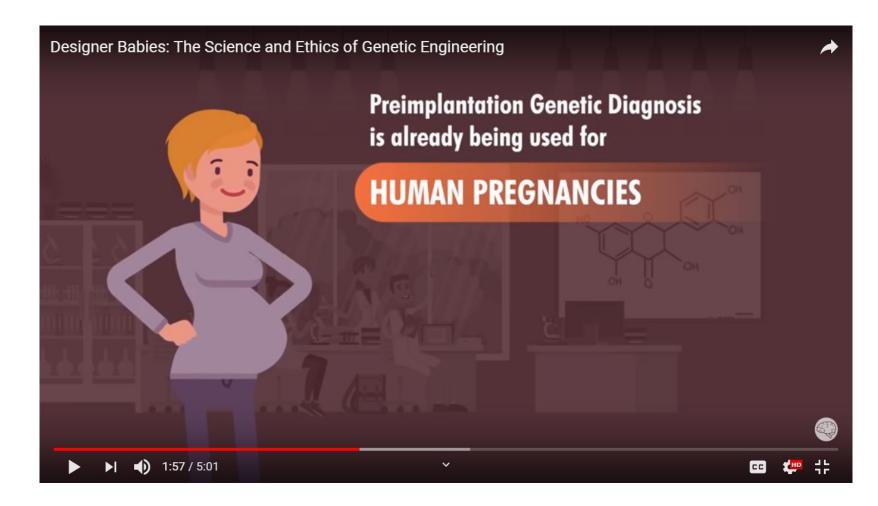
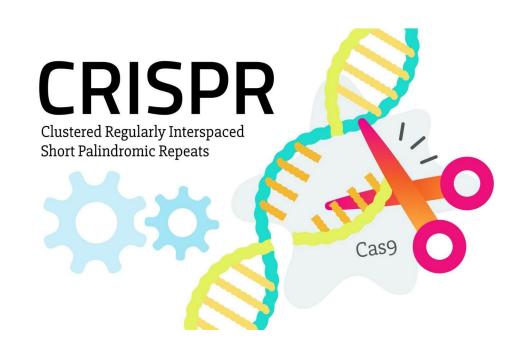
Designer Babies: The Science and Ethics of Genetic Engineering

https://www.youtube.com/watch?v=k1a2larfMIA



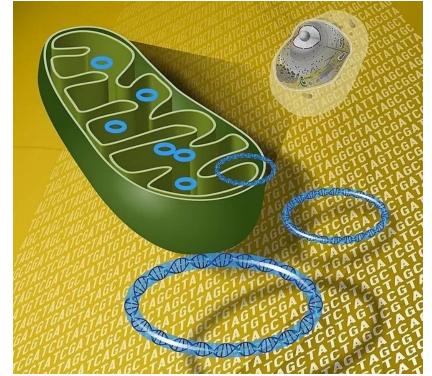
Designer Babies: The Science and Ethics of Genetic Engineering

- Involve manipulating fertilized eggs
- 1. PGD: Preimplantation Genetic Diagnosis
 - No gene editing
 - Choose from viable eggs
- **2. TALENTS:** Remove specific parts of DNA
- 3. CRISPR: Genetic modification
- Screening for disease is the most common, #2 and #3 is illegal in most nations



Designer Babies: The Science and Ethics of Genetic Engineering

- ✓ 3 Parents: 1 female donates mitochondrial DNA (mDNA)
- Issues/Concerns: (In China engineered embryos already developed)
 - 1. Superheroes?
 - 2. Reduced disease
 - 3. Terminated embryos
 - 4. Loss of individuality
 - 5. Expensive
 - 6. Other unpredicted consequences





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Designer Babies: The Science and Ethics of Genetic Engineering Video Recap

- 1. In one technology, 3 parents can "produce" a child. How?
- 2. What are the issues/concerns with this new technology?

