and accessible, *Reproduction* offers students and non-specialists an essential starting point and sets fresh agendas for research.

Human Reproduction Jan 30 2020 In vitro fertilization (IVF) and other assisted reproductive technologies (ART) have become a significant part of human reproduction, with already one in 50 children worldwide being born through ART and the demand steadily increasing. To accommodate the various kinds of infertility problems, new methods have been developed to increase IVF and ART success rates and it has also become possible to treat sperm, eggs, and embryos in culture to improve reproductive success, to increase the health state of an embryo, and to prevent disease in the developing child. *Human Reproduction: Updates and New Horizons* focuses on recent developments and new approaches to study egg and sperm cells and embryo development, as well as addressing the increasing demand for IVF and ART to overcome infertility problems of various kinds that are encountered by an increasing number of couples worldwide. The book includes 10 chapters written by experts in their specific fields to provide information on sperm selection techniques and their relevance to ART; In vitro maturation of human oocytes: current practices and future promises; Molecular biology of endometriosis; Novel immunological aspects for the treatment of age-induced ovarian and testicular infertility, other functional diseases, and early and advanced cancer immunotherapy; Mitochondrial manipulation for infertility treatment and disease prevention; Novel imaging techniques to assess gametes and preimplantation embryos; Clinical application of methods to select in vitro fertilized embryos;

New horizons/developments in time-lapse morphokinetic analysis of mammalian embryos; The non-human primate model for early human development; Cytoskeletal functions, defects, and dysfunctions affecting human fertilization and embryo development. This book will appeal to a large interdisciplinary audience, including researchers from both the basic science and medical communities. It will be a valuable reference for IVF clinicians, patients and prospective patients who are considering ART procedures, embryologists, cell biologists and students in the field of reproduction.

Comparative Reproductive Biology Apr 14 2021 When considering the physiological systems of the body, the degree of species variation within the reproductive system compared to other systems is remarkable. Furthermore, it is essential that researchers, educators, and students alike remain aware of the fundamental comparative differences in the reproductive biology of domestic species. Written by renowned scientists in their respective fields, *Comparative Reproductive Biology* is a comprehensive reference on the reproductive systems of domestic species. The book offers both broad and specific knowledge in areas that have advanced the field in recent years, including advances in cell and molecular biology applied to reproduction, transgenic animal production, gender selection, artificial insemination, embryo transfer, cryobiology, animal cloning and many others. This seminal text includes topics in animal reproduction that are usually only found as part of other books in animal science such as anatomy, histology, physiology, radiology, ultrasonography, and others. Comprehensive reference of the reproductive systems of domestic species Written by a team of top researchers Richly illustrated throughout, including 12 pages of color images

***Disease Control Priorities, Third Edition (Volume 2)* Sep 27 2019** The evaluation of reproductive, maternal, newborn, and child health (RMNCH) by the Disease Control Priorities, Third Edition (DCP3) focuses on maternal conditions, childhood illness, and malnutrition. Specifically, the chapters address acute illness and undernutrition in children, principally under age 5. It also covers maternal mortality, morbidity, stillbirth, and influences to pregnancy and pre-pregnancy. Volume 3 focuses on developments since the publication of DCP2 and will also include the transition to older childhood, in particular, the overlap and commonality with the child development volume. The DCP3 evaluation of these conditions produced three key findings: 1. There is significant difficulty in measuring the burden of key conditions such as unintended pregnancy, unsafe abortion, nonsexually transmitted infections, infertility, and violence against women. 2. Investments in the continuum of care can have significant returns for improved and equitable access, health, poverty, and health systems. 3. There is a large difference in how RMNCH conditions affect different income groups; investments in RMNCH can lessen the disparity in terms of both health and financial risk.

The Reproductive System at a Glance Aug 19 2021 *The Reproductive System at a Glance* is a comprehensive guide to normal reproductive biology and associated pathophysiology in both sexes. Concise, easy to read, and clearly structured, the double-page spreads progress from basic science to clinical abnormalities, and covers endocrine production and action, within one short volume. Chapters on disorders summarise epidemiology, pathophysiology, diagnosis and treatment. This new edition of *The Reproductive System at a Glance*:
• Is fully revised and updated throughout to reflect recent developments in practice
• Now features histological and pathological slides to complement the “at a glance” style explanatory illustrations
• Now features radiologic studies to supplement the text in selected chapters
• Contains more detailed coverage of maternal adaptations to pregnancy
• Includes a companion website at www.ataglanceseries.com/reproduction featuring self-assessment multiple choice questions, bonus

single answer questions and flashcards **The Reproductive System at a Glance** is an ideal guide for students studying both endocrine and reproductive subjects, and teaches the foundation concepts for the obstetrics and gynaecology rotation, helping health professionals and students achieve a broad and practical understanding of the topic.

Knobil and Neill's Physiology of Reproduction Feb 22 2022 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 accessing the very latest details on reproductive physiology, as opposed to searching through thousands of journal articles.

Reproductive Biology of Bats Nov 09 2020 The **Reproductive Biology of Bats** presents the first comprehensive, in-depth review of the current knowledge and supporting literature concerning the behavior, anatomy, physiology and reproductive strategies of bats. These mammals, which occur world-wide and comprise a vast assemblage of species, have evolved unique and successful reproductive strategies through varied anatomical and physiological specialization. These are accompanied by individual and/or group behavioral interactions, usually in response to environmental mechanisms essential to their reproductive success. Is the first book devoted to the reproductive biology of bats Contains in-depth reviews of the literature concerned with bat reproduction Contributors are widely recognized specialists Provides a powerful database for future research

Reproduction in Domestic Ruminants VII Jan 24 2022 The combined work of eminent scientists in the field, this compilation contains the latest information on ruminant nutrition from the eighth annual International Ruminant Reproduction Symposium. With discussions on how to improve reproduction by applying nutrition and physiology, this collection spotlights the recent advances regarding the ruminant genome and includes chapters about specific animals, including the dairy buffalo, camel, and reindeer.

Feline Reproduction Jun 16 2021 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.

Queering Reproduction Dec 11 2020 DIVExamines the medical, social, and legal dimensions of the use of assisted reproductive technologies by lesbian women./div

The Developmental Biology of Reproduction Jan 12 2021 The Developmental Biology of Reproduction documents the proceedings of the 33rd symposium of the Society for Developmental Biology. Reproductive Biology was selected as the main theme of the symposium. The symposium aimed to draw center attention on basic aspects of reproduction in both plants and animals in the hope of stimulating research that might provide the necessary foundation for effective, practical control of human reproduction. Five areas were selected for emphasis: the formation of eggs and sperm; the activation of the egg to develop into an embryo; the genetic and biochemical events underlying the early development of the embryo; the hormonal controls operating in the reproductive process; and the general control of implantation and growth of the mammalian embryo in the uterus. Thirteen reports were given by distinguished researchers in each of these areas. All biologists interested in a broad understanding of problems of reproduction will find this symposium interesting and important for their own work.

The Biology of Reproduction Sep 19 2021 A look into the phenomena of sex and reproduction in all organisms, taking an innovative, unified and comprehensive approach.