

In vivo assessment of the role of aggregated tau in preclinical and prodromal Alzheimer's disease

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Institution Funder

NHMRC

Contact information of fellow Country

Australia

Title of project/programme

In vivo assessment of the role of aggregated tau in preclinical and prodromal Alzheimer's disease

Source of funding information

NHMRC

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€ 403,436

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01/01/16

Total duration of award in years

5.0

The project/programme is most relevant to:

Alzheimer's disease & other dementias

Keywords

alzheimer disease | amyloid beta-protein | neurofibrillary tangles | positron emission tomography

(pet) | diagnostic imaging

Research Abstract

Subtle changes in the brain precede an Alzheimer's disease (AD) diagnosis by 20-30 years. These changes provide an incredible opportunity to diagnose and treat AD; however, our understanding of them, remains limited. We aim to use new imaging technologies to investigate these subtle changes in the preclinical AD brain. This will give us a greater understanding of how these early changes effect AD progression and whether we can use this information to improve the diagnosis and treatment of AD.

Types:

Fellowships

Member States:

Australia

Diseases:

Alzheimer's disease & other dementias

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