Investigating the clinical and research applications of whole-genome sequencing in Parkinson disease and other movement disorders

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Name of Fellow

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Institution
Funder

NHMRC

Contact information of fellow
Country

Australia

Title of project/programme

Investigating the clinical and research applications of whole-genome sequencing in Parkinson disease and other movement disorders

Source of funding information

NHMRC

Total sum awarded (Euro)

€ 177,160

Start date of award

01/01/15

Total duration of award in years

4.0

The project/programme is most relevant to:

Parkinson's disease & PD-related disorders

Keywords

neurology | neurogenetics | genetics | parkinson disease | dystonia

Research Abstract

There are many ‘movement disorders’ including Parkinson disease, dystonia, and hereditary spastic paraplegia. These disorders can be caused by mutations (errors in the genetic code) in different genes. The discovery of these genes has improved our understanding of the underlying disease mechanisms. We will use ‘whole genome sequencing’ to read a person’s entire genetic material in a single experiment, allowing us to identify a genetic diagnosis and to discover entirely new disease-causing genes.

Types:
Fellowships

Member States:
Australia

Diseases:
Parkinson's disease & PD-related disorders

Years:
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Database Categories:
N/A

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