

Male And Female Reproductive

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[Toxicology Of The Male And Female Reproductive System](#) - P R Working 1989-07-27

This reference work focuses on the practice of reproductive toxicology, providing a foundation in basic male and female reproductive physiology for the application and improvement of existing model systems.

Male and Female Infertility - Björn Glantz 2010

Infertility is a major increasing concern. As the male factor contributes to about half of the infertility cases, sperm analysis is extremely important for diagnosis and investigation of infertility. In this book, the cytometric techniques used to evaluate sperm DNA/chromatin integrity together with some other functional properties of the male gamete are described and advantages and limitations are discussed. In addition, the authors provide an overview of how antioxidative and redox systems participate in spermatogenesis and in pathological conditions, such as heat stress, in the testes. Oxidative stress-induced damage to both oocytes in vivo and embryos in culture are also examined, as well as the role of ROS signalling in embryo development. Furthermore, endometriosis is an oestrogen-dependent disease which affects 6% to 30% of women in reproductive age and is associated with infertility in approximately 60% of cases. In this book, classic and recently proposed etiopathogenic mechanisms or endometriosis-related infertility are discussed, as well as some aspects of its clinical investigation and medical treatment. Other chapters in this book assess the capability of combining of Anti-Mullerian hormone (AMH) and embryo quality as predictors of pregnancy outcome and an examination of how the use of animal models can help us to understand the female reproductive system and the aetiology of some female infertile disorders.

Exploring the Biological Contributions to Human Health - Institute of Medicine 2001-07-02

It's obvious why only men develop prostate cancer and why only women get ovarian cancer. But it is not obvious why women are more likely to recover language ability after a stroke than men or why women are more apt to develop autoimmune diseases such as lupus. Sex differences in health throughout the lifespan have been documented. Exploring the Biological Contributions to Human Health begins to snap the pieces of the puzzle into place so that this knowledge can be used to improve health for both sexes. From behavior and cognition to metabolism and response to chemicals and infectious organisms, this book explores the health impact of sex (being male or female, according to reproductive organs and chromosomes) and gender (one's sense of self as male or female in society). Exploring the Biological Contributions to Human Health discusses basic biochemical differences in the cells of males and females and health variability between the sexes from conception throughout life. The book identifies key research needs and opportunities and addresses barriers to research. Exploring the Biological Contributions to Human Health will be important to health policy makers, basic, applied, and clinical researchers, educators, providers, and journalists-while being very accessible to interested lay readers.

Mapping Cells Expressing Estrogen Receptors - Chishimba Mowa 2012

"Estrogen regulates diverse physiological processes by acting through receptors, two major forms of which have been identified: estrogen receptors alpha (ERa) and beta (ERb). The existence of two subtypes may partly explain the selective actions of estrogen in different target tissues and in the same tissue during different physiological states. Although the cellular distribution of ERa and ERb had been demonstrated before in the reproductive organs there was a lack of a comprehensive map of ER in the reproductive organs from development through adulthood, and in some cases, there was complete lack of information on some parts of the organs, notably the penis. This study provides a comprehensive cellular

distribution map of the two ER subtypes, ERa and ERb mRNAs, for the entire reproductive organs of the male and female rat from development through adulthood using various techniques, notably in situ hybridization, and in some cases PCR (semi-quantitative PCR and qPCR), Western Blot analysis and confocal immunofluorescence. This was the first study to demonstrate the presence of ER in the penis."--Back cover.

Count Down - Shanna H. Swan 2022-02-08

An award-winning scientist, in this urgent, thought-provoking and meticulously researched book, shows how chemicals in the modern environment are changing--and endangering--human sexuality and fertility on the grandest scale.

[Anatomy & Physiology](#) - 2016

Female Reproductive System Chart - Anatomical Chart Company Staff 2003-01-01

A popular and useful chart showing the anatomy and structures of The Female Reproductive System. Clear concise illustrations show the following: ovary, fallopian tube, uterus and vagina detail of an ovum the female pelvic organs (sagittal section) the female perineum detailed view of ovary and uterus during the menstrual cycle defines the menstrual cycle and menopause Made in the USA. Available in the following versions : 20" x 26" heavy paper laminated with grommets at top corners ISBN 9781587790201 20" x 26" heavy paper ISBN 9781587790218

Human Reproductive Biology - Richard E. Jones 2006-05-15

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 competely 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

The Reproductive System at a Glance - Linda J. Heffner 2014-02-12

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.

