

“Buddhism: Bio-ethics and the Concept of Body”

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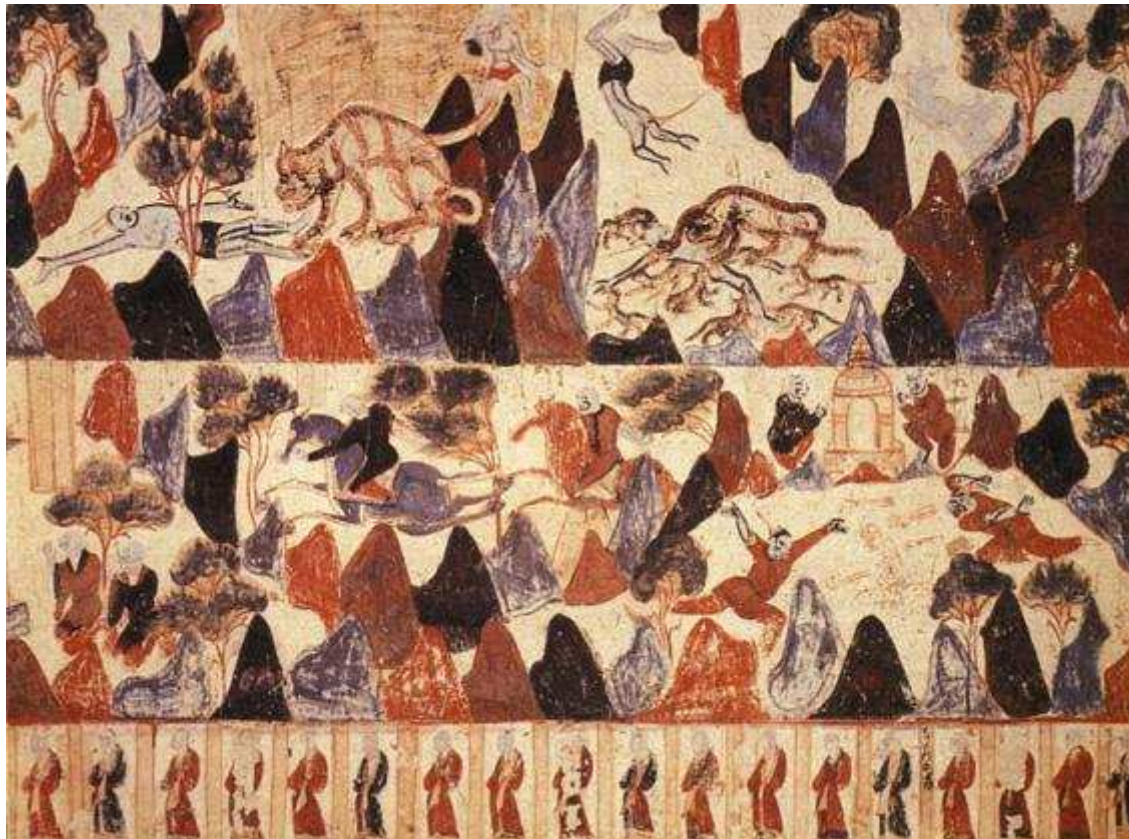
Animality

