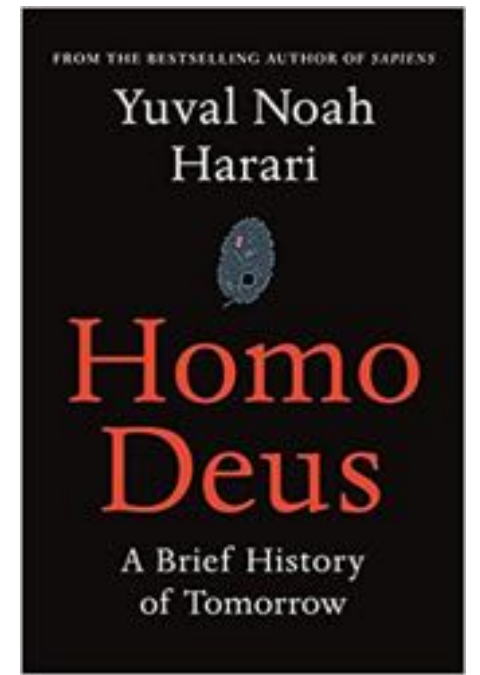
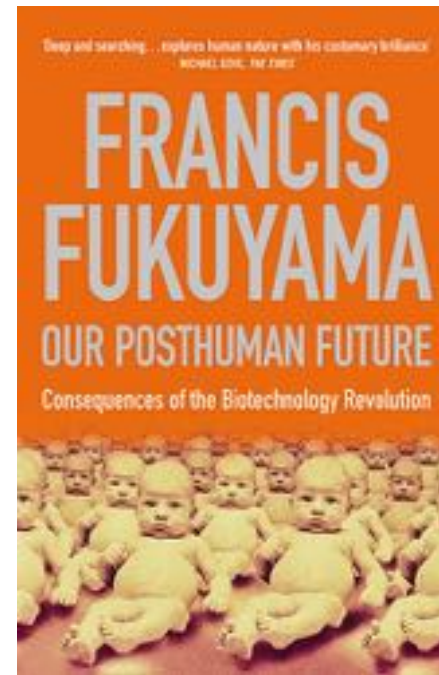
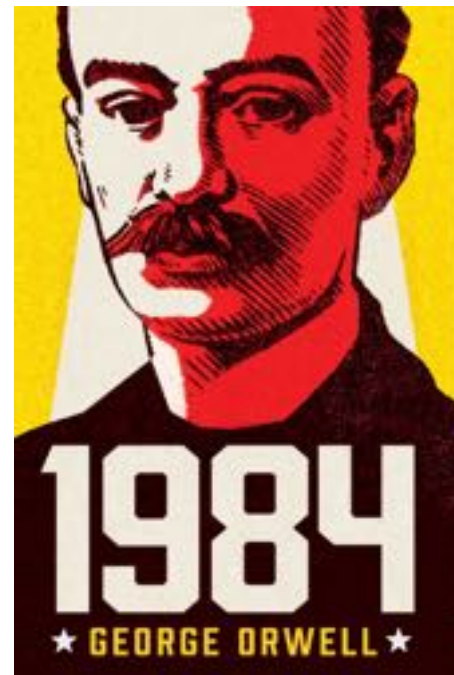


