Predicting dementia in Parkinson’s: A genotypic and phenotypic study

https://www.neurodegenerationresearch.eu/survey/predicting-dementia-in-parkinsons-a-genotypic-and-phenotypic-study/

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Country

United Kingdom

Title of project or programme

Predicting dementia in Parkinson's: A genotypic and phenotypic study

Source of funding information

Parkinson's UK

Total sum awarded (Euro)

€ 236,625

Start date of award

01/06/2014

Total duration of award in years

3

Keywords
Research Abstract

This award is an extension to the ICICLE-PD study. The primary aims are to determine phenotypic and genotypic markers to identify people with Parkinson’s at high risk of developing dementia, and to better understand the anatomical, biochemical and genotypic mechanisms determining the transition from Parkinson’s disease (PD) to dementia associated with PD (PDD).

These aims have clinical relevance but will also provide an essential platform for improved targeting of future drug treatments for cognitive impairment associated with PD. Our baseline cohort comprises 263 people with incident PD and 100 age-matched controls. Each participant

has undergone a range of tests and assessments at baseline and is being reviewed every 18 months. The reason for the extension is to provide additional time for more study participants to reach the end-point of dementia (or death) which will greatly enhance the power and significance of this study.

Whilst some results from ICICLE-PD will validate (or otherwise) previous findings from other studies our dataset is unique in terms of its size, the fact that it encompasses two distinct geographical areas, enrols patients at diagnosis, and its depth and breadth of assessments including cerebrospinal fluid, imaging, neurophysiological, detailed gait and sleep analysis. Ultimately, clinicopathological correlation will also be possible, since brain tissue donation is being requested routinely.

Further information available at:

Types:
Investments < €500k

Member States:
United Kingdom

Diseases:
N/A

Years:
2016

Database Categories:
N/A

Database Tags:
N/A