

The missing link: mGluR5 as a therapeutic target for cognitive decline in dementia

<https://neurodegenerationresearch.eu/survey/the-missing-link-mglur5-as-a-therapeutic-target-for-cognitive-decline-in-dementia/>

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Institution

Funder

NHMRC

Contact information of fellow

Country

Australia

Title of project/programme

The missing link: mGluR5 as a therapeutic target for cognitive decline in dementia

Source of funding information

NHMRC

Total sum awarded (Euro)

€ 382,351

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

dementia-related decline in memory | alzheimer disease | mouse models | memory impairment | pharmacology

Research Abstract

Cognitive decline is a core feature of Alzheimer's Disease (AD), yet there is no cure or treatment. Recent evidence suggests that a protein called mGluR5 could cause brain cells to lose function, leading to memory loss. This project will investigate whether disrupting mGluR5 function can improve cognition in mice with genetic AD. Memory will be assessed in mice using innovative touchscreen tests that closely mimic the tests used in humans.

Types:

Fellowships

Member States:

Australia

Diseases:

Alzheimer's disease & other dementias

Years:

2016

Database Categories:

N/A

Database Tags:

N/A