Investigating the iron proteome in Alzheimer’s disease

https://www.neurodegenerationresearch.eu/survey/investigating-the-iron-proteome-in-alzheimer%c2%92s-disease/

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Institution
Funder

NHMRC

Contact information of fellow
Country

Australia

Title of project/programme

Investigating the iron proteome in Alzheimer’s disease

Source of funding information

NHMRC

Total sum awarded (Euro)

€ 349,076

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 | alzheimer disease | proteomics | protein chemistry | metals

Research Abstract
Iron is essential for brain function. When the delicate balance of metals in the brain is disturbed, neurodegenerative effects such as those seen in Alzheimer’s disease are observed. Although

we know there is a link between iron and Alzheimer’s disease, we do not know which specific iron proteins are involved. This project will provide the first characterisation of different iron proteins in the brain to understand the mechanisms of disease and help in the search for new treatments.

Types:
Fellowships

Member States:
Australia

Diseases:
Alzheimer's disease & other dementias

Years:
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