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**KEY=1: - OLSEN FITZPATRICK**

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**TEXTBOOK OF ASSISTED REPRODUCTIVE TECHNIQUES**

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**LABORATORY PERSPECTIVES**

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**VOLUME 1: LABORATORY PERSPECTIVES**

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**TEXTBOOK OF ASSISTED REPRODUCTIVE TECHNIQUES FOURTH EDITION**

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**VOLUME 1: LABORATORY PERSPECTIVES**

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**CRC Press** Textbook of Assisted Reproductive Techniques has become a classic comprehensive reference for the whole team at the IVF clinic. The fourth edition comes more conveniently as a set of two separate volumes, one for laboratory aspects and the other for clinical applications. The text has been extensively revised, with the addition of several important new contributions on laboratory aspects including developing techniques such as PICSI, IMSI, and time-lapse imaging. The second volume focuses on clinical applications and includes new chapters on lifestyle factors, tailored ovarian stimulation, frozen-thawed embryo transfer, viral disease, and religious perspectives. As before, methods, protocols, and techniques of choice are presented by eminent international experts. The two volume set includes: ■ Volume One - Laboratory Perspectives ■ Volume Two - Clinical Perspectives

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**TEXTBOOK OF ASSISTED REPRODUCTIVE TECHNIQUES, FIFTH EDITION**

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**VOLUME 2**

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**TEXTBOOK OF ASSISTED REPRODUCTIVE TECHNIQUES FOURTH EDITION**

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**TEXTBOOK OF ASSISTED REPRODUCTIVE TECHNIQUES FOURTH EDITION**

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## **TEXTBOOK OF ASSISTED REPRODUCTIVE TECHNIQUES FOURTH EDITION**

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## **VOLUME 2: CLINICAL PERSPECTIVES**

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**CRC Press** Textbook of Assisted Reproductive Technologies has become a classic comprehensive reference for the whole team at the IVF clinic. The fourth edition comes more conveniently as a set of two separate volumes, one for laboratory aspects and the other for clinical applications. The text has been extensively revised, with the addition of several important new contributions on clinical applications, including new chapters on lifestyle factors, tailored ovarian stimulation, frozen-thawed embryo transfer, viral disease, and religious perspectives. As before, methods, protocols, and techniques of choice are presented by eminent international experts. Also available - Textbook of Assisted Reproductive Technologies, Volume One - Laboratory Perspectives Textbook of Assisted Reproductive Technologies, Two Volume Set

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## **PERSPECTIVES ON IMITATION, VOLUME 1**

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## **FROM NEUROSCIENCE TO SOCIAL SCIENCE - VOLUME 1: MECHANISMS OF IMITATION AND IMITATION IN ANIMALS**

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**MIT Press** A state-of-the-art view of imitation from leading researchers in neuroscience and brain imaging, animal and developmental psychology, primatology, ethology, philosophy, anthropology, media studies, economics, sociology, education, and law. Leading researchers across a range of disciplines provide a state-of-the-art view of imitation, integrating the latest findings and theories with reviews of seminal work, and revealing why imitation is a topic of such intense current scientific interest.

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## **OXIDATIVE STRESS IN HUMAN REPRODUCTION**

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## **SHEDDING LIGHT ON A COMPLICATED PHENOMENON**

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**Springer** This book discusses the role of oxidative stress in the reproductive system. The book reviews endogenous sources, methods of determining its levels in body fluid/tissues, the physiological roles of ROS, as well as its negative effects on the human reproductive processes. Also discussed are multiple extrinsic factors that could induce oxidative stress in the reproductive system. This volume covers various clinical pathologies related to the reproductive system that arise from or produce oxidative stress, both in the male and female. The use of antioxidants as a therapeutic measure to keep ROS levels in check are highlighted, describing the outcome of various clinical studies involving antioxidant supplementation in infertile patients. Infertility is a global disease that affects 15-25% of all couples, and oxidative stress arising from a multitude of sources has been implicated as one of the major contributing factors to the decline in human fertility. As such, this book provides an up-to-date review on the significance of ROS in human reproduction.

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## **SPERM MORPHOLOGY OF DOMESTIC ANIMALS**

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**John Wiley & Sons** A practical guide to interpreting sperm morphology of domestic animals Sperm Morphology of Domestic Animals is a concise, clinically-oriented resource for discovering any impairment to fertility caused by sperm anomalies in domesticated animals. As a bench-side reference, the book examines common sperm defects, their causes, and their prognosis for fertility. An easy-to-use reference, it is organized according to the placement of the deformity in the sperm to increase the speed of consultation, and to help with diagnosing fertility issues. Focusing particularly on the bull, stud horse, boar, ram, buck, and dog, it contains hundreds of high-quality color images accompanied by brief descriptions for additional diagnostic help. Readers will find: An easy-to-use reference work that is suitable for use next to the microscope Organization according to location of abnormality Hundreds of high-quality color images for easy comparison Brief descriptions accompanying each photo, for additional diagnostic help An ideal resource for veterinarians, andrologists, and veterinary students, Sperm Morphology of Domestic Animals fills a gap in current reproductive medicine resources with

detailed information that is easy to consult.

