

A Critical Evaluation of Animal Research

ANDREW N. ROWAN



Of Mice Models And Men A Critical Evaluation Of Animal Research

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Of Mice Models And Men A Critical Evaluation Of Animal Research:

Of Mice, Models, and Men Andrew N. Rowan, 1984-01-01 Too much emotion and insufficient fact This paradox has long characterized the controversy surrounding animal research Of Mice Models and Men is the first exhaustive treatment of all areas empirical and conceptual relevant to the use of animals in research It is also the first study to combine regard for the welfare of laboratory animals with a knowledgeable acceptance of the continuing need for research involving animals The book has another rare quality It is virtually devoid of any of the emotional and exaggerated attacks that have characterized many of the other publications in this area Instead it presents in a manner accessible to both sides all the relevant historical social and scientific information required to form an opinion on the subject The book thus achieves a most difficult goal that of bridging the gap between researchers using animals and animal welfare advocates while pointing out the need for a more active program to promote laboratory animal welfare Why Animal Experimentation Matters Ellen Frankel Paul, Jeffrey Paul, Animal experimentation has made a crucial contribution to many of the most important advances in modern medicine The development of vaccines for deadly viruses like rabies and yellow fever depended upon animal research and much of our basic knowledge about human health and physiology was discovered through the use of animals as well Inspite of these gains animal rights activists have been zealous in communicating to the public and policymakers their view that the use of animals in medical research is morally wrong and should be severely curtailed or eliminated. The activists arguments draw upon a range of disciplines and focus on both practical and ethical aspects of animal experimentation Advocates of animal experimentation have been slow to respond to these arguments Given that the worldwide toll of communicable diseases is still immense and that deadly new pathogens may emerge at any time in the future to menace human health failing to defend animal experimentation from the arguments of its opponents has disastrous implications A guick response to an unanticipated threat on the order of the AIDS epidemic is unimaginable absent a vigorous research establishment which in turn is dependent on animal proxies Why Animal Experimentation Matters is a first attempt by research scientists and moral philosophers to mount a convincing defense against animal rights enthusiasts Because opponents of animal experimentation come from a variety of intellectual backgrounds this defense is necessarily interdisciplinary as well In this collection of eight essays the authors scrutinize how animal experimentation actually functions in the laboratory the vital role that it plays in palliating and eradicating human and animal diseases and the moral justification for sacrificing animals for the betterment of human life The subjects covered in the essays include the moral status of animals and persons the importance of animals for advancing scientific knowledge the history of animal experimentation and of its detractors differing theoretical approaches of American and European animal experimentation regulations the heavily restrictive legislation promoted by animal rights activists and the threats posed to research and researchers by violent animal rights zealots Contributors include Baruch Brody H Tristram Englehardt Jr R G Frey Kenneth F Kiple and Kriemhild Cone Ornelas Adrian R Morrison Charles S Nicoll

and Sharon M Russell Jerrold Tannenbaum and Stuart M Zola This important anthology will be of interest to scientists philosophers individuals suffering from heritable or communicable diseases relatives of afflicted individuals and policymakers Ellen Frankel Paul is deputy director of the Social Philosophy and Policy Center professor of political science and philosophy at Bowling Green State University and editor in chief of the journal Social Philosophy both are professors of philosophy at Bowling Green State University Animal Research and Ethical Conflict Mary T. Phillips, Jeri A. Sechzer, 2012-12-06 This volume grew out of a project to conduct a survey of the scientific literature of the United States for items addressing the e thical and humane issues of animal experimentation The original purpose of the survey was to provide packground information for the development of a set of guide lines for the use of animals in research then in preparation by The New York Academy of Sciences Ad Hoc Committee on Animal Research We soon realized however that the survey constituted a valuable resource in its own right In this book we present the results of the literature survey along with relevant information about its legislative and historical con text We hope that this material will be helpful to biomedical researchers grappling with animal welfare problems as well as to social scientists interested in tracing the evolution of the 20th century phase of the animal research controversy. The time span covered by the survey was selected to match the 20 year period between the passage of the first federal Animal Welfare Act in 1966 and the most recent legislation regulating animal research which took effect during 1986 Our analysis examines this transitional period through the pages of the scientific literature During these 2 decades animal re search in the United States was transformed Activist animal protection organizations catapulted troublesome ethical questions to national prom inence throwing the scientific community2 into turmoil Ethical and Moral Issues Relating to Animals, 1979-1988 Karen J. Clingerman, 1988 **Animals are the Issue** Linda S Katz, 2013-10-31 Supply your library with the best collection of resources on animal issues Animals are the Issue Library Resources on Animal Issues is a guide to books journals and Web sites on historic and modern animal treatment Expert librarians and scholars provide helpful resources showing what ideals and practical solutions exist in animal rights and welfare debates With this book students philosophers and politicians can find the best of written and electronic resources about the protection and ethical use of animals by humankind Animals are the Issue stands alone as a source for locating materials on animal protection and welfare This valuable guide will help librarians save time and money in locating diverse areas of information regarding animal consumption and exploitation The authors have noted what they consider to be the most essential resources for library collections This book offers references that discuss the utilization of animals by humans as companions in sports and entertainment in religion in science and education in industry in hunting Animals Are the Issue explores how animals are seen viewed and used by humans With bibliographies annotated lists and short commentaries by the authors on nearly every item you ll be able to supply your patrons with a highly effective animal rights welfare collection Animal Rights Cass R. Sunstein, Martha C. Nussbaum, 2004-04-01 Cass Sunstein and Martha Nussbaum bring together