HUMANISM AND TECHNOLOGY

Future Pathway



Professor Sherif Delawar

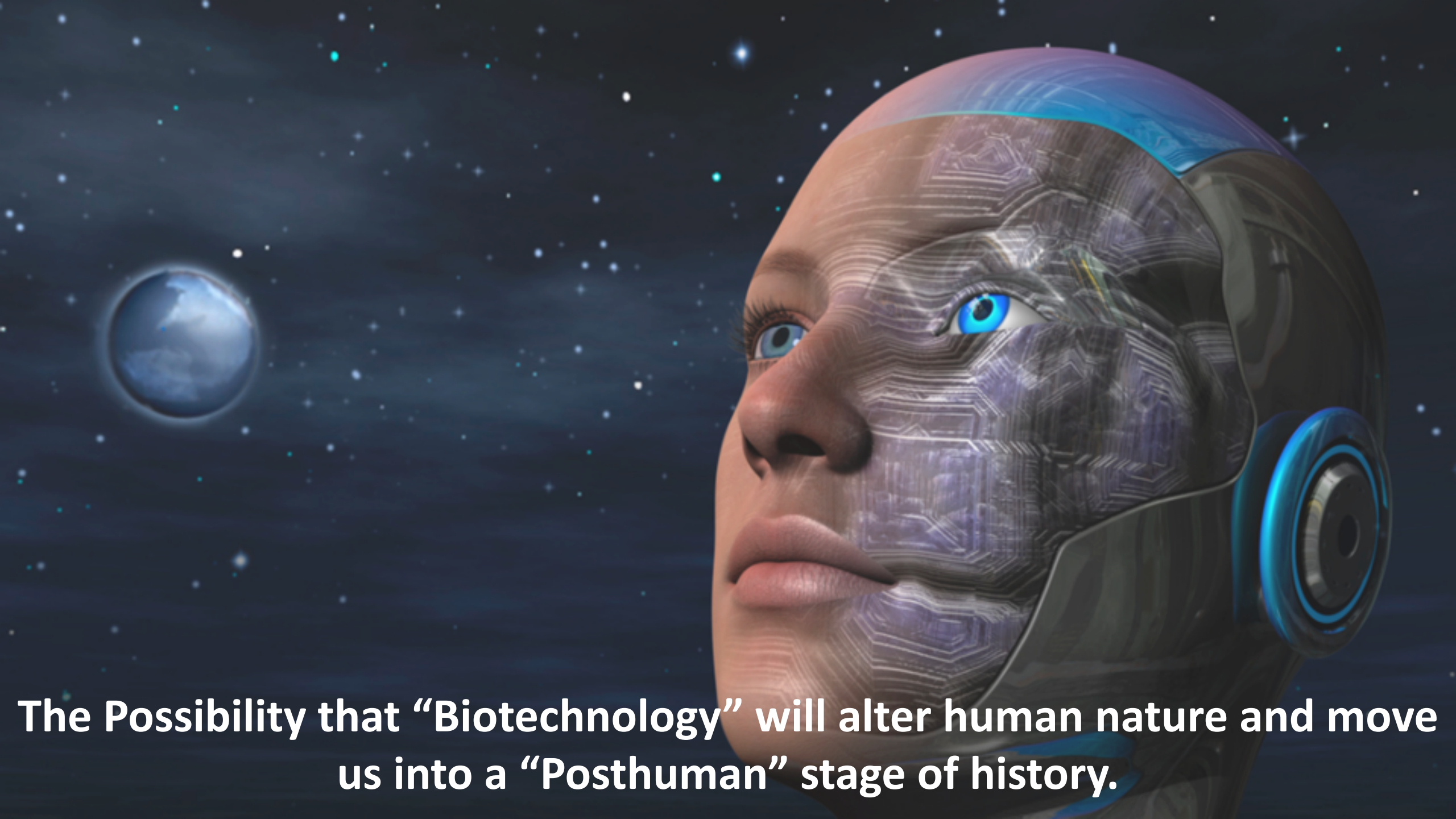


1932

1949

2002

2016

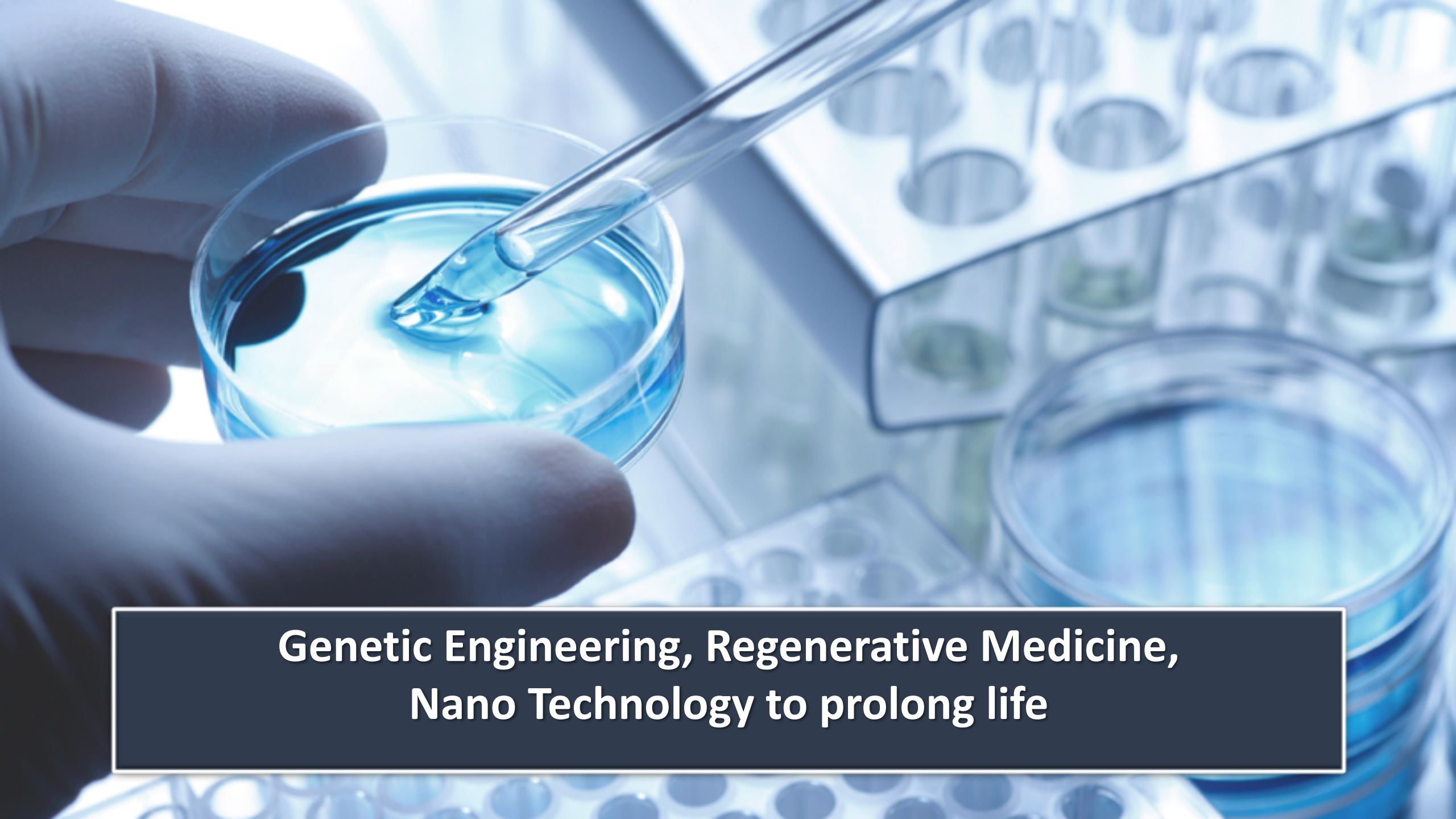


The Possibility that “Biotechnology” will alter human nature and move us into a “Posthuman” stage of history.

THE BIOTECH REVOLUTION

- Knowledge of the Brain and Sources of Human Behavior
- Neuropharmacology and the Manipulation of Behavior
- The Extension of Life Expectancy
- Genetic Engineering





