Protecting synaptic connectivity in Alzheimer’s disease

https://neurodegenerationresearch.eu/survey/protecting-synaptic-connectivity-in-alzheimers-disease/

Name of Fellow

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Institution
Funder

NHMRC

Contact information of fellow
Country

Australia

Title of project/programme

Protecting synaptic connectivity in Alzheimer's disease

Source of funding information

NHMRC

Total sum awarded (Euro)

€ 389,111

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

neuroscience | synaptic plasticity | synapse formation | memory | alzheimer disease

Research Abstract
In Alzheimer’s disease, connections between neurons (synapses) are progressively damaged. The BACE inhibitor class of drugs entering Phase III clinical trials may slow the pace of

neurodegeneration in patients with dementia. However, these drugs may simultaneously have negative effects on synapse function, learning and memory. This study will assess the effect of BACE inhibition on synapse properties and cognition and identify the contribution of key proteins affected by this treatment.

Types:
Fellowships

Member States:
Australia

Diseases:
Alzheimer's disease & other dementias

Years:
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N/A

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