Illustrated Anatomy of the Bovine Male and Female Reproductive Tracts -

Kathleen June Mullins 2003-01-01

Anatomy monograph

Human Reproductive Biology - Richard Evan Jones 1991

Human Reproductive Biology focuses on the processes, concerns, and trends in human reproduction. Divided into four parts with 19 chapters, the book starts by tracing the history of human reproduction biology and the questions and choices involved. The first part focuses on the male and female reproductive systems. The text notes the different organs involved in reproduction, including the penis, scrotum, vagina, oviducts, and mammary glands. The book discusses sexual development and differentiation, particularly noting the variance of sex ducts and glands, external genitalia, and disorders of ...

Male and Female Reproductive Tactics in Mallards (Anas Platyrhynchos L.) - Angelika G. Denk 2005

Management of Sexual Dysfunction in Men and Women - Larry I. Lipshultz 2016-07-05

This book provides a comprehensive, state-of-the-art review of the intersection of male and female reproductive and sexual health. The text comprehensively discusses the evaluation and management of physical, genetic, and psychological causes of male and female sexual dysfunction. Discussion of treatment focuses on current medical and surgical psychosexual therapies in both the male and female. The book highlights erectile, ejaculatory, and orgasmic disorders in the male; desire, arousal and orgasmic disorders in the female; and an integrated approach to the couple. Lifestyle modifications through diet and exercise and optimization of anthropomorphic characteristics are also discussed, including a holistic approach to these disorders that goes beyond a focus on the genital system alone. *Sexual Dysfunction in Men and Women: An Interdisciplinary Approach* serves as a resource for physicians and researchers interested in sexual medicine seeking a comprehensive overview of the practice and novel research in the field.

The Validity of Male Sex-attractant Trap Captures for Estimating Female Reproductive Activity of the Codling Moth, *Laspeyresia pomonella* (L.) in Pear Orchards - James Edward DeTar 1976

Environment and Female Reproductive Health - Huidong Zhang 2021-02-02

This book will focus on the harmful effect of environmental toxins on female reproductive health. Reproduction is the basis of the continuation of human beings, and environment is the basis of human survival. However, environmental pollution has become a potential risk factor for human reproductive health, which not only leads to many chronic diseases, but also causes certain harm to reproductive health. Compared to male reproduction, female reproductive process is more complex, the reproductive system is more fragile, and is more vulnerable to be damaged. The aim of this book is to review the research progress, to address the challenges, and to stimulate the development in the direction of environment and female reproductive health.

The Reproductive System - Randolph W. Krohmer 2004

Examines the workings of the male and female reproductive systems and the complex process of human reproduction.

Male Reproductive System - 1975

Endocrine Disruptors - Rajesh K. Naz 2004-11-29

There is great concern regarding the reproductive and health hazards of endocrine disruptors. Research indicates that men are experiencing declining fertility and an increased incidence of prostate cancer, while women are dealing with increased infertility, early menopause, and breast cancer. As new research reveals the previously unknown risks of these endocrine disruptors, it is imperative to update our knowledge of these controversial chemicals. *Endocrine Disruptors: Effects on Male and Female Reproductive Systems, Second Edition* examines the reproductive and health hazards of endocrine-disrupting environmental chemicals from epidemiology to etiology, concluding with future directions. Divided into two sections, the first part of the book describes the effects of environmental toxicants on the female reproductive system, with an emphasis on the effects and mechanisms of their action on sex differentiation during development, fertility, and breast cancer. The second part addresses the effects of endocrine disruption on the male reproductive system, focusing on male fertility and the development of benign prostate hyperplasia (BPH) and prostate cancer. Leading authorities contribute expert analyses and up-to-date information on a

topic that has become a major concern among the scientific community and the general public. This second edition supplies the most current, critical knowledge on the real risks that endocrine disruptors pose to the population.

