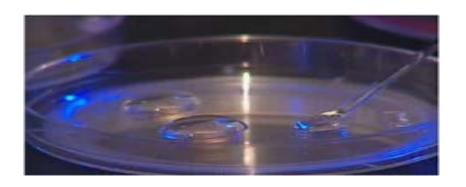




ORIGINAL SCORE COMPOSED AND CONDUCTED BY BERNARD HERRMANN

People, progress, & products

BYRD C





- §1. Why edit human genomes?
- §2. How we might edit human genomes?
- §3. Altering or choosing persons?
- §4. Why the argument about risk is a red herring...
- §5. Should we drink the enhancement kool aid?
- §6. Learning from obsolescence

Genome editing is for enhancement

Health?

("curing" genetic diseases)?



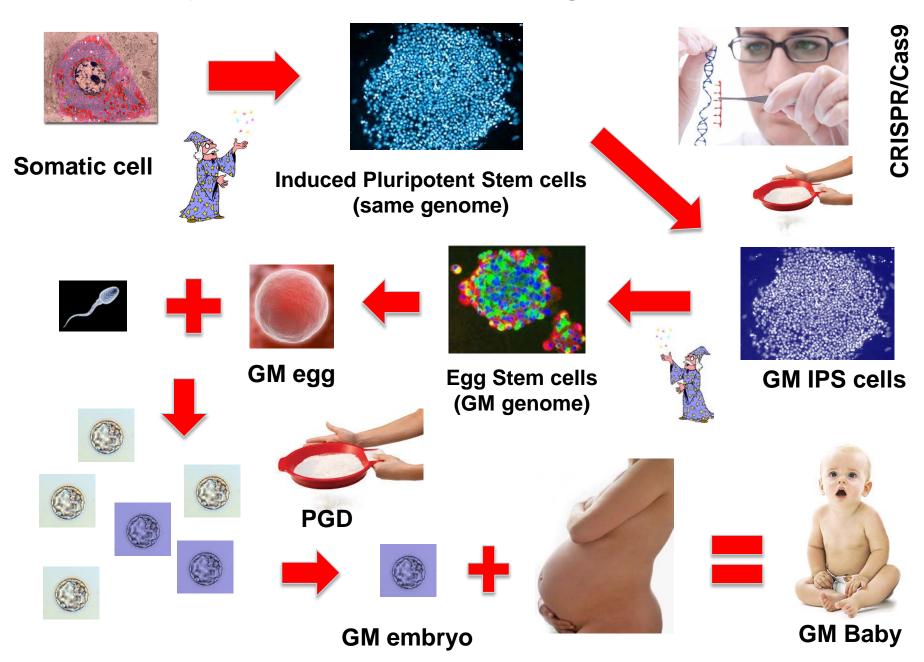
Human enhancement!



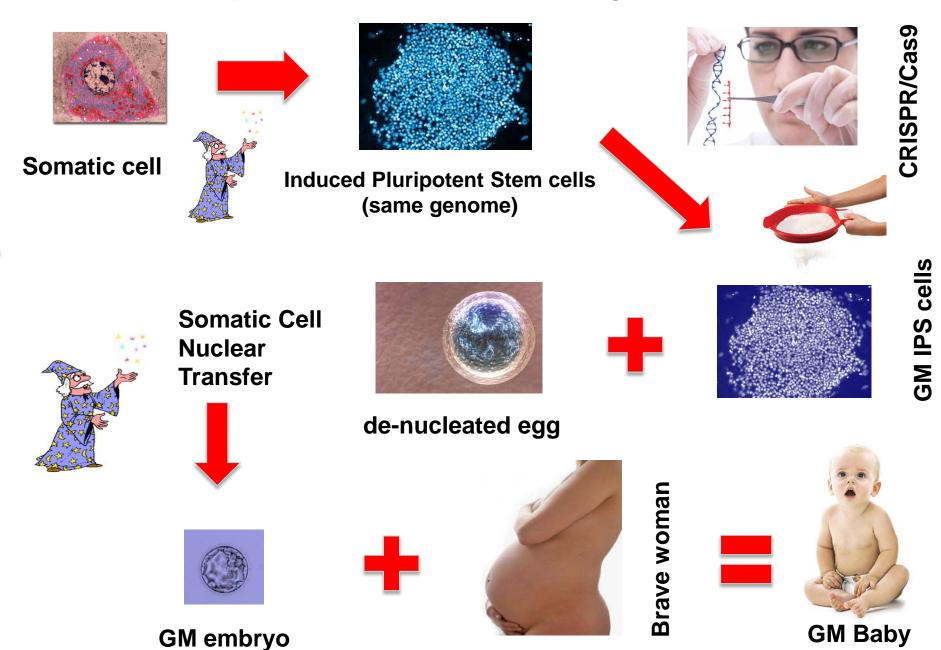
Genetic relatedness?



