

Combined TMS-EEG for early diagnosis of Alzheimer's disease

<https://www.neurodegenerationresearch.eu/survey/combined-tms-eeeg-for-early-diagnosis-of-alzheimer%20s-disease/>

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Institution

Funder

NHMRC

Contact information of fellow

Country

Australia

Title of project/programme

Combined TMS-EEG for early diagnosis of Alzheimer's disease

Source of funding information

NHMRC

Total sum awarded (Euro)

€ 409,625

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 | brain ageing | transcranial magnetic stimulation (tms) | cortical plasticity | connectivity

Research Abstract

Early diagnosis of Alzheimer's disease is key to more effective early intervention. Current biomarkers are expensive and are not suited for detecting the subtle changes in brain function that occur during the initial stages of the disease. Non-invasive brain stimulation is pain-free and inexpensive, and can directly probe brain function in conscious humans. This project will investigate whether these techniques might be used to identify markers of early brain dysfunction in Alzheimer's disease.

Types:

Fellowships

Member States:

Australia

Diseases:

Alzheimer's disease & other dementias

Years:

2016

Database Categories:

N/A

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