The role of the neuronal epigenome in natural brain ageing and the progression of Alzheimer’s disease

https://neurodegenerationresearch.eu/survey/the-role-of-the-neuronal-epigenome-in-natural-brain-ageing-and-the-progression-of-alzheimer%c2%92s-disease/

Name of Fellow

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Institution
Funder

NHMRC

Contact information of fellow
Country

Australia

Title of project/programme

The role of the neuronal epigenome in natural brain ageing and the progression of Alzheimer’s disease

Source of funding information

NHMRC

Total sum awarded (Euro)

€ 396,633

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

methylation | epigenetics | neurogenetics | neurodegenerative disorders | genomics

Research Abstract
Most cases of Alzheimer’s disease are sporadic or late onset, with only ~5% of cases being familial, suggesting a potential role for epigenetics. This project aims to profile the human brain epigenome throughout normal ageing and in Alzheimer’s disease so we can determine how disturbed epigenetic states may affect brain function. This research will provide new insights into the role of the epigenome in Alzheimer’s disease, enabling crucial advances in understanding its origins.

Types:
Fellowships

Member States:
Australia

Diseases:
Alzheimer's disease & other dementias

Years:
2016

Database Categories:
N/A

Database Tags:
N/A