Male and Female Reproductive Health Hazards in the Workplace - Ellen Roskam 1996

Before You Were a Baby - Paul Showers 1968-01

Describes briefly the male and female reproductive system, the union of the sperm and ovum, and the stages in the development of the baby in the womb.

Pathology: The Big Picture - William Kemp 2007-08-22

Get the BIG PICTURE of Pathology - and focus on what you really need to know to score high on the course and board exam If you want a streamlined and definitive look at Pathology - one with just the right balance of information to give you the edge at exam time - turn to Pathology: The Big Picture. You'll find a succinct, user-friendly presentation especially designed to make even the most complex concept understandable in the shortest amount of study time possible. This perfect pictorial and textual overview of Pathology delivers: A "Big Picture" emphasis on what you must know verses "what's nice to know" Expert authorship by award-winning, active instructors Coverage of the full range of pathology topics - everything from cellular adaptations and injury to genetic disorders to inflammation to diseases of immunity Magnificent 4-color illustrations Numerous summary tables and figures for quick reference and rapid retention of even the most difficult topic Highlighted key concepts that underscore integral aspects of histology (key concepts are also listed in a table at the end of each chapter) USMLE-type questions, answers, and explanations to help you anticipate what you'll encounter on the exams And much more!

Environmental Impacts on Reproductive Health and Fertility - Tracey J. Woodruff 2010-01-28

Many reproductive and developmental health problems are caused by exposure to chemicals that are widely dispersed in our environment. These problems include infertility, miscarriage, poor pregnancy outcomes, abnormal fetal development, early puberty, endometriosis, and diseases and cancers of reproductive organs. The compelling nature of the collective science has resulted in recognition of a new field of environmental reproductive health. Focusing on exposures to environmental contaminants, particularly during critical periods in development and their potential effects on all aspects of future reproductive life-course, this book provides the first comprehensive source of information bringing together the arguments that are spread out among various scientific disciplines in environmental health, clinical and public health fields. It provides a review of the science in key areas of the relationship between environmental contaminants and reproductive health outcomes, and recommendations on efforts toward prevention in clinical care and public policy.

"Fearfully and Wonderfully Made" Psalm 139:14 - Lori Stubbs RN, BSN 2009-08-27

Fearfully and Wonderfully Made is an easy-to-read Christian health guide for preteens and their parents that: Teaches how unique and special every child is in the eyes of God because He fearfully and wonderfully made each of them. Teaches the important aspects of good personal hygiene, nutrition, exercise, and proper rest. Provides grooming tips for boys and girls. Teaches about the often-confusing changes of puberty that occur both in boys and girls. Provides medically accurate anatomical illustrations of the male and female reproductive systems, with easy to understand explanations of how they each function. Teaches some of the warning signs of when boys and girls should see a health care provider. Gives an explanation of sex and emphasizes the importance of abstinence until marriage. Teaches about sexual dangers in order to protect our children. Provides answers to questions commonly asked by preteens. Asks the question, Do You Have Eternal Life? Book Reviews "Fearfully and Wonderfully Made" is a well written sensational report and is an exceptional teaching tool for parents and preteen health educators. If it is read with an open heart and mind, this book can be a great advantage to preteen Christian educators in churches and the faith community as a unit. Rev. Mary Hardy- Hancock, MTh. Senior Pastor, New Vision Baptist Church of the Living God Kansas City, Missouri "Fearfully and Wonderfully Made" Psalm 139:14 A Christian Health and Puberty Guide for Preteen Boys and Girls - I highly recommend this book to families. Especially those families wondering how to initiate puberty related topics with their preteen child. Stubbs writes using teen friendly language. Her "tell it like it is" language provides her credibility with teens. Stubbs

skillfully answers the questions that every teen is asking with her no nonsense style. This book will be the cornerstone leading conversations with my own grandchildren as they develop into young men and women. Cindy Cop, Principal, T.A. Edison Elementary School Kansas City, Kansas *The Significance of Male and Female Reproductive Strategies for Male Reproductive Success in Wild Longtailed Macaques (Macaca Fascicularis)* - Antje Engelhardt 2004

