Role of Apolipoprotein D in Alzheimer’s Disease and Frontotemporal Dementia

https://neurodegenerationresearch.eu/survey/role-of-apolipoprotein-d-in-alzheimers-disease-and-frontotemporal-dementia/

Name of Fellow

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Institution
Funder

NHMRC

Contact information of fellow
Country

Australia

Title of project/programme

Role of Apolipoprotein D in Alzheimer's Disease and Frontotemporal Dementia

Source of funding information

NHMRC

Total sum awarded (Euro)

€ 390,497

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

alzheimer disease | frontotemporal dementia | apolipoproteins | antioxidant | amyloid beta-protein

Research Abstract

ApoD is a highly conserved lipocalin known for its antioxidant nature and role in regulation of inflammation. Oxidative stress and neuroinflammation are known to play a critical role in dementia. This project will study the association of apoD to inflammatory and oxidative stress markers in Alzheimer’s disease and Frontotemporal Dementia, two major forms of dementia. It will also examine the impact of apoD on disease pathology. Hence this project will lead us to therapeutic potentials of apoD.

Types:
Fellowships

Member States:
Australia

Diseases:
Alzheimer's disease & other dementias

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