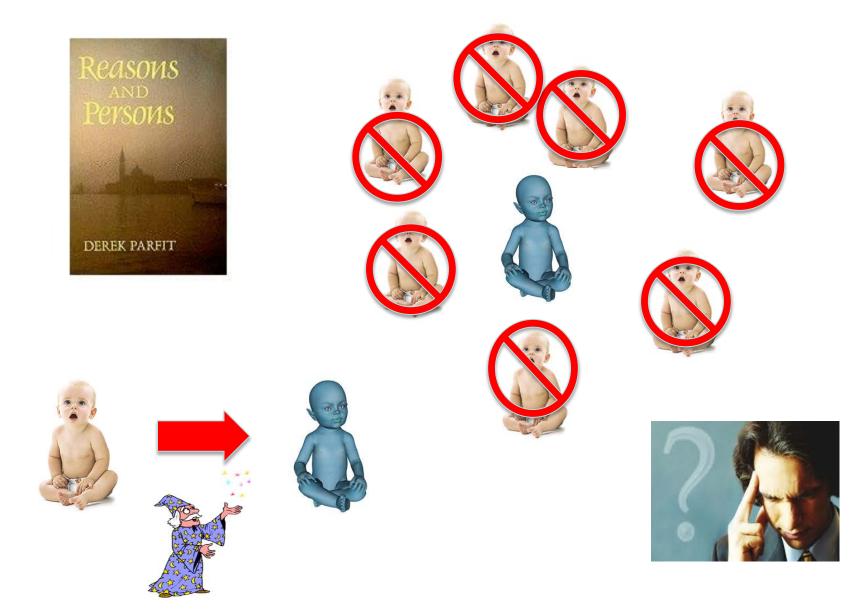
One way to edit the human genome...



Another way to edit the human genome...

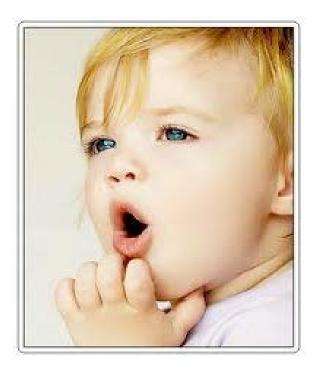


Altering persons or choosing them?



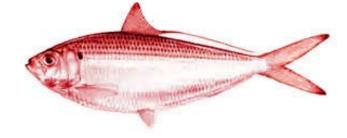
Would you have had a better life if your parents had a child five years younger than you in your place?





YES / NO

Why the argument about risk is a



- First use will inevitably be experimental
 - Risk of children being born with disabilities
- But this risk is endemic to reproductive technologies
 - We still don't know if IVF is safe
 - "Natural" pregnancy involves significant risks
- Coming into existence is risky!











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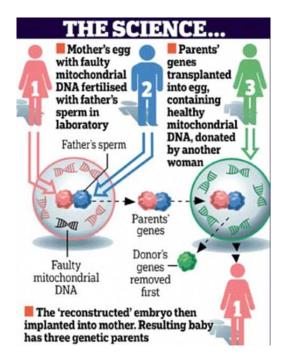
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Scientists cheer vote to allow three-person embryos

British decision could be a watershed to approving mitochondrial replacement technique in other countries.

Ewen Celleway

03 February 2015



Should we drink the enhancement kool aid?

- Genes + environment
- Multi-gene traits







Making people obsolescent?



Rapid progress in gene editing technologies

+

"One shot" enhancement

=> Obsolescence of enhancements

Learning from obsolescence?





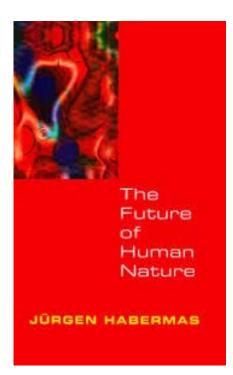


Sparrow, R. 2015.Enhancement and Obsolescence: Avoiding an "Enhanced Rat Race". *The Kennedy Institute of Ethics Journal* 25(3): 231–260, September. The social implications of obsolescence?



- People will spend most of their lives with obsolete enhancements
- Increased risk of option-regret for parents
- Contraction of the period of full powers
- Social stratification along generational lines
- Implications for the self-understanding of human beings?

Design, designers, and human freedom?



The power of the designers over the designed?

An empirical threat to freedom?

A political relationship?



NICHOLAS AGAR

LIBERAL E



Technics vs dialogue....





The temporal dimension of obsolescence?



- Enhancements are better
- Different "generations" of humans
- Obsolete people
- Implications for the self-understanding of human beings?

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