

CHIMPANZEES IN BIOMEDICAL AND BEHAVIORAL RESEARCH

ASSESSING THE NECESSITY

Committee on the Use of Chimpanzees in Biomedical
and Behavioral Research

Board on Health Sciences Policy
Institute of Medicine

Board on Life Sciences
Division on Earth and Life Studies

Bruce M. Altevogt, Diana E. Pankevich,
Marilee K. Shelton-Davenport, and Jeffrey P. Kahn, *Editors*

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Chimpanzees In Biomedical And Behavioral Research

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Chimpanzees In Biomedical And Behavioral Research Assessing The Necessity:

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Chimpanzees in Biomedical and Behavioral Research: Committee on the Use of Chimpanzees in Biomedical and Behavioral Research, Board on Health Sciences Policy, Board on Life Sciences, Division on Earth and Life Studies, Institute of Medicine, National Research Council, 2011-12-05 For many years experiments using chimpanzees have been instrumental in advancing scientific knowledge and have led to new medicines to prevent life threatening and debilitating diseases However recent advances in alternate research tools have rendered chimpanzees largely unnecessary as research subjects The Institute of Medicine in collaboration with the National Research Council conducted an in depth analysis of the scientific necessity for chimpanzees in NIH funded biomedical and behavioral research The committee concludes that while the chimpanzee has been a valuable animal model in the past most current biomedical research use of chimpanzees is not necessary though noted that it is impossible to predict whether research on emerging or new diseases may necessitate chimpanzees in the future Chimpanzees in Biomedical and Behavioral Research ,

Federal Register , 2013-07 Rethinking Moral Status Steve Clarke, Hazem Zohny, Julian Savulescu, 2021-08-05 Common sense morality implicitly assumes that reasonably clear distinctions can be drawn between the full moral status that is usually attributed to ordinary adult humans the partial moral status attributed to non human animals and the absence of moral status which is usually ascribed to machines and other artifacts These implicit assumptions have long been challenged and are now coming under further scrutiny as there are beings we have recently become able to create as well as beings that we may soon be able to create which blur the distinctions between human non human animal and non biological beings These beings include non human chimeras cyborgs human brain organoids post humans and human minds that have been uploaded into computers and onto the internet and artificial intelligence It is far from clear what moral status we should attribute to any of these beings There are a number of ways we could respond to the new challenges these technological developments raise we might revise our ordinary assumptions about what is needed for a being to possess full moral status or reject the

assumption that there is a sharp distinction between full and partial moral status This volume explores such responses and provides a forum for philosophical reflection about ordinary presuppositions and intuitions about moral status

Nonhuman Primates in Biomedical Research Christian R. Abee, Keith Mansfield, Suzette D. Tardif, Timothy Morris, 2012-03-29 A comprehensive up to date review of the use of nonhuman primates in biomedical research emphasising the biology and management diseases and biomedical models for nonhuman primate species most commonly used in research

Principles of Animal Research Ethics Tom L. Beauchamp, David DeGrazia, 2020 This volume presents a framework of general principles for animal research ethics together with an analysis of the principles meaning and moral requirements Tom L Beauchamp and David DeGrazia s comprehensive framework addresses ethical requirements pertaining to societal benefit the most important consideration in justifying the harming of animals in research and features a thorough ethically defensible program of animal welfare The book also features commentaries on the framework of principles by eminent figures in animal research ethics from an array of relevant disciplines veterinary medicine biomedical research biology zoology comparative psychology primatology law and bioethics

Handbook of Primate Behavioral Management Steven J. Schapiro, 2017-07-12 Key features Offers chapters by renowned experts which are comprised of three subunits a theoretical discussion of the content area a description of the methods employed to address the content area and finally and most importantly a discussion of the ways that relevant aspects of the content area can be easily employed adapted to enhance the behavioral management of NHPs Provides case studies that highlight the areas of expertise of the authors and emphasize success stories that can be used to develop behavioral management strategies and build behavioral management programs Presents Genera specific chapters which focus on behavioral management strategies that typically are successfully employed with particular taxa of NHPs Includes a novel pioneering Product services section that provides the producers of important technologies equipment and services with an opportunity to highlight the ways in which their products enhance the ability of their clients to manage the behavior of NHPs Illustrated with full color images and drawings throughout The Handbook of Primate Behavioral Management HPBM fills a void in the scientific literature providing those who work with nonhuman primates NHPs with a centralized reference for many issues related to the care and behavioral management of captive nonhuman primates While there are numerous publications scattered throughout the literature that deal with the behavioral management of NHPs this comprehensive handbook is the first single source reference to summarize and synthesize this information The HPBM is organized into six complementary parts starting with an introductory section The book then provides in depth coverage of content issues applications and implementation genera specific chapters technology related questions involved in the behavioral management of NHPs and a concluding section Primate behavioral management is a topic that has recently generated a considerable number of primary publications in the scientific literature mostly with an applied focus Similarly there are many primary publications currently available that

address more basic issues related to the understanding of primate behavior One of the principal goals of the HPBM is to highlight and synthesize basic science advances that can be adapted and applied to enhance the behavioral management of captive NHPs

The Ethical Case against Animal Experiments Andrew Linzey, Clair Linzey, 2017-12-21 At present human beings worldwide are using an estimated 115.3 million animals in experiments a normalization of the unthinkable on an immense scale In terms of harm pain suffering and death animal experiments constitute one of the major moral issues of our time Given today's deeper understanding of animal sentience the contributors to this volume argue that we must afford animals a special moral consideration that precludes their use in experiments The Ethical Case against Animal Experiments begins with the Oxford Centre for Animal Ethics's groundbreaking and comprehensive ethical critique of the practice of animal experiments A second section offers original writings that engage with and elaborate on aspects of the Oxford Centre report The essayists explore historical philosophical and personal perspectives that range from animal experiments in classical times to the place of necessity in animal research to one researcher's painful journey from researcher to opponent A devastating look at a contemporary moral crisis The Ethical Case against Animal Experiments melds logic and compassion to mount a powerful challenge to human cruelty

Contemporary Debates in Bioethics Arthur L. Caplan, Robert Arp, 2013-09-10 Contemporary Debates in Bioethics features a timely collection of highly readable debate style arguments contributed by many of today's top bioethics scholars focusing on core bioethical concerns of the twenty first century Written in an engaging debate style format for accessibility to non specialists Features general introductions to each topic that precede scholarly debates Presents the latest cutting edge thoughts on relevant bioethics ideas arguments and debates

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