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### **VOLUME 1, ISSUE 1, AN ISSUE OF HOSPITAL MEDICINE CLINICS**

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**Elsevier Health Sciences** This new online Clinics series, Hospital Medicine Clinics, provides evidence-based answers to clinical questions the practicing hospitalist faces daily. The premier issue covers essential updates in aortic dissection, ICU prevention practices, HIV medications, hepatorenal syndrome, Clostridium difficile, acute gout, adrenal insufficiency, pain management at the end of life, alcohol withdrawal, and LEAN principles applied to hospital medicine.

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### **MANAGEMENT, A BIBLIOGRAPHY FOR NASA MANAGERS**

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### **TEXTBOOK OF ASSISTED REPRODUCTIVE TECHNIQUES**

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### **TWO VOLUME SET**

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**CRC Press** Already established as a classic comprehensive reference for the whole team at the IVF clinic, this new edition has been extensively revised, with the addition of several important new contributions on laboratory (including advanced sperm selection techniques for ICSI, human embryo biopsy procedures, oocyte activation, managing an oocyte bank, artificial gametes, and epigenetics) as well as on clinical topics (including GnRH agonist triggering, segmentation of IVF treatment, uterus transplantation, and risk and safety management). As previously, methods, protocols, and techniques of choice are presented by eminent contributors internationally.

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### **SERIAL SET (NO.0-3099)**

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### **LABORATORY ANIMAL MEDICINE**

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**Academic Press** Laboratory Animal Medicine is a compilation of papers that deals with the diseases and biology of major species of animals used in medical research. The book discusses animal medicine, experimental methods and techniques, design and management of animal facilities, and legislation on laboratory animals. Several papers discuss the biology and diseases of mice, hamsters, guinea pigs, and rabbits. Another paper addresses the dog and cat as laboratory animals, including sourcing of these animals, housing, feeding, and their nutritional needs, as well as breeding and colony management. The book also describes ungulates as laboratory animals, including topics on sourcing, husbandry, preventive medical treatments, and housing facilities. One paper addresses primates as test animals, covering the biology and diseases of old world primates, Cebidae, and ferrets. Some papers pertain to the treatment, diseases, and needed facilities for birds, amphibians, and fish. Other papers then deal with techniques of experimentation, anesthesia, euthanasia, and some factors (spontaneous diseases) that complicate animal research. The text can prove helpful for scientists, clinical assistants, and researchers whose work involves laboratory animals.

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### **COAL AND PEAT FIRES: A GLOBAL PERSPECTIVE**

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### **VOLUME 5: CASE STUDIES - ADVANCES IN FIELD AND LABORATORY RESEARCH**

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**Elsevier** Coal and Peat Fires: A Global Perspective, Volume Five: Case Studies - Advances in Field and Laboratory Research, the companion to volumes 1-4, includes the latest research findings about coal and peat fires in the United States, China, India, France, Spain, Poland, and Ireland. Included are chapters about the discovery of microarthropods at two mine fires, the oldest recorded uses of burning coal, the effects of combustion and coal waste on a riverine system, remote sensing analysis of coal fires, gas explosion and spontaneous combustion experiments, and phases associated with the by-products of combustion. This essential reference, along with volumes 1-4, includes a companion website with an interactive world map of coal and peat fires, a collection of slide presentations, research data, and videos: <https://www.elsevier.com/books-and-journals/book-companion/9780128498859> Authored by world-renowned experts in coal and peat fires Global in scope -- covers case studies about fires around the world Includes beautiful color illustrations, valuable research data, a companion website with additional resources, and a periodically updated world map of coal and peat fires

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### **REPORT OF THE COMMISSIONER GENERAL, WITH ACCOMPANYING DOCUMENTS, INCLUDING REPORTS OF OFFICERS OF THE COMMISSION, OFFICIAL REGULATIONS, CLASSIFICATION, LISTS OF EXHIBITORS, AWARDS, ETC**

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**UNIVERSAL EXPOSITION PARIS**


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**HOUSE DOCUMENTS**


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**RESOURCES IN EDUCATION**


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**LAB REF**


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**A HANDBOOK OF RECIPES, REAGENTS, AND OTHER REFERENCE TOOLS FOR USE AT THE BENCH**


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**CSHL Press** "The first Lab Ref volume compiled recipes and reference data drawn from a selection of our manuals and was intended to save time and spare frustration." ... "In the same spirit, Lab Ref 2 again assembles in one place a new selection of reference information that should maximize the volume's value in a crowded laboratory environment."--Note.

