

Name _____

Unraveling Mysteries: The World of Geneticists

Short Answer Key

1. Geneticists diagnose and treat genetic disorders by analyzing DNA, conducting genetic tests, and providing counseling to individuals and families.
2. Data analysis helps geneticists identify genetic patterns, mutations, and associations with specific conditions, aiding in their research and diagnosis.
3. Genetics can influence an individual's response to medication by determining how their body metabolizes drugs, potentially leading to personalized treatment plans.
4. Geneticists study specific traits by examining patterns of inheritance, identifying associated genes, and conducting research to understand the genetic basis of these traits.
5. Ethical considerations in genetics include privacy concerns, genetic discrimination, and the responsible use of genetic technologies.

