

Study Guide for Fundamentals of Ethics

Chapter 17: Cloning and Genetic Engineering

1. Define cloning, differentiating between reproductive and therapeutic, and the type of cloning where the two are combined.
2. State several ethical objections to human cloning and possible responses.
3. Define genetic engineering.
4. Discuss ethical issues involving using human beings in scientific research.
5. Discuss several ethical issues which arise with the possibility of gene therapy.
6. Present ethical issues involving genetically modified plants and animals.
7. Explain genetic screening and discuss how this raises ethical issues involving privacy and conflicts of interest.
8. Formulate your own opinion on the ethical issues of cloning and genetic engineering.

Key Terms

Genetics	somatic cell nuclear transfer	cloning
Stem cells	pluripotent	playing God
Parthenogenesis	Human genome project	pharmacogenomics
Nutrigenomics	gene therapy	Frankenfoods
Transgenic	xenotransplantation	privacy
Genetic screening		