

Selected topics in genetics & personalized medicine

Genetic testing

The Human Genome Project led to the discovery of thousands of disease genes. Genetic testing can help patients determine disease risk and the likelihood of passing on or inheriting certain disorders.

Learn more about genetic testing and how to use this information in your practice.

Genetic discrimination

Genetic testing is expected to become a routine part of patient care in the future, but unless this DNA information is protected, the potential grows for discrimination against people based on their genetic information.

Understand more about genetic discrimination.

Gene patenting

Gene patenting is a broad term referring to the patenting of genetic sequences such as DNA and RNA, and to alternative forms of DNA such as cDNA (complementary DNA).

Learn more about gene patenting and its impact on patient care.

Direct-to-Consumer genetic testing

Direct-to-Consumer (DTC) genetic tests are marketed and sold directly to consumers, and do not require the assistance of a physician or other health care provider to obtain or interpret.

Learn about DTC genetic tests.

Precision medicine

Precision medicine is a tailored approach to health care that accounts for the individual variability in the genes, environment and lifestyle of each person.

Learn more about precision medicine and the President's Precision Medicine Initiative.