



**SHALL WE CLONE A MAN?
GENETIC ENGINEERING AND THE ISSUES OF LIFE.**

A VIEW FROM A CATHOLIC PHYSICIAN SCIENTIST

Kenneth Alonso, MD, FACP

Shall We Clone A Man Genetic Engineering And The Issues Of Life

Ying Liu



Shall We Clone A Man Genetic Engineering And The Issues Of Life:

Synthetic Biology and Morality Gregory E. Kaebnick, 2013-07-26 A range of views on the morality of synthetic biology and its place in public policy and political discourse **The Ethics of Biotechnology** Gaymon Bennett, 2022-01-26 The essays collected in this volume provide students of ethics with essential tools for making sense of emerging biotechnical capacities and the turbulent power relations these capacities are bringing into the world Unlike previous reference works in bioethics which focus on specific domains of human activity such as genetic research or biomedicine this volume directs students attention to the underlying cultural and institutional forces that shape how biotechnologists approach the world and teaches students how to weigh the ethical significance of these forces This innovative approach to the ethics of biotechnology detailed in the volume's introduction equips students to track the dynamic interplay of biology digital technology and the high tech economy which is remaking the living world today and the human relation to it **Shall We Clone a Man?**

Kenneth Alonso, 1999 *Shall We Clone A Man* is a provocative look at the questions of life raised by the successful cloning of a complex mammal the author Dr Kenneth Alonso is a physician and scientist well known for his work in cancer and AIDS

Human Cloning Lane P. Lester, James Hefley, 1999 Dolly the cloned sheep shocked the world in March 1997 Since then scientists in America have successfully cloned second and third generation mice Progress now seems unstoppable and the real possibility of cloned human beings looms ever nearer But even if it is possible should we be meddling in the conception of new individuals in this way **A Terrible Beauty is Born** Brendan Curran, 2003-02-20 Genetics and its related technologies are revolutionizing the world The media is regularly dominated by controversy over the latest genetically modified GM food human gene therapy or cancer chip technology Maverick scientists are in the process of cloning humans and the human genome sequence is available on the Internet Fifty years ago we did not know what a gene was today the awesome power of genetics is being released on an unsuspecting public and with it a whole series of ethical dilemmas undreamt of even ten years ago The question now has become not can we but should we By demystifying genetic engineering and exploring the basic biology of the living world *A Terrible Beauty is Born* explains how clones and cloning technology are in many ways extensions of processes that occur constantly in nature Used wisely these processes have the potential to bring enormous benefits abused they carry with them potential dangers that we ignore at our peril *On Cloning* John Harris, 2004-07-31 Cloning few words have as much potential to grip our imagination or grab the headlines No longer the stuff of science fiction or Star Wars it is happening now Yet human cloning is currently banned throughout the world and therapeutic cloning banned in many countries In this highly controversial book John Harris does a lot more than ask why we are so afraid of cloning He presents a deft and informed defence of human cloning carefully exposing the rhetorical and highly dubious arguments against it He begins with an introduction to what a human clone is before tackling some of the most common and frequently bizarre criticisms of cloning Is it really wicked Can we regulate it What about the welfare of

cloned children Does it turn human beings into commodities Dismissing one by one some of the myths about human cloning in particular that it is degrading and unsafe he astutely argues that some of our most cherished values such as the freedom to start a family and the freedom from state control actually support the case for human cloning Offering a brave and lucid insight into this ethical minefield John Harris at last shows that far from ending the diversity of human life or creating a race of super clones cloning has the power to improve and heal human life

The ^ACloning Sourcebook Arlene Judith Klotzko,2003-09-25 Animal cloning has developed quickly since the birth of Dolly the sheep Yet many of the first questions to be raised still need to be answered What do Dolly and her fellow mouse cow pig goat and monkey clones mean for science And for society Why do so many people respond so fearfully to cloning What are the ethical issues raised by cloning animals and in the future humans How are the makers of public policy coping with the stunning fact that an entire animal can be reconstructed from a single adult cell And that humans might well be next The Cloning Source Book addresses all of these questions in a way that is unique in the cloning literature by grounding what is effectively an interdisciplinary conversation in solid science In the first section of the book the key scientists responsible for the early and crucial developments in cloning speak to us directly and other scientists evaluate and comment on these developments The second section explores the context of cloning and includes sociological mythological and historical perspectives on science ethics and policy The authors also examine the media s treatment of the Dolly story and its aftermath both in the United States and in Britain The third section on ethics contains a broad range of papers written by some of the major commentators in the field The fourth section addresses legal and policy issues It features individual and collective contributions by those who have actually shaped public policy on reproductive cloning therapeutic cloning and similarly contentious bioethical issues in the United States Britain and the European Union Animal cloning continues for agricultural and medicinal purposes the latter in combination with transgenics Human cloning for therapeutic purposes has recently been made legal in Britain The goal is to produce an early embryo and then derive stem cells that are immunologically matched to the donor Two human reproductive cloning projects have been announced and there are almost certainly others about which we know nothing Sooner or later a cloned human will be born Many lessons can be learned from the cloning experience Most importantly there needs to be a public conversation about the permissible uses of new and morally murky technologies Scientists journalists ethicists and policy makers all have roles to play but cutting edge science is everybody s business The Cloning Sourcebook provides the tools required for us to participate in shaping our own futures