- Human as animal
- Ethical issues of habitat
- Animals as food



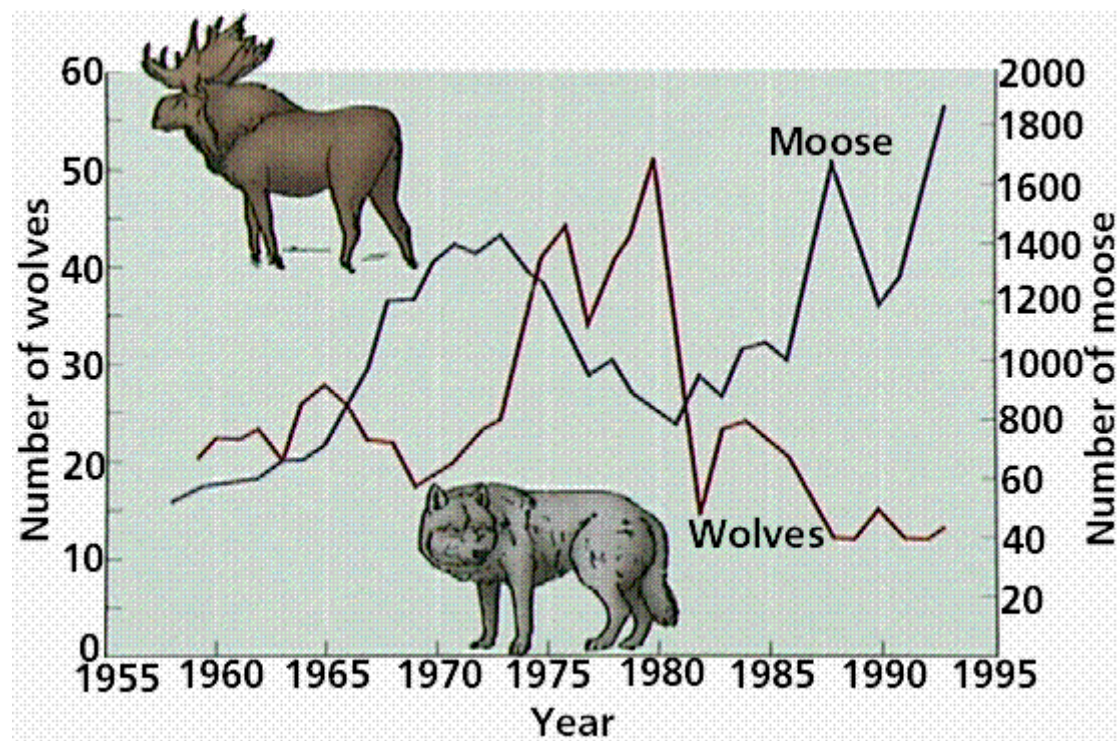
Hungry Tigress Jataka

- Sacrificing the body



King Sibi Jataka





Co-existence

- Cougar



Animal Karma



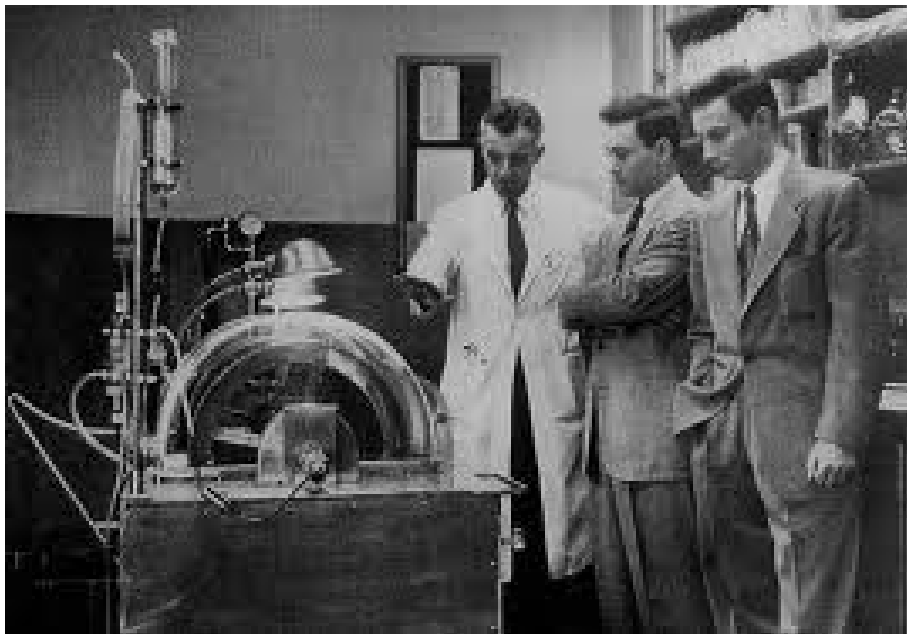
- Does an animal have Buddha Nature?

Human Body

- Ethics of new technology for preservation
- Who is chosen to live?