Netter Collection of Medical Illustrations: Reproductive System E-Book - Roger P. Smith 2011-02-04

Reproductive System, 2nd Edition provides a concise and highly visual approach to the basic sciences and clinical pathology of this body system. This volume in The Netter Collection of Medical Illustrations (the CIBA "Green Books") has been expanded and revised by Drs. Roger P. Smith and Paul J. Turek to cover novel and important topics like sex determination, fertility medicine, genetics, contraception, sexual dysfunction, and more. Classic Netter art, updated and new illustrations, and modern imaging make this timeless work essential to your library. Master knowledge of the development, function, and pathology of the male and female reproductive tracts through elegant and informed side-by-side discussions of these systems. View the artistic mastery and beauty of Netter's finest images, presented in one of the most complete and best organized series of illustrations of reproductive system in health and disease. Be inspired by the wondrously complex and highly-evolved human reproductive tract through integrated discussions of primary and subspecialty concepts in clinical care. Get a deep understanding of complex topics in reproductive medicine through the brilliant text-atlas format that Netter has brought to new and richly artistic heights. Access today's clinical knowledge on all aspects of the reproductive system—including sexual development and dysfunction, genetics, fertility medicine, prostate health, contraception, and treatable problems in pregnancy—conveyed through beautiful illustrations and vivid radiologic images. Benefit from the expertise of two world-class editors, Roger Smith, MD—a gynecologist—and Paul Turek, MD—a urologist and microsurgeon—both talented minds and clear thinkers in the field of reproductive biology and medicine. Connect the connection between basic and clinical sciences as only Netter can help you do through the visual integration of normal and pathologic structure and function in the reproductive tract. Learn and review the fundamental of reproductive medicine—with the classic Netter art, beautiful new and updated illustrations, and modern imaging. Apply the perspective of an experienced, international advisory board to many controversies and timely topics in clinical medicine.

Oxidative Stress and Toxicity in Reproductive Biology and Medicine - Shubhadeep Roychoudhury 2022-12-07

Volume Two advances the exploration of the fundamental principles of oxidative stress and toxicity on male (and female) reproduction. It includes the advances in research on male reproductive health, the impact of environmental factors, the protective measures using bioactive compounds and traditional medicines, and how to limit toxic exposure. It includes coverage of: Oxidative stress and male infertility Environmental stressors and sexual health Heavy metals, pesticides, fine particle toxicity and male reproduction Protective measures against oxidative stress in gametes/embryos by using bioactive compounds/phytomedicines in Assisted Reproductive Technology (ART) Role of reactive oxygen species on female reproduction Radiation and mutagenic factors affecting the male reproductive system Both volumes provide a comprehensive look at the most basic concepts and advanced research being conducted by world famous scientists and researchers in male infertility and reproduction.

The Female Reproductive System - Sophie Waters 2007-07-15

Discusses the female reproductive system, pregnancy, and birth control.

The Sertoli Cell - Lonnie Dee Russell 1993

Female Control - William Eberhard 2019-12-31

A growing body of evidence has begun to reveal flaws in the traditional assumption of female passivity and lack of discrimination after copulation has begun. William Eberhard has compiled an impressive array of research on the ability of females to shape the outcome of mating. He describes studies of many different cryptic mechanisms by which a female can accept a male for copulation but nevertheless reject him as a father. Evidence from various fields indicates that such selectivity by females may be the norm rather than the exception. Because most post-copulatory competition between males for paternity is played out within the bodies of females, female behavior, morphology, and physiology

probably often influence male success in these contests. Eberhard draws examples from a diversity of organisms, ranging from ctenophores to scorpions, nematodes to frogs, and crickets to humans. Cryptic female choice establishes a new bridge between sexual selection theory and reproductive physiology, in particular the physiological effects of male seminal products on female reproductive processes, such as sperm transport, oviposition, and remating. Eberhard interweaves his review of previous studies with speculation on the consequences of this theoretical development, and indicates promising new directions for future research. *Male and Female Reproductive Strategies in Relation to Paternity Outcome in Barbary Macaques (Macaca Sylvanus)* - Katrin Brauch 2007

Endocrine Disruptors - Rajesh K. Naz 1999-01-21

Endocrine Disruptors: Effects on Male and Female Reproductive Systems examines the epidemiology and etiology of environmental toxicants/hormone imposters, many of which act as reproductive toxicants that cause fertility problems and carcinogenic hazards. Thus far, over fifty such hormone imposters/persistent organic pollutants have been identified, the most common of which are organochlorines and dioxins. This book discusses the hazardous effects of endocrine disruptors on gonads, fertility, and sexual and reproductive function, and health hazards leading to the alarming decline in global fertility and rising incidences of breast and prostate cancer.