Yes to Human Cloning Raël Maitreya,2020-06-15 In 1997 Rael the well known spiritual leader of the Raelian Movement the largest UFO related organization in the world counting 130 000 members in over 120 countries [www rael org](http://www.rael.org) founded CLONAIID the first company offering to clone human beings [www clonaid com](http://www.clonaid.com) In this book he explains how today s cloning technology is the first step in the quest for eternal life Once we can clone exact replicas of ourselves the next step will be to transfer our memory and personality into our newly cloned brains

which will allow us to truly live forever Since we will be able to remember all our past we will be able to accumulate knowledge ad infinitum And so now man's ultimate dream of eternal life which past religions only promised after death in a mythical paradise becomes a scientific reality Rael with exceptional vision allows us an extraordinary glimpse into an amazing future and explains how our nascent technology will revolutionize our world and transform our lives For example he describes how nanotechnology will make agriculture and heavy industry redundant how super artificial intelligence will quickly outstrip human intelligence how eternal life will be possible in a computer without the need for any biological body and much much more And as Rael says don't make the mistake in thinking that this is twenty-second century science fiction All this will happen within the next 20 years This is a book to prepare us for an unimaginably beautiful world turned paradise where no one needs to work no more

Basic Questions on Genetics, Stem Cell Research, and Cloning John Kilner, Gary P. Stewart, Cutting edge medical ethics issues are addressed by nationally recognized experts The BioBasics Series confronts the maze of challenging questions with biblical responses and uncompromising respect for all human life

Human Cloning Barbara MacKinnon, 2000 From this collection readers will gain a clearer picture of the history of cloning in agriculture and animal science the various biological procedures that are encompassed by the term cloning the philosophical arguments in support of and opposed to cloning humans and the considerations that should inform discussions about public policy matters related to cloning research and to human cloning itself

Ethical Issues of Human Cloning Patrick Kimuyu, 2017-11-22
Scientific Essay from the year 2017 in the subject Medicine Medical Frontiers and Special Areas grade 1 language English abstract This essay will give an overview on the ethics of human cloning It will provide a concise summary on the development of cloning and then discuss the scientific societal and religious ethical perspectives to the issue Genetic engineering is currently gaining unprecedented popularity owing to its usefulness in solving numerous biological problems It has become a powerful tool in virtually all biological aspects of life In medicine genetic engineering has proven to be reliable in treating and managing biological disorders It has also gained popularity in addressing the challenges posed by chronic diseases such as diabetes The discovery of the so called Induced Adult Stem Cell Therapy and the industrial production of Insulin for treatment of diabetes seem to have shaped the social perspective of genetic engineering On the other hand genetic engineering technology has become one of the most reliable biological tools for increasing food production for rapidly growing global population However despite the numerous benefits of genetic engineering immense criticism has emerged especially with regard to the ethical perspective of the technology Scientists are in unprecedented dilemma of whether the reproduction of cloned organisms will cause undesirable physical and behavioral traits leading to the alteration of normal organisms Currently there has emerged immense debate on human cloning leading to the shift of ethical perception on genetic engineering Human cloning is believed to be one of the most popular biotechnological approaches with widespread adoption in the medical field This is probably so because it has enabled medical professionals to address some of

the most challenging health issues by providing them with extensive medical approach into an array of diseases and health conditions Some of the medical applications which have created unprecedented ethical debates among the global population are the Somatic cell Nuclear Transfer and test tube baby technology **Human Cloning** James M. Humber,Robert Almeder,1998-08-07 In Human Cloning a panel of distinguished philosophers medical ethicists religious thinkers and social critics tackle the thorny problems raised by the now real possibility of human cloning In their wide ranging reviews the distinguished contributors critically examine the major arguments for and against human cloning probe the implications of such a procedure for society and critically evaluate the Report and Recommendations of the National Bioethics Advisory Commission The debate includes both religious and secular arguments as well as an outline of the history of the cloning debate and a discussion of human cloning s impact on our sense of self and our beliefs about the meaning of life