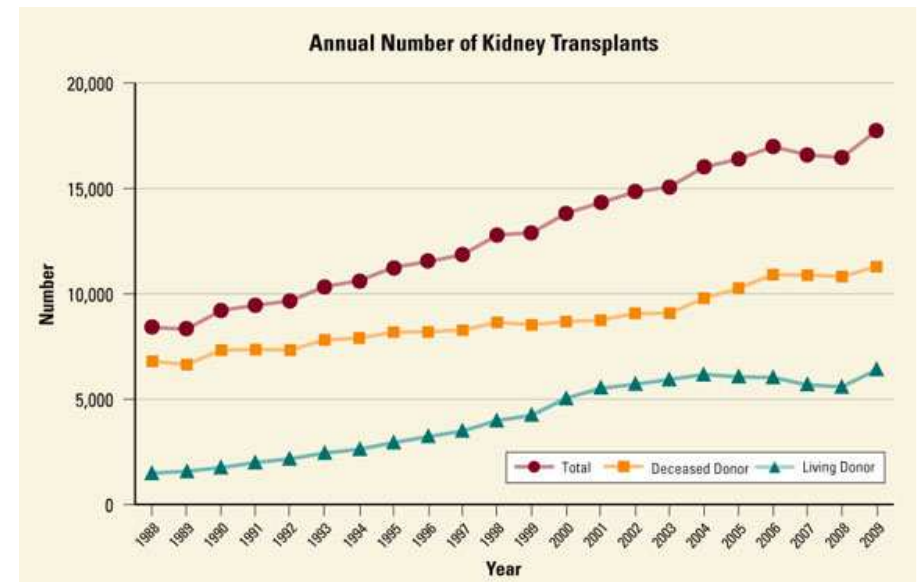
Kidney Transplant

- 1954

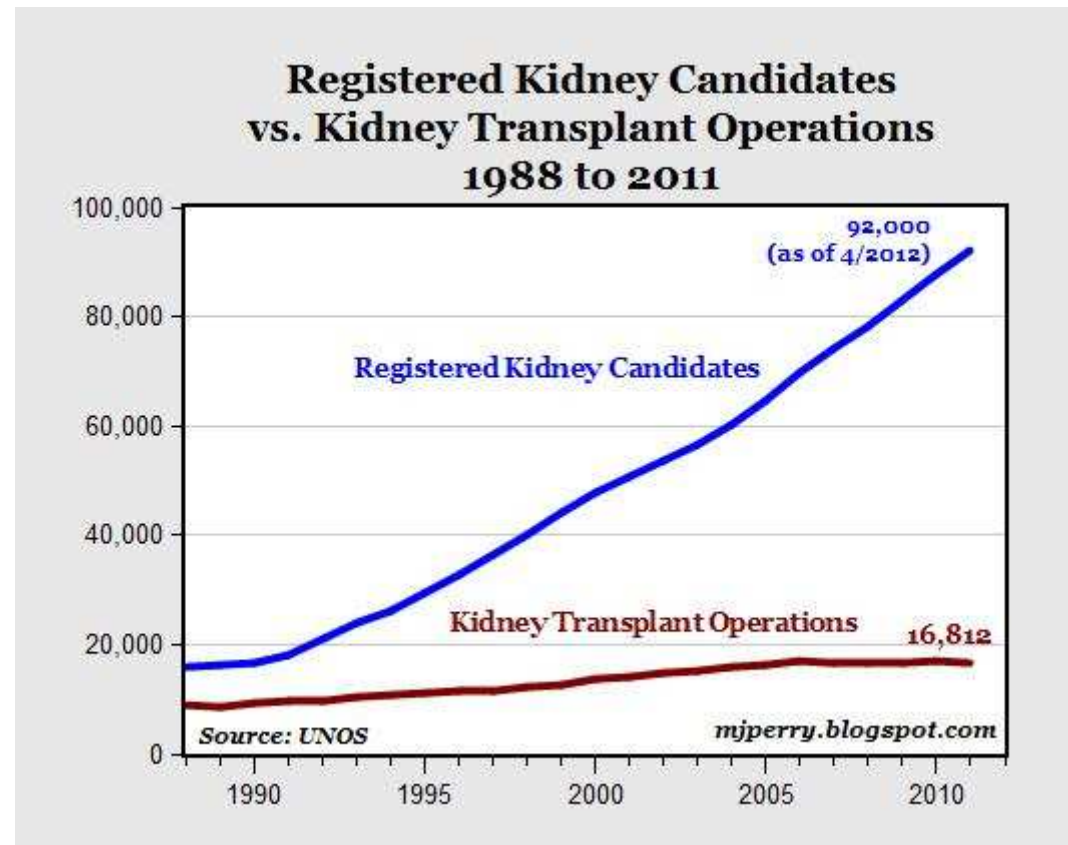


**MAN'S LIFE SAVED
BY TWIN'S KIDNEY**