Human Reproductive Biology - Francisco Armstrong 2019-06-27

The branch of biology which includes the study of reproduction, reproductive systems, sexual development, sexual maturity, endocrinology and fertility is known as reproductive biology. Human reproductive biology is mainly controlled through the hormones. They are responsible for the growth and maturation of the human reproductive structures as they send signals to the body. The female reproductive system and the male reproductive system are the two main components of human reproductive biology. The female reproductive system consists of the ovaries, oviducts, vagina, uterus and mammary glands, whereas, the male reproductive system consists of the sex accessory glands, testes, sex accessory ducts and external genitalia. The topics included in this book on human reproductive biology are of utmost significance and bound to provide incredible insights to readers. It studies, analyzes and upholds the pillars of human reproductive biology and its utmost significance in modern times. Students, researchers, experts and all associated with human reproductive biology will benefit alike from this book.

Hormonal Control of Reproduction - Colin Russell Austin 1984

In this, our Second Edition of *Reproduction in Mammals*, we are responding to numerous requests for a more up-to-date and rather more detailed treatment of the subject. The First Edition was accorded an excellent reception, but the first five books were written ten years ago and inevitably there have been advances on many fronts since then. As before, the manner of presentation is intended to make the subject matter interesting to read and readily comprehensible to undergraduates in the biological sciences, and yet with sufficient depth to provide a valued source of information to graduates engaged in both teaching and research. Our authors have been selected from among the best known in their respective fields. This volume discusses the manifold ways in which hormones control the reproductive processes in male and female mammals. The hypothalamus regulates both the anterior and posterior pituitary glands, whilst the pineal can exert a modulating influence on the hypothalamus. The pituitary gonadotrophins regulate the endocrine and gametogenic activities of the gonads, and there are important local feedback effects of hormones within the gonads themselves. Non-pregnant females display many different types of oestrous or menstrual cycles, and there are likewise great species differences in the endocrinology of pregnancy. But the hallmark of mammals is lactation, and this also exerts a major control on subsequent reproductive activity.

Fertility Rules - Leslie Schrock 2023-06-06

The ultimate science-backed approach to understanding fertility. Leslie Schrock is back after the breakout success of *Bumpin'* with the first preconception guide for both male and female fertility. Based on cutting-edge science, *Fertility Rules* offers a holistic plan for every age and stage of the process, whether you're planning to conceive or in the throes. Unlike some other fertility books, it also includes practical content tailored to help the mental health of prospective parents. Tackling fertility from multiple angles, from increasing sperm count and reducing exposure to endocrine disrupting chemicals to navigating IVF, and with Schrock's trademark humor and candor, she leaves you prepared to face the joys and challenges of making a baby—and excited to get started.

The Reproductive System - Steve Parker 2009-07-01

Discusses the male and female reproductive systems, explaining how they work together to form new life, and describing sexually transmitted diseases and other illnesses that affect the reproductive system.

Male Fertility and Its Regulation - E.S. Hafez 2012-12-06

Uncontrolled population growth, a significant problem for many countries, depresses real living standards in all developing areas. As a corollary, uncontrolled population growth also stresses the ability to deliver adequate reproductive health care on both national and individual levels. To focus on this and related problems an International Congress to examine many aspects of male and female Reproductive Health Center Care was held on 10-15 October 1982 in Maui, Hawaii, USA. This volume is a result of the proceedings from the 'Symposium on Male Fertility and its Regulation' which was a part of the Reproductive Health Care Congress. The organizers of this symposium recognized the need to focus male reproductive understanding on contraceptive development. The ultimate objective was and still is to produce a variety of safe and effective male contraceptives similar to that accomplished in the female. Speakers were invited to review the state of the art in several areas related to male contraception, reproductive toxicity and reproductive biology. The abstracts of these sessions were published as a special issue of Archives of Andrology (Vol. 9, No.1, August, 1982). Subsequently, this volume was assembled from key papers presented at the Symposium. Additionally, invited manuscripts from leaders in specific areas were solicited to provide additional range to the topics covered.