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**ESSENTIAL GENETICS: A GENOMICS PERSPECTIVE**


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**A GENOMICS PERSPECTIVE**


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**Jones & Bartlett Publishers** Updated to reflect the latest discoveries in the field, the Fifth Edition of Hartl's classic text provides an accessible, student-friendly introduction to contemporary genetics. Designed for the shorter, less comprehensive introductory course, *Essential Genetics: A Genomic Perspective, Fifth Edition* includes carefully chosen topics that provide a solid foundation to the basic understanding of gene mutation, expression, and regulation. New and updated sections on genetic analysis, molecular genetics, probability in genetics, and pathogenicity islands ensure that students are kept up-to-date on current key topics. The text also provides students with a sense of the social and historical context in which genetics has developed. New and expanded end-of-chapter material allows for a mastery of key genetics concepts and is ideal for homework assignments and in-class discussion.

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**CLINICAL CHEMISTRY**


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**A LABORATORY PERSPECTIVE**


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**F.A. Davis** Meet the learning needs of today's students with a brand-new style of textbook—designed to excite your students' interest in clinical chemistry! Organized almost entirely around organ systems—to parallel the way physicians order tests—this groundbreaking text teaches the concepts and principles of clinical chemistry through realistic situations and scenarios. By integrating pathophysiology, biochemistry, and analytical chemistry for each major system, students clearly see the relevance of what they are learning to their future careers. This practical approach encourages them how to apply theoretical principles in the laboratory and to develop important critical-thinking skills.

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**COAL AND PEAT FIRES: A GLOBAL PERSPECTIVE**


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**VOLUME 2: PHOTOGRAPHS AND MULTIMEDIA TOURS**


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**Newnes** *Coal and Peat Fires: A Global Perspective* is a compelling collection of research conducted by scientists and engineers around the world. It presents the scientific and industrial communities as well as the interested lay reader with studies about prehistoric as well as historic coal and peat fires and magnificent illustrations of such fires and related research from countries around the world—a totally new contribution to science. The second of four volumes in the collection, *Photographs and Multimedia Tours* features stunning photographs from around the world, including Australia, Canada, Northern China, India, Borneo, Italy, Poland, Portugal, Russia, the United States, and more. This essential reference also includes a companion website with a collection of slide presentations and videos about coal and peat fires. Authored by world-renowned experts in coal and peat fires Global in scope—countries from all of the world are represented Beautiful full-color illustrations and online materials including research data banks, an interactive online world map of coal and peat fires, multi-media presentations, and videos bring the contents to life

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**TEXTBOOK OF ASSISTED REPRODUCTIVE TECHNIQUES, FOURTH EDITION (TWO VOLUME SET)**


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**CRC Press** *Textbook of Assisted Reproductive Techniques* has become a classic comprehensive reference for the whole team at the IVF clinic. The fourth edition comes more conveniently as a set of two

separate volumes, one for laboratory aspects and the other for clinical applications. The text has been extensively revised, with the addition of several important new contributions on laboratory aspects including developing techniques such as PICSI, IMSI, and time-lapse imaging. The second volume focuses on clinical applications and includes new chapters on lifestyle factors, tailored ovarian stimulation, frozen-thawed embryo transfer, viral disease, and religious perspectives. As before, methods, protocols, and techniques of choice are presented by eminent international experts. The two volume set includes: ■ Volume One - Laboratory Perspectives ■ Volume Two - Clinical Perspectives

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## JOURNAL OF THE NATIONAL CANCER INSTITUTE

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### ANTIMICROBIALS IN LIVESTOCK 1: REGULATION, SCIENCE, PRACTICE

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#### A EUROPEAN PERSPECTIVE

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**Springer Nature** This first volume in a two-volume work enhances readers' understanding of antimicrobial resistance mechanisms in selected bacterial species that cause diseases in major food producing animals. It provides an overview of the current legislation and policies seeking to regulate the authorisation, manufacturing, distribution and use of veterinary antimicrobials in practice in a way that helps to contain the spread of antimicrobial resistance. The focus is put on Europe, without neglecting the global context. Moreover, attention is paid to various uses of antimicrobials in livestock, considering both their risks and benefits, from the distant past to the present. Growth promotion, prophylaxis, metaphylaxis, diagnostics and treatment are discussed not only with regard to food production and animal health, but also considering the One Health concept, which combines public and animal health with environmental aspects. A summary of various systems for monitoring the use of antimicrobials is provided, as well as an overview of the diseases that European veterinarians most often treat with antimicrobials. In closing, the book addresses the complexity of recent measures that are of key importance for antimicrobial stewardship, e.g. biosecurity, vaccination and other preventive tools including the newest technologies like smart farming. The complete two-volume work provides an extensive review of various aspects related to the use of antimicrobials in veterinary medicine, especially considering major food producing species, their most common infectious diseases and causative pathogens, and mainly focusing on the situation in Europe, without ignoring the global context. While Volume I discusses more general aspects of antibiotic use such as regulatory, laboratory and practical issues from different perspectives, Volume II more specifically discusses medical aspects and the use of antimicrobials in cattle, pigs, poultry and horses, as well as pharmacokinetics and pharmacodynamics, two of the most important factors determining the success of treatment. In both volumes, each chapter confronts the reader with open questions to stimulate further discussions and future research on the topics covered.