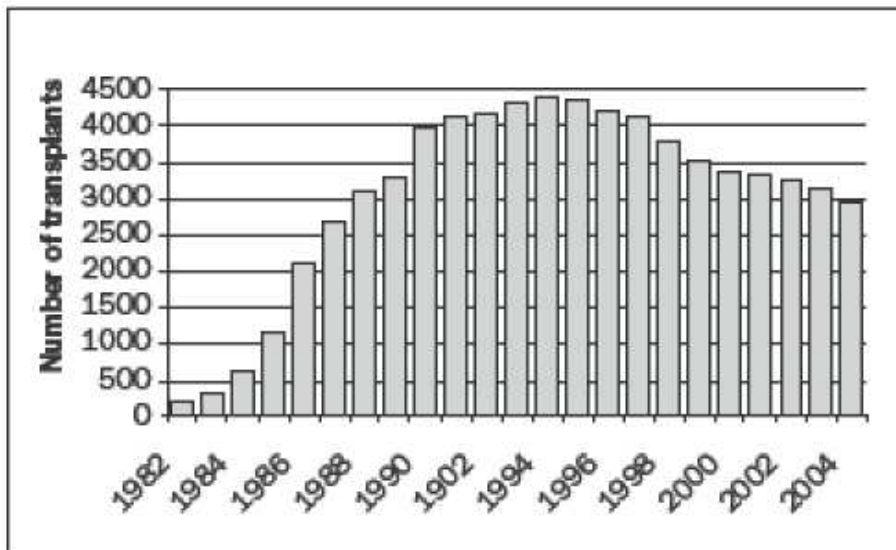
Identical Brother Furnishes
Organ in First Successful
Transplanting Surgery



