Investigation of the molecular mechanisms underlying alpha synuclein function at the presynapse

https://neurodegenerationresearch.eu/survey/investigation-of-the-molecular-mechanisms-underlying-alpha-synuclein-function-at-the-presynapse/

Name of Fellow

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Institution
Funder

NHMRC

Contact information of fellow
Country

Australia

Title of project/programme

Investigation of the molecular mechanisms underlying alpha synuclein function at the presynapse

Source of funding information

NHMRC

Total sum awarded (Euro)

€ 280,851

Start date of award

01/01/16

Total duration of award in years

5.0

The project/programme is most relevant to:

Parkinson's disease & PD-related disorders

Keywords

alpha-synuclein | synaptic transmission | synaptic vesicles | parkinson disease |

neurodegeneration

Research Abstract
Parkinson’s Disease (PD) is a common brain disease affecting 7 million people worldwide. It is caused by the death of brain cells. a-synuclein is a protein in that brain that is likely to contribute to the cell death in PD, but the normal role of the protein remains unknown. This study will investigate the function of a-synuclein in maintaining normal healthy brain activity. In addition, this work will help us understand how normal brain processes are affected in diseases such as PD.

Types:
Fellowships

Member States:
Australia

Diseases:
Parkinson's disease & PD-related disorders

Years:
2016

Database Categories:
N/A

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