



Redesigning Humans: Choosing our genes, changing our future

By Gregory Stock

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A groundbreaking work, *Redesigning Humans* tackles the controversial subject of engineering the human germline -- the process of permanently altering the genetic code of an individual so that the changes are passed on to the offspring. Gregory Stock, an expert on the implications of recent advances in reproductive biology, has glimpsed the inevitable future of biomedical engineering. Within decades, Stock asserts, technological advances will bring meaningful changes to our offspring; this scientific revolution promises to fundamentally alter the human species. With recent findings presented in a new afterword, Stock's provocative assessment cuts through the debate to envision an age of radical biotechnological advancement and unprecedented human choice.

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Redesigning Humans: Choosing our genes, changing our future By Gregory Stock Bibliography

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Editorial Review

Amazon.com Review

Will the genetic research that gave us the Flavr Savr tomato also give us the power to customize our children? Medical thinker Gregory Stock believes that this is precisely what's happening and that we'd better get used to it fast. *Redesigning Humans: Our Inevitable Genetic Future* explores gender selection, gene therapy, germinal choice, and many more options available now or in the near future, but lays aside the hysteria common to such discussions.

Stock sees the cloning controversy as a distraction from issues of real importance, such as balancing offspring trait selection against eugenics. Writing with the clarity and precision of a philosopher, Stock engages his readers with thought exercises and real-life examples. While not a brainless cheerleader for big science, he believes that we can, and certainly will, use any means necessary to give our children an edge, even if it means profound changes for our species. *Redesigning Humans* offers the hope that these changes need not be catastrophic if we pay attention now. --Rob Lightner

From Publishers Weekly

Rather than worry about the ethics of human cloning, Stock (Metaman; The Book of Questions), director of the UCLA School of Medicine's Program of Medicine, Technology and Society, believes we should focus our attention on the idea that we'll soon be able to genetically manipulate embryos to develop desired traits a more immediate and enticing possibility for most parents than cloning. He gives a lucid overview of the new biotechnology that will allow scientists to delay aging and to insert genes that enhance physical and cognitive performance, combat disease or improve looks into embryos. Stock thoughtfully weighs the ethical dilemmas such advances present, arguing that the real threat is not frivolous abuse of technology but the fact that we don't know the long-term effects of these genetic changes. In any case, Stock insists, there's no turning back, and government bans "will determine not whether the technologies will be available, but where, who profits from them, who shapes their development, and which parents have early access to them." Stock demonstrates that much of the current criticism of human genetic engineering sounds remarkably similar to what was being said about in vitro fertilization when it first appeared. He believes that we will come to accept laboratory conception of all offspring and the addition of artificial chromosomes stocked with designer genes as readily as we have come to accept in vitro fertilization. Along the way we are sure to have many ethical issues to confront, issues that Stock does an impressive job of outlining.

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Review

"REDESIGNING HUMANS's advocacy of DNA-improved human destinies reveals the compassionate side of science." --James D. Watson

"Gregory Stock's intellectual brilliance has brought us a wonderful book that is fascinating to read and that everyone needs. And his style is fluent and attractive. Whether or not you share his vision of the future, this book will enthrall you." --Sherwin B. Nuland, author of LEONARDO DA VINCI and HOW WE DIE

"Even though the prospect of altering human heredity is a subject of enormous scientific and ethical importance, and looms as a near-horizon prospect, it has been under-emphasized in research and largely neglected by public philosophers. Stock provides us with a clearly written and balanced briefing that

deserves special attention." --Edward O. Wilson

"Gregory Stock has the imagination, courage, and scientific vision to look our future square in the face. This is the most important book ever written about what we could do to make better people. I could not put this book down because it challenged everything I thought I knew about human nature." --Glenn McGee, author of THE PERFECT BABY

"Whether or not you agree with Stock's provocative vision of the human future, you will come away with a deepened understanding of the immense challenges ahead." --Alvin Toffler

"A breath of fresh air to fuel the debate now raging in Congress and the White House..." Kirkus Reviews

"Stock...explains the technologies of cloning, embryo selection and genetic modification, making clear what seems possible in the near future..." --Rebecca Skloot The Chicago Tribune

"Stock...writes with a clear, lucid style..." --Robert Winston Nature

"...compelling reading, fascinating and frightening at the same time." --Fred Bortz Dallas Morning News

"Stock...gives a lucid overview of the new biotechnology...[and] thoughtfully weighs the ethical dilemmas such advances present...impressive." Publishers Weekly

Users Review

From reader reviews:

Willie Long:

This Redesigning Humans: Choosing our genes, changing our future book is simply not ordinary book, you have after that it the world is in your hands. The benefit you get by reading this book is information inside this book incredible fresh, you will get data which is getting deeper a person read a lot of information you will get. This particular Redesigning Humans: Choosing our genes, changing our future without we recognize teach the one who examining it become critical in pondering and analyzing. Don't possibly be worry Redesigning Humans: Choosing our genes, changing our future can bring when you are and not make your bag space or bookshelves' come to be full because you can have it within your lovely laptop even cell phone. This Redesigning Humans: Choosing our genes, changing our future having excellent arrangement in word as well as layout, so you will not really feel uninterested in reading.

Brian Crafton:

As people who live in typically the modest era should be upgrade about what going on or details even knowledge to make these people keep up with the era which is always change and move ahead. Some of you maybe will certainly update themselves by reading through books. It is a good choice for yourself but the problems coming to you actually is you don't know what kind you should start with. This Redesigning Humans: Choosing our genes, changing our future is our recommendation so you keep up with the world. Why, since this book serves what you want and wish in this era.

Joseph Lunsford:

Playing with family in a very park, coming to see the sea world or hanging out with good friends is thing that usually you have done when you have spare time, then why you don't try issue that really opposite from that. One particular activity that make you not sense tired but still relaxing, trilling like on roller coaster you are ride on and with addition details. Even you love Redesigning Humans: Choosing our genes, changing our future, you can enjoy both. It is good combination right, you still desire to miss it? What kind of hang-out type is it? Oh occur its mind hangout folks. What? Still don't understand it, oh come on its called reading friends.

Norma Ochoa:

This Redesigning Humans: Choosing our genes, changing our future is great book for you because the content which can be full of information for you who have always deal with world and get to make decision every minute. That book reveal it details accurately using great arrange word or we can declare no rambling sentences included. So if you are read it hurriedly you can have whole info in it. Doesn't mean it only offers you straight forward sentences but hard core information with attractive delivering sentences. Having Redesigning Humans: Choosing our genes, changing our future in your hand like obtaining the world in your arm, data in it is not ridiculous one. We can say that no guide that offer you world in ten or fifteen small right but this reserve already do that. So , it is good reading book. Hey Mr. and Mrs. active do you still doubt this?

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