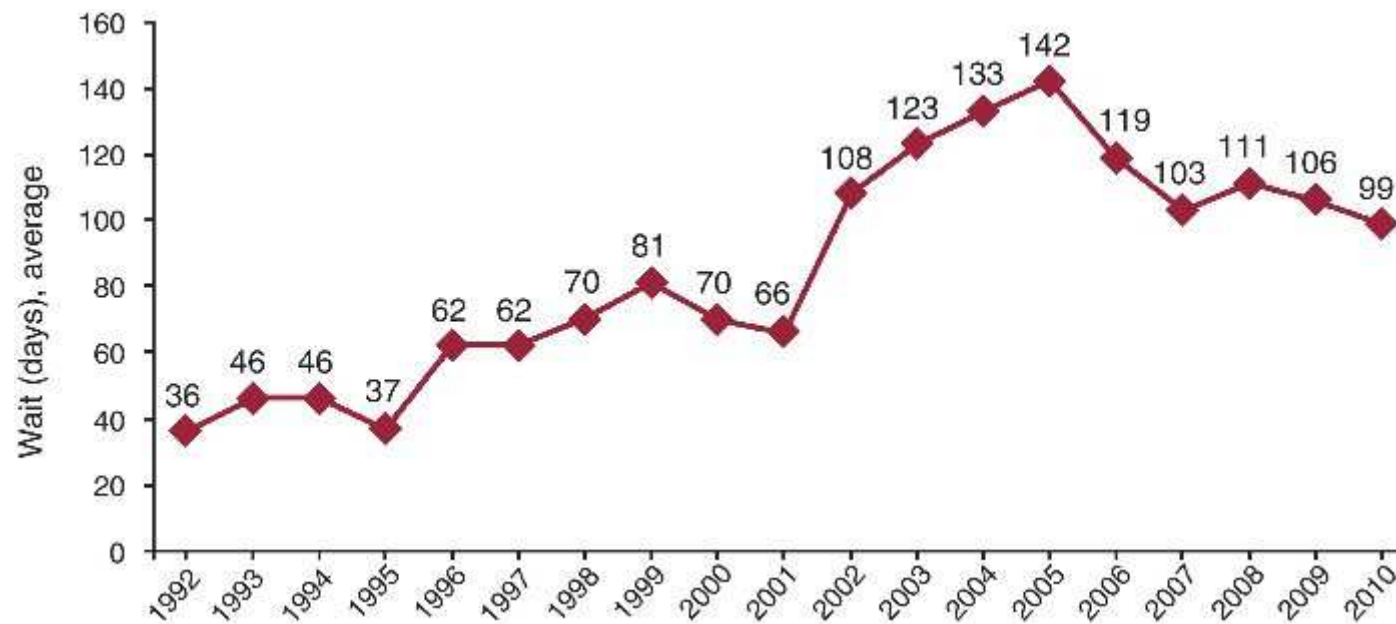
Organ as commodity



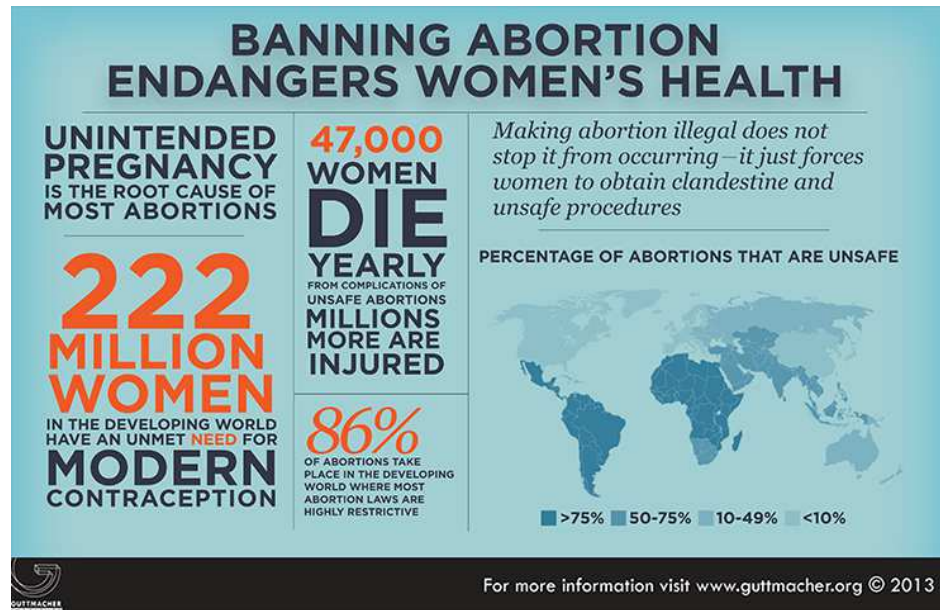
Unintended consequence of automotive safety



