

Genetics and Biotechnology Report Guidelines

Written report:

Minimum length: 4 pages handwritten
single spaced,
OR
2 pages typewritten
double spaced
1 inch margins
12 point maximum

Reference page: minimum of 4 references
(only one encyclopedia)
A.P.A. or M.L.A. style

Topics: Choose one of the following topics below to research and write about.

1. Investigate why people are opposed to genetically engineered foods and what organizations support this stand. After researching both sides, give your opinion on the use of genetically engineered foods and back up your argument with facts and references.
2. Investigate the civil liberties of discrimination and invasion of privacy as they apply to the use of genetic information to determine eligibility for health insurance. After researching this issue, give your opinion on this topic and back your arguments with facts and references.
3. Investigate how biotechnology can be used to help the environment and how it might harm the environment. Give your opinion on the use of biotechnology for the environment's sake and back your arguments with facts and references.
4. Investigate how DNA fingerprinting has affected our judicial system. What are the pros and cons to using DNA fingerprinting? Give your opinion on the use of DNA fingerprinting and back your arguments with facts and references.
5. Investigate the different methods of cloning being developed. Discuss the pros and cons of cloning as it relates to human beings. Give your opinion on the use of cloning for human beings and back your arguments with facts and references.
6. Your grandfather has just been diagnosed with Huntington's disease. Research this disease, give an overview, then decide whether you would like to be tested for the presence of the Huntington's gene. Explain why you chose the course of action that you did and back your decision with referenced information.
7. The emergence of "superbugs" or antibiotic resistant bacteria is causing great concern in the medical establishment. Explain how bacteria are able to become resistant and the seriousness of the situation giving real life examples. Investigate the possible reasons for this emergence and what possible future solutions there might be. Reference your explanations and facts.