

Abiturprüfung Lesen/Schreiben: DNA Ancestry Tests (3.1) – Writing a blog entry

Redaktion Englisch



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AUF EINEN BLICK

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Prüfungsjahr:	2022
Anforderungsniveau:	Leistungskurs
Anforderungsbereich:	III
BE:	54
Material:	Zitat: Adam Rutherford: DNA ancestry tests may look cheap. But your data is the price. The Guardian, 10. August 2018.
Operator:	discuss
Themen:	global chances and challenges, science and technology, ethical issues, genetic engineering

Erwartungshorizont

reference to quote: exploring the potential of genetics is an ongoing process that has a profound impact on scientific and social developments

opportunities applications of genetic engineering in various fields such as research, medicine and agriculture offer solutions to human problems:

- treatment of and cure for hereditary diseases, better public health
- treatment of infertile couples
- higher harvest output, solving global food problems
- better protection of global ecosystems, an endangered species challenges
- large companies using GE patents to gain market dominance, driving small farmers out of business
- creation of new dangers by genetic modification:
 - new or more harmful viruses or bacteria, possibly resistant to antibiotics
 - new allergens in food supply
 - new breeds as threats to existing ecosystems
- ethical and moral concerns, for example about babies whose genetic makeup has been selected or altered

conclusion: need for international regulations, cooperation and monitoring

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