At GSK, we are poised to transform drug discovery by taking a deeper look into the genetic clues behind disease, aided by large-scale genetic resources, the latest technology and advanced data science skills.

Our new approach to R&D has at its core science related to cancer and to the immune system, and will leverage Human Genetics, Functional Genomics and advanced analytics to improve the probability of successfully developing new medicines.

We are using human genetics to generate new insights, and selecting targets that have a high degree of validation based on human genetics. To identify the next generation of first-in-class targets, we will leverage our exciting collaborations with 23andMe, FinnGen, UK Biobank, Open Targets and The Altius Institute, amongst others. This shift to a genetics-driven portfolio in a disease agnostic manner will result in a portfolio of robust lead candidate molecules with a higher probability of success.

Join our team
We are currently building our capabilities in Functional Genomics and Human Genetics at GSK. As we continue to grow both functions and invest in both teams, we are hiring a range of scientists including: Geneticists, Statistical Geneticists, Computational Biologists, Genomic Experts, Cell and Tissue Experts and Gene Editing experts – all at a variety of levels in newly created positions!

GSK has been helping millions of people do more, feel better and live longer for over 300 years.

Our goal is to be one of the world’s most innovative companies, delivered by people who are proud to say they work in R&D at GSK. Can you see yourself getting onboard at the forefront of this technology revolution?

Are you passionate about helping patients, have the courage to take smart-risks, and have ambitions to develop and grow in a company where you will be supported?

To apply and see all available positions please go to gsk.com/careers and search for ‘GSKGenetics’
Join us

If you are an expert in one of the fields below, we have a role for you. Our vacancies regularly include opportunities for:

Human Genetics

**Computational Biologists**
You will develop and implement computational approaches to translate human genetic evidence to inform target selection and validation decisions across a range of disease areas.

**Geneticists**
You will apply state of the art genetic knowledge to drive decision making across the GSK pipeline, working in partnership with scientists in Human Genetics and in the broader Research organisation, to generate biological insights that will translate into innovative new medicines for patients.

**Statistical Geneticists**
You will develop and implement approaches to acquire, analyse, interpret and apply human genetic evidence to inform target selection and validation decisions across a range of disease areas.

Functional Genomics

**Translational Biologists**
You will be responsible for or contribute to the conceptual design and development of functional genomics target identification campaigns at scale. These include the development of disease-relevant cellular model systems, perturbing these systems with genetic tools, and the analyses and interpretation of the resulting data sets. This scientist will have the opportunity to work on multiple therapeutic areas of interest to GSK.

**Genomics and Sequencing Experts**
You will be responsible for the conceptual design and execution of genomics and sequencing studies in disease-relevant systems for target discovery, validation and pathway studies of critical importance to the GSK pipeline. These can be conducted at the single cell scale and beyond.

**Computational Biologists**
Your primary focus will be to develop and use innovative computational biology methods for the analysis of functional genomics data to impact projects in the GSK’s drug discovery and development pipeline.

Scan here to learn more!