Impaired Decision-Making and the Role of Dopamine in Modulating Executive Function in Parkinson’s Disease

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Funder

NHMRC

Contact information of fellow
Country

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Title of project/programme

Impaired Decision-Making and the Role of Dopamine in Modulating Executive Function in Parkinson’s Disease

Source of funding information

NHMRC

Total sum awarded (Euro)

€ 261,614

Start date of award

01/01/13

Total duration of award in years

4.0

The project/programme is most relevant to:

Parkinson's disease & PD-related disorders

Keywords

parkinson disease | decision making | attention | working memory | gaucher disease

Research Abstract
Patients with Parkinson’s Disease (PD) often experience significant impairments in their ability to make decisions, even in the earliest stages of the disease. This project will use a combination of psychophysics, pharmacotherapy and functional neuroimaging to examine the decision-making impairments that occur in PD, and how they are modulated by dopamine. We anticipate our findings will lead to improvements in the diagnosis and management of the syndromes of executive dysfunction seen in PD.

Types:
Fellowships

Member States:
Australia

Diseases:
Parkinson's disease & PD-related disorders

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