

Determining neuronal connections involved in Parkinson's disease and cocaine addiction

<https://www.neurodegenerationresearch.eu/survey/determining-neuronal-connections-involved-in-parkinsons-disease-and-cocaine-addiction/>

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Funder

NHMRC

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Australia

Title of project/programme

Determining neuronal connections involved in Parkinson's disease and cocaine addiction

Source of funding information

NHMRC

Total sum awarded (Euro)

€ 263,350

Start date of award

01/01/13

Total duration of award in years

6.0

The project/programme is most relevant to:

Parkinson's disease & PD-related disorders

Keywords

parkinson disease | addiction | substance abuse | retrograde transport | basal ganglia

Research Abstract

Addictive behaviours in response to cocaine use and fine motor coordination that is affected in

Parkinson's disease are both controlled by the same type of cells/neurons, i.e., dopamine neurons. However, the circuitry of these neurons varies from where they originate and the type of connections they make. By understanding the neuronal circuitry of these two circuitries in concert we will be able to gain important insight into their roles in adaptive and pathological brain function.

Types:

Fellowships

Member States:

Australia

Diseases:

Parkinson's disease & PD-related disorders

Years:

2016

Database Categories:

N/A

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