

# LRRK2 Cohort Consortium

<https://neurodegenerationresearch.eu/cohort/lrrk2-cohort-consortium/>

## Cohort Acronym

LCC

## Cohort type

Neurodegenerative disease-specific cohort

## Disease

Parkinson's disease

## Participant type

At-risk diagnosis, Condition diagnosed, No diagnosis

## Profile

Recruitment Period 2011-2015

Sample size at start or planned sample size if still recruiting

Estimated Current Sample Size

Age at Recruitment

Gender Male and Female

Abstract

The LRRK2 Cohort Consortium (LCC) comprises three closed studies: the LRRK2 Cross-sectional Study, LRRK2 Longitudinal Study and the 23andMe Blood Collection Study. The LCC followed standardized data acquisition protocols, and clinical data and biological samples are stored in a comprehensive Parkinson's database and biorepository, respectively. A total of 1,213 Idiopathic PD subjects, 1,168 PD subjects with genetic mutations in LRRK2, 1,123 unaffected subjects with genetic mutations in LRRK2, and 779 Healthy Controls (HC) were recruited.

Country Canada, China, France, Germany, Israel, Norway, Spain, Tunisia, USA

## Contact details

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## Variables Collected

### Brain related measures:

N/A

### Functional rating:

Individual physiological, Individual psychological

### Anthropometric:

Blood pressure

**Physical:**

Cardiovascular, Musculoskeletal, Reproductive, Respiratory

**Biological samples:**

Blood, Cerebral spinal fluid (CSF), Other, Urine

**Genotyping:**

Gene screening

**Brain imaging:**

Magnetic resonance imaging (MRI), Positron emission tomography (PET) fluorine18 flurodeoxyglucose (FDG), Single photon emission computerised tomography (SPECT)

**Brain banking:**

N/A

**Lifestyle:**

Alcohol, Dietary habits, Physical activity, Smoking

**Socio-economic:**

Education, Ethnic group, Family circumstances

**Health service utilisation:**

N/A