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The Human Genome Project was just the beginning





Now we're bringing the power
of genomics to every lab,
transforming science forever

Exploring Human Biology

We conduct basic research and develop technologies to better understand the human genome and the role it plays in human health and disease.

We fund and support world-class, interdisciplinary research teams who are tackling increasingly complex scientific challenges.

We ensure that researchers far and wide have access to shared tools and data to translate genomic information into health discoveries.

We train scientists and clinicians to make the breakthroughs of tomorrow.

The **Forefront**
of **Genomics**[®]



Improving Patient Care

Genomic Medicine

We are building tools, resources, and knowledge so that clinicians can use the information in our genomes to personalize care for every patient.

Rare Diseases

Our clinical researchers are bringing hope to patients and families by using genome sequencing to diagnose rare diseases.

Common Diseases

Our research programs are providing new insights about common diseases, such as heart disease and diabetes, defining new research directions for improving diagnostic tools and therapies.

Enabling Health Professionals

Through research and educational programs, we support efforts to ready front-line health professionals to use genomics in routine clinical care.

Advancing Genomics in Society

As the benefits of genomics research are realized, science and society can intersect in complicated ways. Our experts are at the leading edge of understanding the ethical, legal, and social issues arising from genomic advances.

Through community engagement activities and partnerships, NHGRI is helping improve genomic literacy and prepare for a future in which genomic information is part of everyday life.

We are a trusted source of up-to-date scientific information to help people understand genomics, including resources for teachers and students.

Genomics research that involves a diverse mosaic of research participants and perspectives is helping us to understand ourselves and to address health disparities. NHGRI experts contribute to policies supporting responsible genomic data sharing to enable scientific discovery while respecting and protecting human research participants.





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