

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

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

## **Name of Fellow**

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## **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:**

2016

**Database Categories:**

N/A

**Database Tags:**

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