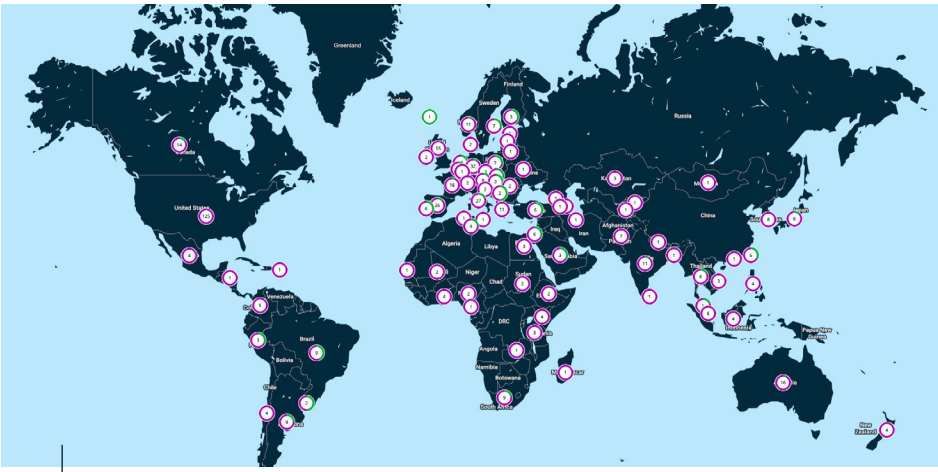
Integrated Genotyping, Sequencing, and Clinical Data from Global Cohorts

Global Parkinson's Genetics Program (GP2) data are available to qualified researchers and clinicians in academia and industry worldwide. These data will accelerate the discovery of new genes linked to monogenic Parkinson's disease (PD) and new risk loci associated with disease susceptibility. They can also provide insights into disease prediction, disease modifiers, clinical variation, and environmental contributors to PD.



GP2's cohort dashboard shows the progress of the global effort to collect and genotype >250,000 diverse samples.

Dissecting the genetic architecture of Parkinson's disease is critical to identifying therapeutic targets

The Aligning Science Across Parkinson's (ASAP) initiative's Global Parkinson's Genetics Program (GP2) is an ambitious program to further understand the genetic architecture of PD through genotyping diverse and underrepresented populations, expanding research into atypical and prodromal forms of PD; and securely and openly sharing data and resources with researchers worldwide.

Frequently Asked Questions:

Q. Who is involved in GP2?

A. GP2 membership is made up of both new and existing research cohorts contributed by investigators across the world. We are committed to global collaboration with members contributing more than 418 cohorts in over 87 unique locations across six continents.

Q. Where can I access GP2 data?

A. Data is accessed through the Accelerating Medicines Partnership in Parkinson's Disease (AMP® PD) Program platform. Learn more about how to access the data at *www.gp2.org/dataaccess*.

Q. What data is shared?

A.
- Summary statistics
- Raw and imputed genotype data
- Harmonized clinical data
- Whole-genome sequencing and clinical exome data

Q. When is data shared?

A. GP2 will roll out data releases as genotyping and sequencing are completed; access available data today and check back often for updates. You can see our progress to date at *www.gp2.org/cohort-dashboard/*.

Follow the QR code to explore GP2's cohort dashboard, learn how to access the data, and access this information in other languages.

There is still much to learn about genetic risk factors, and the path to further understanding requires working collaboratively and openly sharing data, processes, and results.

To learn more about becoming a GP2 member, please contact **cohort@gp2.org.**