

Pharmacogenomics Research Network (PGRN)

The Pharmacogenomics Research Network (PGRN) is a network of scientific groups focused on understanding how a person's genes affect his or her response to medicines. PGRN investigators, individually and collectively, will:

- Implement studies in basic, translational, and clinical science to advance the scientific vision;
- Develop novel experimental methods and tools to solve pharmacogenomic problems;
- Share data and, where feasible, biological samples in collaborations;
- Foster cross-disciplinary teams for discovery and dissemination of new information;
- Build effective partnerships and alliances with key stakeholders outside the PGRN;
- Engage related disciplines to advance the application of pharmacogenomic knowledge;
- Work together to make the network become more than the sum of the parts.

The knowledge base offers information as a research tool and will:

- Collect and disseminate knowledge about the impact of human genetic variation on drug responses;
- Curate and display primary genotype and phenotype data;
- Annotate gene variants and gene-drug-disease relationships via literature reviews;
- Summarize important pharmacogenomic genes and drug pathways;
- Enable consortia examining important questions in pharmacogenomics.