**Genetic Engineering, Regenerative Medicine,
Nano Technology to prolong life**

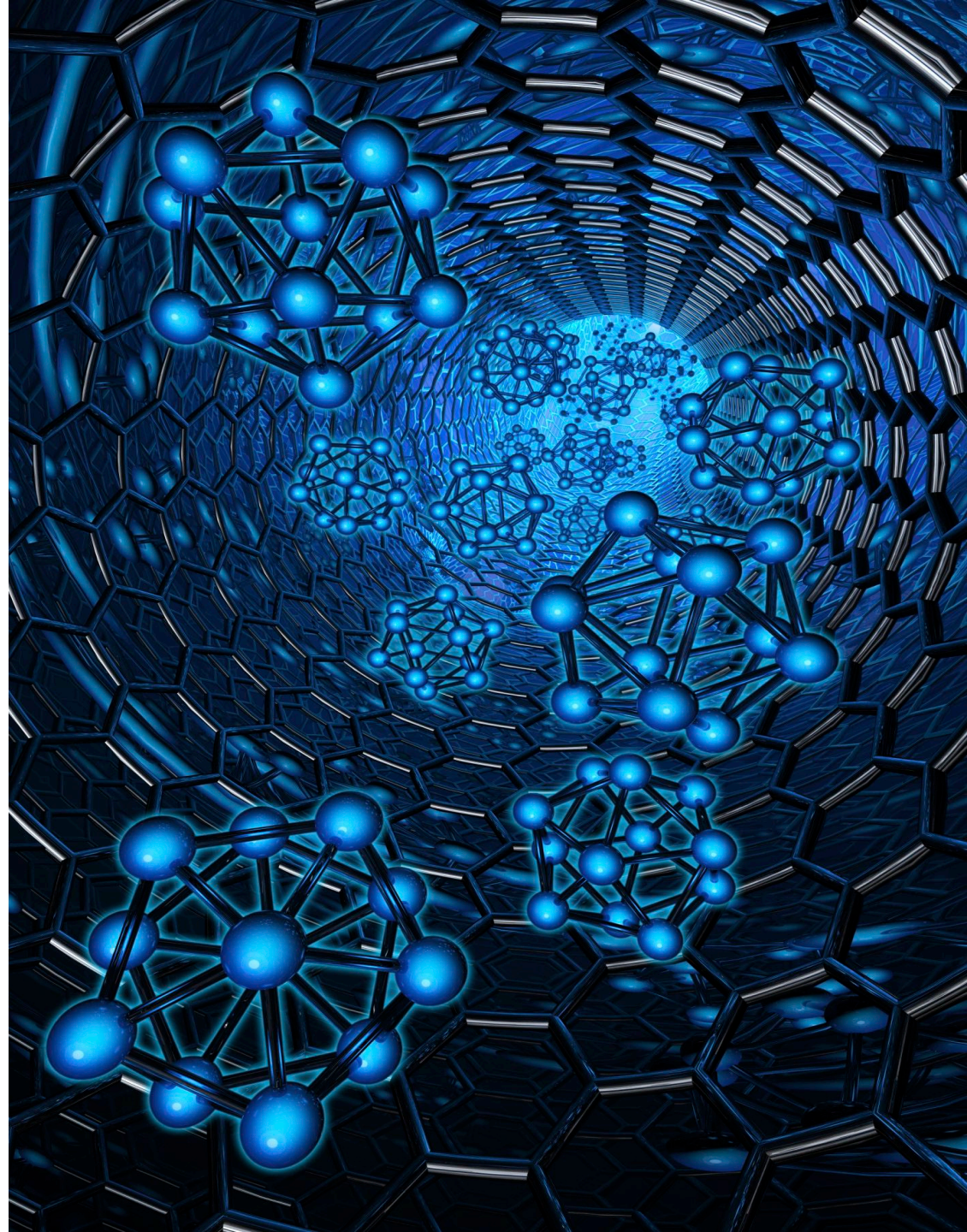
- **Google** in 2013 launched a sub company “Calico” with a mission to solve death
- **Google** is investing 36% of its \$2 billion portfolio in life sciences.





THE UPGRADING OF HUMANS

- **Biological Engineering**
(DNA – Hormonal System – Brain Structure)

- **Cyborg Engineering**
(Super abilities)



- 
- A hand is shown reaching out from the left side of the frame, with the index finger pointing towards a glowing, wireframe globe of the Earth. The globe is composed of a mesh of white lines and dots, set against a dark blue background with a bokeh effect of light spots. The overall scene is illuminated with a cool blue light, suggesting a digital or technological environment.
- **Artificial Intelligence, Nanotech, Big Data or Genetics**
“No one is expert in everything”
 - **Different fields influence each other**
 - **No Separate line separates “Healing from upgrading”**
 - **NOBODY knows where the brakes are !!**

The image features two clenched fists, one on the left and one on the right, pointing towards each other. The background is a dark blue field filled with glowing binary code (0s and 1s) and vertical blue light streaks. The overall aesthetic is high-tech and digital.

What should we do in response? So that the technology remains man's servant rather than his master?

The Challenge is not only "Ethical" but "Political"

A human hand on the left reaches towards a glowing blue robotic hand on the right. The background is a gradient of blue. The text is overlaid on the lower half of the image.

Humanism and Technology

Future Pathway

Sherif Delawar