

Nearly 80 years ago, Aldous Huxley wrote his literary masterpiece *Brave New World*. In that book he posited a future where genetic engineering is commonplace and human beings, aided by cloning, are mass produced. Controllers and predestinators replaced mothers and fathers. The words themselves considered smut. As the new authors of human life in an uncompromising search for human happiness and stability, the possibility of human individuality had been entirely jettisoned. For most of its 80 years, *Brave New World* could be seen as a disturbing work of science fiction. That is no longer the case. The possible cloning of human beings is now relegated to the world -- not relegated to the world of fiction. The question we must now ask is this: what should we do with this science? Several scientists claim that they are poised to take the fateful next step and actually produce a human clone. We in this subcommittee will focus not only on the scientific, but on the moral and ethical questions raised by the astonishing possibility that an exact copy of a human being might be cloned in the near future. Although federally funded human cloning research is prohibited, such privately funded research is not. In fact, no definitive Federal statute governs privately funded human cloning experiments. Experimentation in science has outpaced the law on the underlying issues raised by human cloning. The FDA has asserted that it has jurisdiction over human cloning, based on the Public Health Service Act and the Food, Drug and Cosmetic Act. Is this a sufficient safeguard? Although there is no Federal ban on human cloning, a number of states, 26 other countries and the United Nations have seen the need to enact some form of ban on human cloning. But to craft a meaningful and reasonable statute that is both sound in its science and consistent with human dignity, the Congress needs to ask the hard questions posed by human cloning research. This committee has a responsibility to ask these difficult questions because we are dealing with the most profound of human responsibilities, the future of our species. The witnesses we have assembled represent a broad cross section of opinions and expertise on these complex issues. We will hear from experts in animal cloning research and bioethics, the FDA and the National Bioethics Advisory Commission, among others. We will also hear from controversial witnesses. We hope to learn from their testimony whether the projects they envision are credible scientifically. Other esteemed bodies can hold meetings and write reports and issue voluntary guidelines, but only the Congress can write the laws for our nation.

A contribution to the ichthyology of Mexico Volume Fieldiana Zoology v.3, no.6, *It Works How and Why: The Twelve Steps and Traditions of Narcotics Anonymous - Pocket Size Edition*, *Sharks*, *The Absolute Relevancy of Singularity in terms of a Cosmic Creation* BOOK 8: *The Absolute Relevancy of Singularity*, *Great Mathematicians a Short Biographica*,

Ethics of cloning - Wikipedia Issues Raised by Human Cloning Research: Hearing Before the Subcommittee on Oversight and Investigations of the Committee on Energy and Commerce, **Cloning (Stanford Encyclopedia of Philosophy)** In bioethics, the ethics of cloning refers to a variety of ethical positions regarding the practice and possibilities of cloning, especially human cloning. While many of these views are religious in origin, some of the questions raised by cloning are faced by secular perspectives as Perspectives on human cloning are theoretical, as human therapeutic and **Dolly the Sheep and the human cloning debate - twenty years later** THE AHEC REPORTS DISCUSSION OF ETHICAL ISSUES . complex issues surrounding human cloning and stem cell research for the past two years. **Issues raised by human cloning research: hearing - Google Books** Issues raised by human cloning research [microform] [2001]. Congress. United States Subcommittee on Oversight and Investigations. Committee on Energy and **Issues Raised by Human Cloning Research -** Issues raised by human cloning research: hearing before the Subcommittee on Oversight and

Investigations of the Committee on Energy and Commerce, House - **ISSUES RAISED BY HUMAN CLONING RESEARCH - GPO** However, both reproductive and therapeutic cloning raise important ethical issues, **The Ethical Issues of Human Cloning Ariel Brown -** What about Cloned Human Embryos in research could help throw light on cell and embryo which use cloned embryos raise serious ethical questions. **To Clone or not to Clone: The Ethical Question** One of many concerns with human cloning is that cloning of animals Duke University researchers announced on **Human cloning: ethical issues - unesdoc - Unesco** Recent Development of Cloning Research on Animals. 10. What are the Ethical Issues regarding Human Cloning? 11. Is Research .. Their use has raised objections by those opposed to abortion on moral, religious and **The Ethics of Cloning** Issues raised by human cloning research: hearing before the Subcommittee on Oversight and Investigations of the Committee on Energy and Commerce, House **The Ethics of Human Cloning and Stem Cell Research - Bioethics** Human cloning would allow individuals or couples with fertility problems to have cloning would allow him to have a child who is biologically related to him. .. The ethics of research on human subjects suggest three sorts of problems that **Reproductive cloning - Religious tolerance** One set of ethical concerns about human clones involves the risks and in the public or private sector, whether in a research or clinical setting, to attempt to create a . Some assisted reproductive technologies have raised similar questions This document gives a brief summary of the issues as they were raised by the four between reproductive cloning and human embryonic stem cell research. **Cloning Fact Sheet - National Human Genome Research Institute** **Human cloning: scientific, ethical and regulatory aspects of human** The main moral issues raised by human cloning. Proponents of biomedical research justify their position by emphasising the knowledge that can be gained of **PCBE: Human Cloning and Human Dignity: An Ethical Inquiry -- Full** Issues raised by human cloning research [microform] : hearing before the Subcommittee on Oversight and Investigations of the Committee on Energy and **cloning human beings - Bioethics Research Library** The debate on human reproductive cloning seems to have drawn to a .. iPSC research could thus avoid the ethical issues raised by cloning. **Ethical Issues in Stem Cell Research - NCBI - NIH** Buy Issues Raised by Human Cloning Research: Hearing Before the Committee on Energy and Commerce, U.S. House of Representatives by James C. **Human Cloning — The Center for Bioethics and Culture** The ethics of human cloning has become a great issue in the past few years. . Producing clones for research or to use their parts is unethical. If raised by a clone-parent or as a sibling to the cloned, one may have great expectations to live **Issues Raised by Human Cloning Research - Northwestern University** Cloning-for-biomedical-research also raises new questions about the Moreover, the legislative debates over human cloning raise questions about Beyond those safety issues, the Council holds that cloning-to-produce-children would be a **Star Wars in the Public Square: The Clone Wars as Political Dialogue - Google Books Result** Thomas A. Shannon, Human Cloning: Religious and Ethical Issues, 32 Val. followed it once again focused on many of the thematic issues raised by ethical, though the university research ethics committee cleared this experiment, Hall. **Ethical Considerations on Human Cloning** freedom, the right to raise ones children as one sees fit, within limits mostly determined human cloning does not settle the moral issue about human cloning, **The Ethics of Cloning** Since Dolly, researchers have cloned goats, cows, mice, pigs, cats, rabbits, and of cloning technologies to human beings raises a number of ethical concerns A number of objections have been raised against reproductive human cloning, **Issues raised by human cloning research : hearing before the** However, human stem cell (hSC) research also raises sharp ethical and political Several other methods of deriving stem cells raise fewer ethical concerns. .. In this view, cloning would lead children to be regarded more as **Issues raised by human cloning research [microform] - Agris - FAO** **ISSUES RAISED BY HUMAN CLONING RESEARCH. HEARING. BEFORE THE. SUBCOMMITTEE ON. OVERSIGHT AND**

INVESTIGATIONS. **Human Cloning The Center for Bioethics & Human Dignity** [House Hearing, 107 Congress] [From the U.S. Government Printing Office] ISSUES RAISED BY HUMAN CLONING RESEARCH

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