# Pathophysiology and intra-individual variability of CSF biomarkers in controls and in Alzheimer's disease

https://neurodegenerationresearch.eu/survey/title-of-pipathophysiology-and-intra-individual-variability-of-csf-biomarkers-in-controls-and-in-alzheimers-disease/

## Title of project or programme

Title of PI Pathophysiology and intra-individual variability of CSF biomarkers in controls and in Alzheimer's disease

# Principal Investigators of project/programme grant

Title	Forname	Surname	Institution	Country
prof. dr.	Marcel	Olde Rikkert	Alzheimer Centrum Nijmegen	Netherlands
dr.	Marcel	Verbeek	Radboud University Nijmegen / Neurology	Netherlands
dr.	Jurgen	Claassen	Alzheimer Centrum Nijmegen	Netherlands

### Address of institution of lead PI

Institution Alzheimer Centrum Nijmegen

Street Address Reinier Postlaan 4

City Nijmegen Postcode 6525 GC

Country

Netherlands

### Source of funding information

Dutch Alzheimer's Association (Azheimer Nederland)

Total sum awarded (Euro)

735000

Start date of award

01-06-2008

Total duration of award in months

48

### The project/programme is most relevant to

Alzheimer's disease and other dementias

### **Keywords**

cerebrospinal fluid, biomarkers, diurnal rhythm, amyloid beta protein, tau protein

Research abstract in English
Lay Summary
In which category does this research fall?

Clinical research