Exercise and Human Reproduction - Diana Vaamonde 2016-03-07

Providing a comprehensive review of the interactions between exercise and human reproduction, this unique text focuses on both the positive and negative consequences of sport and physical activity on male and female fertility and infertility and the biological mechanisms and processes behind them. Beginning with a review of the structure and function of the male and female reproductive systems as well as fertilization and gestation, the discussion then turns to the physiology and endocrinology of sport and exercise, which is further elaborated in subsequent chapters on the impact of physical activity, hormonal changes, pathologies, and consequences of drug use for active men and women. Additional chapters address related topics, such as the impact of sport on young athletes and developing reproductive potential, physical activity and pregnancy, the use of oral contraceptives in athletes, oxidative stress, and the impact of nutritional deficiencies on athletes' fertility, with a final chapter providing recommendations and therapeutic guidelines for exercise-related reproductive disorders. Covering everything from the fundamental principles of sports physiology and human reproductive potential to the interaction between physical exercise and the endocrinology of the reproductive system, *Exercise and Human Reproduction* is an authoritative resource for helping clinicians understand how the reproductive system adapts to activity and exercise and offers strategies to avoid potential harm to human reproduction.

Part 1 MRCOG Revision Notes and Sample SBAs - Neelanjana

Mukhopadhyaya 2020-12-10

This concise yet comprehensive guide is focused on the curriculum and current exam style of the MRCOG Part 1 examination. It integrates clinical knowledge with basic science, providing readers with a deeper understanding of pathophysiology of medical disorders in obstetrics and gynaecology. The lead editor is a member of the Part 1 Examination Committee and her insights are skilfully woven into the book's revision notes, sample Single Best Answer (SBA) question and answer explanations, and tips on exam technique. The book encourages a structured thought process to develop, making it easier for clinicians to make differential diagnoses and conduct relevant investigations and treatment plans. The focus on basic sciences also endows readers with the ability to develop research ideas and evaluate findings. Featuring easy-to-read text, highlighted key points, illustrations, and plenty of practice papers, this succinct guide is essential preparation reading for trainee obstetricians and gynaecologists taking the challenging Part 1 MRCOG exam.

Sexual Selection and Reproductive Competition in Insects - Murray Blum 2012-12-02

Sexual Selection and Reproductive Competition in Insects explores the biological mechanisms underlying intrasexual reproductive competition as a driving force in sexual selection in insects. The book contains papers presented at a symposium on reproductive behavior in insects, held at the 15th International Congress of Entomology in Washington, D.C., in 1976. Organized into 13 chapters, this volume begins with a historical background on sexual selection theory and some of the principal conceptual advances that have been made since Charles Darwin (1871) posited that a sexual character was a characteristic possessed by only one sex and not the other. It then introduces the reader to differences in patterns of sexual selection and how they affect the reproductive success of individuals, male-female mating relationships, and mate choice by females. The book also discusses the evolution of mating strategies in insects, touching on concepts such as parental investment, female choice, and sexual conflict. Later chapters focus on winglessness, fighting, and dimorphism in male fig wasps and other insects, along with agonistic behavior among males of *Achias australis*, the function of horns in beetles, and the evolution of alternative male reproductive strategies in field crickets. The book also looks into the courtship and mating behavior of insects, and then concludes with an analysis of insect life histories in order to elucidate the biological aspects of the male-female phenomenon. This book is an essential reading for biologists and chemists.

The Reproductive System - Kara Rogers Senior Editor, Biomedical Sciences 2010-08-15

Discusses the male and female reproductive systems, explaining how they work together to form new life, describing diseases that affect the system, and examining ethical debates from birth control to infertility.