



# BIOETHICS

# WHAT IS BIOETHICS?

BIO + ETHICS

- Biology – the study of living organisms
- Ethics – what is right and wrong, moral duty and obligation

# WHAT IS BIOETHICS?

- Bioethics – a discipline dealing with the ethical implications of biological research and applications especially in medicine

# HOT TOPICS

- Stem-cell Research
- Abortion
- Cloning
- Eugenics
- Designer Babies
- Genetic Engineering

# IMPORTANT TERMS

- Genes – a part of a cell that controls or influences the appearance, growth, etc., of a living thing. Genetic information is passed from parent to offspring
- Clone – a plant or animal that is grown from one cell of its parent and has exactly the same genes as its parents
- Eugenics – a science that tries to improve the human race by controlling which people become parents
- Embryo – a human or animal in the early stages of development before it is born, hatched, etc.
- Stem cells – a simple cell in the body that is able to develop into various kinds of cells (such as blood cells, skin cells, etc.)