Wait time for Heart transplant



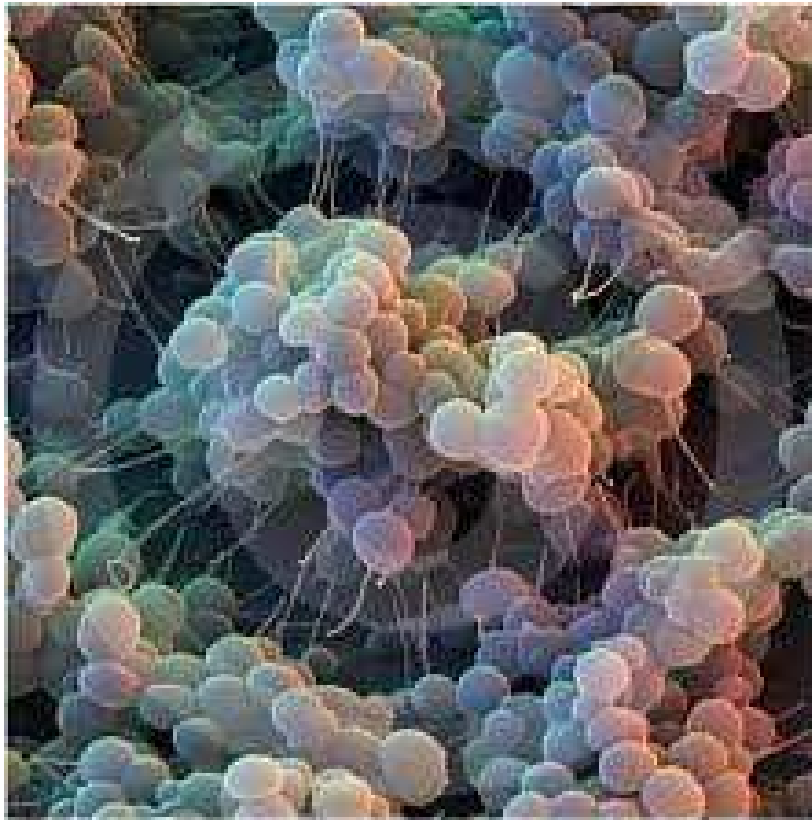
Abortion



The Body

- What is the nature of my body?
- Can I change my nature through bio-technology?

Microbes

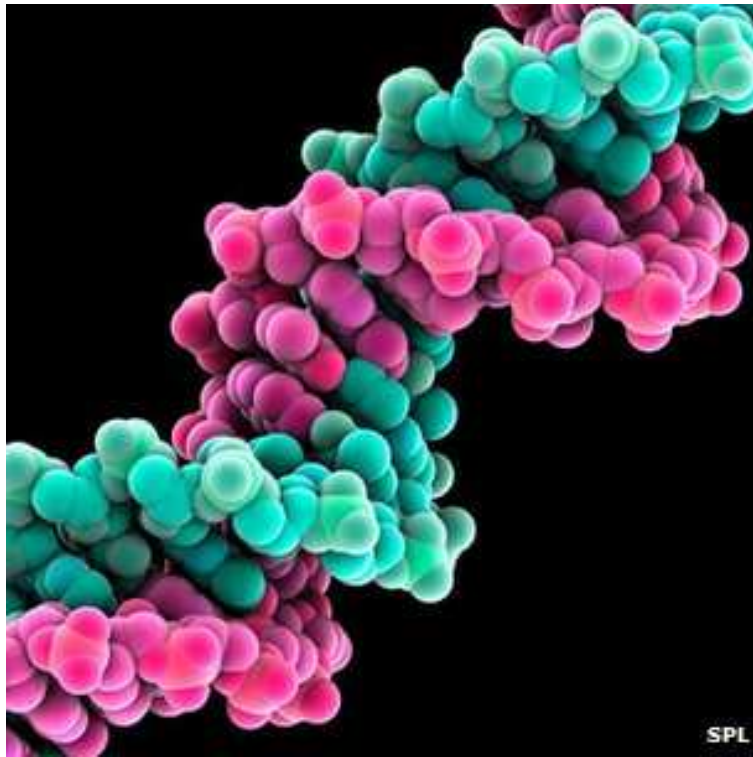


- There are ten times more bacteria than the number of cells in a human body...most in the gastrointestinal track

- Microbiome



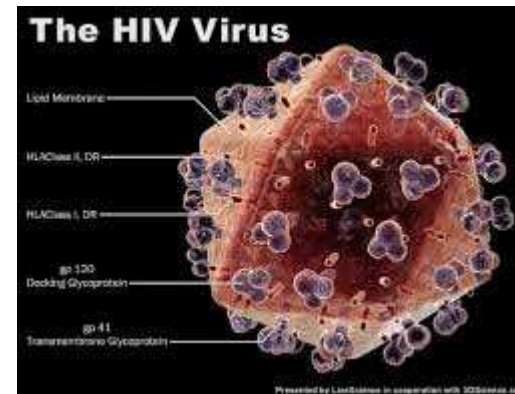
DNA



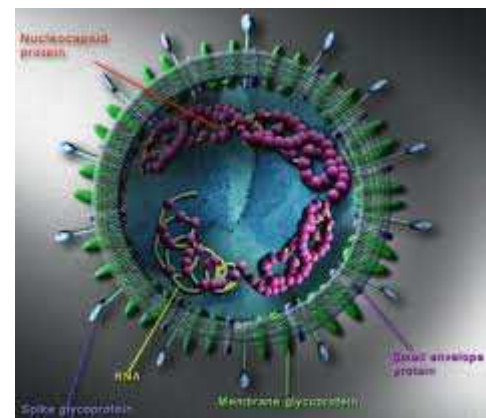
- Is this a picture of Karma?