Engineering the Human Germline Gregory Stock,John Campbell,2000-02-03 This book explores the many prospects challenges and ethical questions that surround the engineering of our reproductive cells It is an accessible three part examination moving from focused realistic assessments of the promise and problems for this advancing technology to a section of short essays on the implications of our technological ability Also included is a panel discussion in which leading scientists ethicists and public policy workers give voice to their thoughts and concerns regarding our impending genetic technologies Many world leaders in these fields including Leroy Hood French Anderson Mario Capecchi Daniel Koshland Michael Rose Lee Silver and James Watson have contributed to this volume providing the essential elements of the debate over germline engineering If you have ever pondered the question Would I be willing to genetically alter my own child to be given a safe reliable technology offering a tempting possibility this book will be an indispensable guide Perfect Copy

Jonathan Agar,2009-09-03 Cloning is some of the most exciting science and one of the most keenly fought moral debates of our time Perfect Copy is a uniquely accessible exploration this most vexed and pressing issue In 1997 Ian Wilmut and his team announced that they had done what many thought to be impossible They had cloned a mammal from an adult cell This breakthrough prompted immediate calls for the new technology of mammalian cloning to be used on humans Italian fertility specialist Severino Antinori hopes to use cloning within two years to give 200 infertile couples the opportunity to at last become parents Cloning may also solve once and for all the problem of rejection that bedevils transplant surgery Perhaps it even holds the promise of eternal life But plans to clone humans have triggered a storm of protest Scientists including Wilmut politicians from left and right and theologians from almost all religions find the idea abhorrent We cannot possibly decide who is right in this debate unless we have a good understanding of what a human clone is and how one would be created Nicholas Agar unravels the science and the ethics of cloning and begins to show how we should approach this fantastically problematic area Cloning Humans: Read Along or Enhanced eBook Leah Kaminski,2020-08-28 What makes a person who they are This is one of the fundamental questions of human life Scientists of the 21st century have made rapid

advances in cloning and editing human DNA and cells even if their understanding of how human characteristics are shaped is still relatively new In STEM Body Cloning Humans readers will learn about three life changing pieces of genetic technology from therapeutic cloning to embryonic gene editing By exploring these innovations and how they work students will expand their learning of biology genetics and other STEM fields At just 32 pages Full Tilt Fast Reads help striving middle school readers build reading stamina and stay engaged with high interest low level content and dynamic topics

Human Cloning and Genetic Engineering Tom Jackson, 2020-04-02 What is heredity Who is Dolly the Sheep From zygotes to DNA from stem cells to GMOs this book traces the journey so far of scientific discoveries in human cloning and genetic engineering then takes a look at new technical advancements in this controversial scientific field such as epigenetics and xenobiology

The Future is Now Eric Cohen, William Kristol, 2002-03-11 This book looks at both the past and the future of the debate over whether there are moral limits to scientific progress and what life will look like in the genetic age

A Clone of Your Own? Arlene Judith Klotzko, 2005 Someday soon if it hasn't happened in secret already the first cloned human will be born and mankind will embark on a scientific and moral journey whose destination cannot be foretold In A Clone of Your Own Arlene Judith Klotzko describes the new world of possibilities that can be glimpsed over the horizon In a lucid and engaging narrative she explains that the technology to create clones of living beings already exists inaugurated in 1996 by Dolly the sheep the first mammal cloned from a single adult cell Our fascination with cloning is about much more than science and its extraordinary medical implications In riveting prose full of allusions to art music and the cinema Klotzko shows why the prospect of human cloning triggers our dearest hopes and especially our darkest fears forcing us to ponder anew what it means to be human and what it would be like to have a clone of your own

Basic Questions on Genetics, Stem Cell Research, and Cloning, 2004 Cutting edge medical ethics issues are addressed by nationally recognized experts The BioBasics Series confronts the maze of challenging questions with biblical responses and uncompromising respect for all human life

Biotechnology and the Ethics of Cloning United States. Congress. House. Committee on Science. Subcommittee on Technology, 1997

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