

Name _____

Genetic Engineering: Unleashing the Power and Perils of Science

Short Answer Key

1. One potential benefit is the ability to create stronger and pest-resistant crops in agriculture.
2. The major concern is that tampering with genes may lead to unintended ecological imbalances and problems.
3. The ethical question raised is whether we should be manipulating the genetic makeup of future generations and playing "genetic god."
4. The potential danger is the creation of designer babies with specific traits, which could lead to inequality and discrimination.
5. Genetic engineering can benefit the medical field by allowing scientists to alter genes to treat or prevent genetic diseases, offering the possibility of curing illnesses like cystic fibrosis through gene therapy.