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#### BEHAVIOR OF MARINE ANIMALS

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#### CURRENT PERSPECTIVES IN RESEARCH VOLUME 1: INVERTEBRATES

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**Springer** What have been brought together in these volumes are works representing a variety of modern quantitative studies on a select group of marine organisms. Some of the species studied here represent basic biological experimental subjects-in some cases, marine versions of the white rat and pigeon-that are being used for a wide range of studies. Other species studied were virtually unknown as experimental animals. The authors have studied their animals in considerable depth, often in both the field and the laboratory. It is this cross reference between real life and the artificial but controlled conditions of the laboratory which gives us the necessary understanding, and ultimately the means, for improving our rapidly deteriorating environment, a must for man's survival, maintenance, and improvement of the quality of living standards. A direct outgrowth of a AAAS symposium entitled "Recent Advances in the Behavior of Marine Organisms" held in December 1966, these volumes include a reasonable balance between review and original unpublished research. Of the many persons who have made these volumes possible, we wish to especially thank Nancy Fish, Lois Winn, Mabel Trafford, and Deborah Brennan. The latter two accomplished most of the final editorial work. The personnel of Plenum Press were cooperative in all aspects of our relationship. Only the two editors are responsible for defects in the volumes. We believe the papers presented are significant and will be of importance to members of the scientific community.

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#### ENVIRONMENTAL HEALTH PERSPECTIVES

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#### SUPPLEMENTS

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#### NASA SP-7500

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## MANAGEMENT, A CONTINUING BIBLIOGRAPHY WITH INDEXES

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### MANAGEMENT

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## TEXTBOOK OF ASSISTED REPRODUCTIVE TECHNIQUES

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### VOLUME 1: LABORATORY PERSPECTIVES

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### BASIC EXERCISE PHYSIOLOGY

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### CLINICAL AND LABORATORY PERSPECTIVES

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**Springer Nature** This book reviews the assessment of human performance and the role of different exercise modes both in a laboratory and clinical setting. Details of how to successfully perform basic laboratory procedures for exercise training in health and disease, as well as how to apply non-invasive measurements in exercise physiology are provided. Chapters cover how to appropriately use a range of measures in assessing pulmonary function, anaerobic function and oxygen uptake. Techniques for cardiopulmonary rehabilitation and the mechanisms associated with thermoregulation are also described. Interactive exercises enable readers to easily assimilate key concepts and develop a thorough understanding of the topic. Basic Exercise Physiology provides both trainees and professional healthcare staff interested in exercise physiology with a detailed and practically applicable resource on the topic.

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### COAL AND PEAT FIRES: A GLOBAL PERSPECTIVE

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### VOLUME 5: NEW PERSPECTIVES

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Coal and Peat Fires: Volume Five, New Perspectives, a companion to Volumes 1-4 includes the latest research findings on coal and peat fires in the United States, China, Indonesia, Spain, India, and elsewhere. This book focuses on important information on the relationship of combustion to human health and water quality. It contains key information for geoscientists, fire-scientists, environmental engineers, and anyone interested on how coal and peat fires affect humans and entire ecosystems. Provides chapters authored by world-renowned experts in coal and peat fires. Covers case studies from fires around the world. Includes a companion website with additional resources and a periodically updated world map of coal and peat fires.

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### MOLECULAR GENETIC EPIDEMIOLOGY

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### A LABORATORY PERSPECTIVE

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**Springer Science & Business Media** This volume describes high-throughput approaches to a series of robust, established methodologies in molecular genetic studies of population samples. Such developments have been essential not only to linkage and association studies of single-gene and complex traits in humans, animals and plants, but also to the characterisation of clone banks, for example in mapping of genomes. Chapters have been written by developers or highly experienced end-users concerned with a diverse array of biological applications. The book should appeal to any researcher for whom costs and throughput in their genetics laboratory have become an issue.

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### U.S. GOVERNMENT RESEARCH & DEVELOPMENT REPORTS

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### LABORATORY HAMSTERS

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Elsevier

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**BEHAVIOR OF MARINE ANIMALS**

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**ENERGY: A CONTINUING BIBLIOGRAPHY WITH INDEXES**

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**ILAR NEWS**

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