an all star cast of contributors to explore the legal and political issues that underlie the campaign for animal rights and the opposition to it Addressing ethical questions about ownership protection against unjustified suffering and the ability of animals to make their own choices free from human control the authors offer numerous different perspectives on animal rights and animal welfare They show that whatever one s ultimate conclusions the relationship between human beings and nonhuman animals is being fundamentally rethought This book offers a state of the art treatment of that rethinking

Reference Materials for Non-affiliated Members of Animal Care and Use Committees Kevin Engler, 1989 *Guide* for the Care and Use of Laboratory Animals Institute for Laboratory Animal Research, Commission on Life Sciences, Division on Earth and Life Studies, National Research Council, 1996-08-06 A respected resource for decades the Guide for the Care and Use of Laboratory Animals has been revised by a committee of experts based on input from scientists and the public The Guide incorporates recent research on commonly used species including farm animals and includes extensive references It is organized around major components of animal use Institutional policies and responsibilities The committee discusses areas that require policy attention the role and function of the Institutional Animal Care and Use Committee protocols for animal care and use occupational health and safety personnel qualifications and other areas Animal environment husbandry and management The committee offers guidelines on how to design and run a management program addressing environment nutrition sanitation behavioral and social issues genetics nomenclature and more Veterinary care The committee discusses animal procurement and transportation disease and preventive medicine and surgery The Guide addresses pain recognition and relief and issues surrounding euthanasia Physical plant The committee identifies design and construction issues providing guidelines for animal room doors drainage noise control surgery and other areas The Guide for the Care and Use of Laboratory Animals provides a framework for the judgments required in the management of animal facilities a resource of proven value now updated and expanded This revision will be important to researchers animal care technicians facilities managers administrators at research institutions policymakers involved in research issues and animal welfare advocates

Ethical and Moral Issues Relating to Animals Karen J. Clingerman,1990 The Case for Animal Experimentation

Michael Allen Fox,1986-01-01 Discusses animal rights and the morality of animal experiments suggests ethical guidelines for
the use of animals as test subjects and identifies irrational attitudes towards animals Alternatives to Animal Use in
Research, Testing, and Education ,1986 Alternatives to Animal Use in Research, Testing, and Education United

States. Congress. Office of Technology Assessment,1986 Trends and Changes in Drug Research and Development

S.R. Walker,2012-12-06 The 20th Anniversary of a Learned Society is a momentous event in its af fairs and it is fitting that in
the Appendix to the Proceedings of the 20th An niversary Meeting the history of the Society for Drug Research is outlined
The aim of the Society to encourage an interdisciplinary approach and to act as an organisation freed from any specific
scientific branch of knowledge was achieved and is exemplified by the publication of these proceedings of the Anniversary

