

ConnectAD: connecting brain injury to cognitive outcome in Alzheimer's disease

<https://neurodegenerationresearch.eu/survey/connectad-connecting-brain-injury-to-cognitive-outcome-in-alzheimers-disease/>

Name of Fellow

Dr. Y.D. Reijmer

Institution

Funder

ZonMw

Contact information of fellow

Country

The Netherlands

Title of project/programme

ConnectAD: connecting brain injury to cognitive outcome in Alzheimer's disease

Source of funding information

ZonMw

Total sum awarded (Euro)

€ 149,827

Start date of award

01/09/15

Total duration of award in years

3.0

The project/programme is most relevant to:

Alzheimer's disease & other dementias

Keywords

Alzheimer's disease | amyloid | small vessel disease | cognition | white matter | brain connectivity | network | DTI

Research Abstract

The mechanisms by which Alzheimer's disease (AD) related processes cause cognitive impairment are incompletely understood. Elucidating these mechanisms is critical to identify effective treatment strategies to prevent AD-related cognitive decline. The overall aim of the proposed work is to elucidate a potential mechanism of AD-related cognitive decline: loss of white matter connectivity. Although AD is typically characterized as a gray matter disease, the white matter is also affected, even in pre-dementia stages. Healthy white matter is crucial for efficient neuronal signaling and information flow between brain regions.

Types:

Fellowships

Member States:

Netherlands

Diseases:

Alzheimer's disease & other dementias

Years:

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Database Categories:

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