

Forging a new understanding of iron in neurodegenerative disease.

<https://neurodegenerationresearch.eu/survey/forging-a-new-understanding-of-iron-in-neurodegenerative-disease/>

Name of Fellow

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Institution

Funder

NHMRC

Contact information of fellow

Country

Australia

Title of project/programme

Forging a new understanding of iron in neurodegenerative disease.

Source of funding information

NHMRC

Total sum awarded (Euro)

€ 406,096

Start date of award

01/01/16

Total duration of award in years

4.0

The project/programme is most relevant to:

Alzheimer's disease & other dementias

Keywords

neurodegeneration | oxidative stress | ageing | mitochondria | animal model

Research Abstract

Using the versatile model system, *C. elegans*, this proposal will define how normal functions of the brain become corrupted with age and hijacked by neurodegenerative diseases to cause

dementia. Coupling specialised X-ray imaging only available at the Australian Synchrotron with the research excellence of the University of Melbourne, this Fellowship will provide a better understanding of normal ageing and how this relates to the development and progression of neurodegenerative diseases.

Types:

Fellowships

Member States:

Australia

Diseases:

Alzheimer's disease & other dementias

Years:

2016

Database Categories:

N/A

Database Tags:

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