Meeting held at the Pharmaceutical Society of Great Britain In only two other cases have the Society s proceedings been published main taining the original decision and policy to allow membership to enjoy com munications from those who may not have agreed to speak had publication been mandatory. The papers presented at the Anniversary Meeting covered a wide range of scientific disciplines and it is fitting that work of such calibre should have been published under the able editorship of Stuart and Bryan Walker They should prove invaluable to those who are interested in Drug Research Animal Experimentation Donna Yarri, 2005-08-18 The ethical treatment of animals has become an issue of serious moral concern Many people are challenging long held assumptions about animals and raising questions about their status and treatment What is the relationship between humans and animals Do animals have moral standing Do we have direct or indirect duties to animals Does human benefit always outweigh animal suffering The use of animals for experimentation raises all of these questions in a particularly insistent way Donna Yarri gives an overview of the current state of the discussion and presents an argument for significantly restricted animal experimentation Pointing to the similarities between humans and animals she argues that the actual differences are differences of degree rather than kind Animal cognition and animal sentiency together are the basis for the claim that experimental animals do have rights Examining arguments in the disciplines of ethology philosophy science and theology Yarri makes a case for placing substantial restrictions on animal experimentation Grounding her examination in Christian theology she formulates a more humane approach to animal experimentation She concludes with a concrete burden benefit analysis that can serve as the foundation for informed decision making The Ethics of Animal Experimentation serves as both a handbook of animal rights theory and a practical guide to navigating the complexities of animal experimentation As animal experimentation features in an increasing number of scientific endeavors it is an ethical issue that requires our immediate attention Yarri's unique contribution forges a path toward an ethical practice of animal experimentation The Importance of Animal Experimentation for Safety and Biomedical Research S. Garattini, D.W. van Bekkum, 2012-12-06 Scientists are coming under increasing pressure from activist groups to stop animal experimentation branded as cruel and unnecessary for improving human health This attitude however stems from an unrealistic evaluation of the situation and distorted information about present scientific knowledge There is no question that most medical progress perhaps all in fac has been attained through knowledge derived initially from experiments in various animal species There is practically no way of replacing animals in these investigations and so called alternative methods are in reality merely complementary Tissue cultures cell microorganisms enzymes membranes mathematical models all are useful for preliminary screening tests and for testing hypotheses but the complexity of a living organism is such that in vivo studies are essential before any test can responsibly be made in man This book presents the proceedings of an international symposium organized in Strasbourg October 24 25 1988 with the aim of assessing present day requirements as regards animal experimentation in research related to major medical and toxicological problems still

awaiting solutions Encyclopedia of Animal Rights and Animal Welfare Marc Bekoff, Carron A. Meaney, 2013-12-16 Human beings responsibility to and for their fellow animals has become an increasingly controversial subject This book provides a provocative overview of the many different perspectives on the issues of animal rights and animal welfare in an easy to use encyclopedic format Original contributions from over 125 well known philosophers biologists and psychologists in this field create a well balanced and multi disciplinary work Users will be able to examine critically the varied angles and arguments and gain a better understanding of the history and development of animal rights and animal protectionist movements around the world Outstanding Reference Source Best Reference Source Quick Bibliography Series ,1976 and Literature of Agriculture, 1986 In the Name of Science F. Barbara Orlans, 1993-07-08 Few arguments in biomedical experimentation have stirred such heated debate in recent years as those raised by animal research In this comprehensive analysis of the social political and ethical conflicts surrounding the use of animals in scientific experiments Barbara Orlans judges both ends of the spectrum in this debate unconditional approval or rejection of animal experimentation to be untenable Instead of arguing for either view she thoughtfully explores the ground between the extremes and convincingly makes the case for public policy reforms that serve to improve the welfare of laboratory animals without jeopardizing scientific endeavor This book presents controversial issues in a balanced manner based on careful historical analysis and original research Different mechanisms of oversight for animal experiments are compared and those that have worked well are identified This compelling work will be of interest to biomedical scientists ethicists animal welfare advocates and other readers concerned with this critical issue **Reference Materials for Members of Animal Care and** Use Committees D'Anna J. B. Jensen, 1991

This book delves into Of Mice Models And Men A Critical Evaluation Of Animal Research. Of Mice Models And Men A Critical Evaluation Of Animal Research is a vital topic that must be grasped by everyone, from students and scholars to the general public. This book will furnish comprehensive and in-depth insights into Of Mice Models And Men A Critical Evaluation Of Animal Research, encompassing both the fundamentals and more intricate discussions.

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- 6. In chapter 5, the author will draw a conclusion about Of Mice Models And Men A Critical Evaluation Of Animal Research. The final chapter will summarize the key points that have been discussed throughout the book.
 - This book is crafted in an easy-to-understand language and is complemented by engaging illustrations. This book is highly recommended for anyone seeking to gain a comprehensive understanding of Of Mice Models And Men A Critical Evaluation Of Animal Research.

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