

Self-assembled hydrogels as a model for neurodegeneration

<https://neurodegenerationresearch.eu/survey/self-assembled-hydrogels-as-a-model-for-neurodegeneration/>

Name of Fellow

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Institution

Funder

NHMRC

Contact information of fellow

Country

Australia

Title of project/programme

Self-assembled hydrogels as a model for neurodegeneration

Source of funding information

NHMRC

Total sum awarded (Euro)

€ 403,426

Start date of award

01/01/16

Total duration of award in years

5.0

The project/programme is most relevant to:

Alzheimer's disease & other dementias

Keywords

dementia | alzheimer disease | neurodegeneration | cell culture | mechanical properties

Research Abstract

Alzheimer's disease (AD) is a neurodegenerative disease which currently affects over 340,000 Australians. Often, symptoms of AD are not apparent until the disease is well advanced, limiting

chances of successful treatment. In this project, hydrogels made from biocompatible peptides will be used to grow neural cell culture models to study the development of the disease in its early stages. This will help to develop new diagnostic tools for the early detection of AD.

Types:

Fellowships

Member States:

Australia

Diseases:

Alzheimer's disease & other dementias

Years:

2016

Database Categories:

N/A

Database Tags:

N/A