

Genomics & Ethics

Biology

What genomic data enables, and the questions it raises.

Educational reference on the main ethical dimensions.

Applications

Diagnosis of rare disease

Pharmacogenomics — drug response

Cancer profiling

Carrier and prenatal screening

Ancestry and population genetics

Concerns

Privacy — data identifies relatives too

Insurance and employment discrimination

Incidental findings

Consent for future unspecified uses

Ancestry databases used in criminal investigations

Educational reference. Your genome contains information about relatives who never consented, which is unique among personal data.