Control of DNA

- Sequencing DNA
- HIV took five years
- SARS took 31 days



- SARS

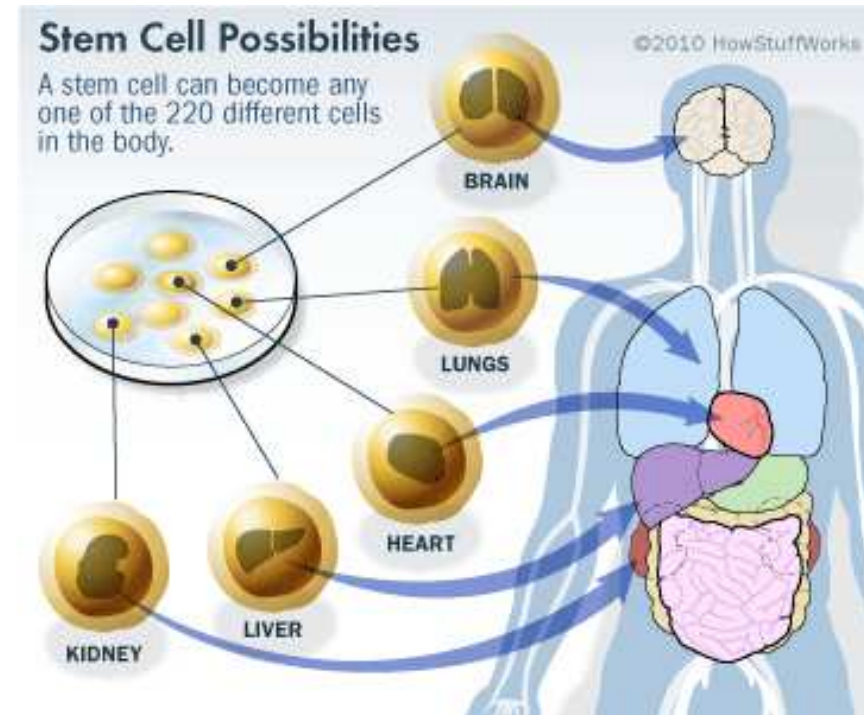
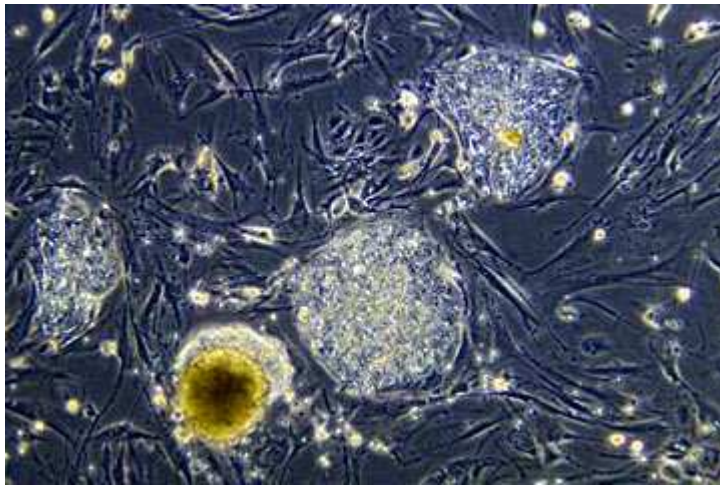


