

# Parkinson's Repository of Biomarkers and Networked Datasets

<https://neurodegenerationresearch.eu/cohort/parkinsons-repository-of-biomarkers-and-networked-datasets/>

## Cohort Acronym

PRoBaND

## Cohort type

Neurodegenerative disease-specific cohort

## Disease

Parkinson's disease

## Participant type

At-risk diagnosis, Condition diagnosed, No diagnosis

## Profile

Recruitment Period 2012-2017

Sample size at start or planned sample size if still recruiting 2,614

Estimated Current Sample Size 2,614

Age at Recruitment

Gender Male and Female

Abstract

Tracking Parkinson's, or the PRoBaND study, is a UK-based study of Parkinson's disease funded entirely by Parkinson's UK.

There is a wide variation of symptoms and features of Parkinson's driven by both genetic and external factors. Our study aims to define and explain these variations by analysing the clinical expression of Parkinson's in relation to genotypic variation. Tracking Parkinson's is a multi-centre prospective longitudinal study, informed by epidemiological and biomarker data.

Participants were recruited into three categories:

- Recent onset patients (diagnosed within the last three years) are followed up at 6-month intervals for four years, then every 18-months for a further three years.
- Early onset (patients diagnosed before the age of 50) were followed up at one year.
- Relatives (siblings) of the participants are followed up after three years.

Since 2012, we have been running at 70 sites across the UK. Recruitment closed in November 2017 and our cohort consists of 2,270 people with Parkinson's and 344 of their siblings.

[NHS Greater Glasgow & Clyde](#) is the study Sponsor and the coordinating study centre is based at the [Institute of Neuroscience & Psychology](#) at the University of Glasgow in Scotland.

Country United Kingdom

**Contact details**

Institution name University of Glasgow

Website [www.trackingparkinsons.org.uk](http://www.trackingparkinsons.org.uk)

Principal Investigator (PI) Donald Grosset

Contact email [tracking-parkinsons@glasgow.ac.uk](mailto:tracking-parkinsons@glasgow.ac.uk)

Contact phone number Tel: +44 0141 330 2058

Funders (Core support) Parkinson's Disease UK

**Variables Collected**

**Brain related measures:**

N/A

**Functional rating:**

Caregiver, Individual physiological

**Anthropometric:**

Blood pressure, Height, Weight

**Physical:**

N/A

**Biological samples:**

Blood

**Genotyping:**

Gene screening

**Brain imaging:**

N/A

**Brain banking:**

N/A

**Lifestyle:**

Dietary habits, Physical activity

**Socio-economic:**

Ethnic group, Family circumstances, Marital status

**Health service utilisation:**

Formal health and social care service utilisation including private care