Cloning

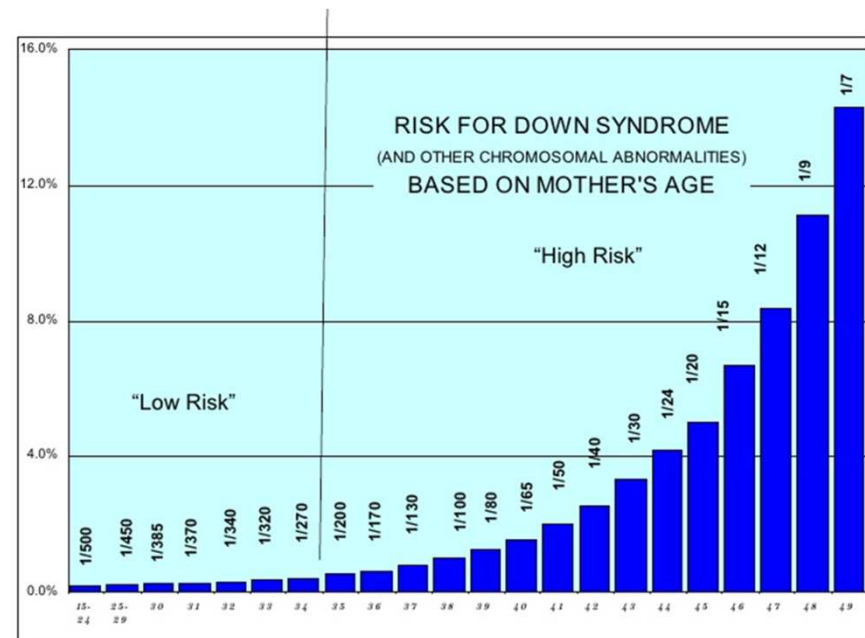
- Dolly



Stem Cells



Amniocentesis



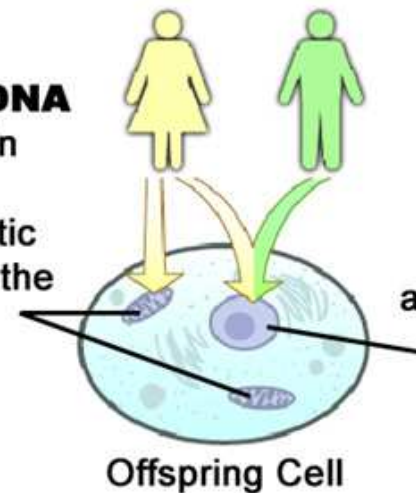
Mitochondria

- Energy driver for cells



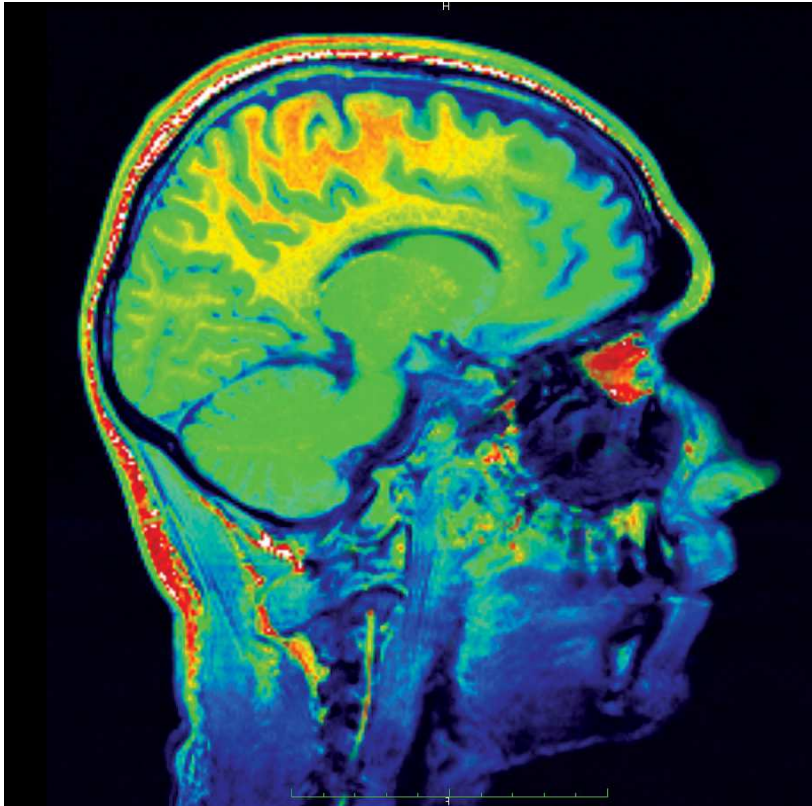
- If Mitochondria of mother is removed, what is the relationship to the child?

Mitochondrial DNA (mtDNA) is found in cell mitochondria and contains genetic material only from the **mother**.



Nuclear DNA (nuDNA) is found in the cell nucleus and contains genetic material from **both parents**.

Brain Research



neurological evidence that in the primate brain, object identification - deciding what an object is - and object location - deciding where it is - are handled separately.

Power of Human/Machine Civilization



Singularity

- Ray Kurzweil
- When humans transcend Biology
- Human Machine Civilization



