

Novel targeted degradable multifunctional poly(vinyl-co-ester) nanoparticles for Alzheimer's disease applications

<https://www.neurodegenerationresearch.eu/survey/novel-targeted-degradable-multifunctional-polyvinyl-co-ester-nanoparticles-for-alzheimer%20s-disease-applications/>

Name of Fellow

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Institution

Funder

NHMRC

Contact information of fellow

Country

Australia

Title of project/programme

Novel targeted degradable multifunctional poly(vinyl-co-ester) nanoparticles for Alzheimer's disease applications

Source of funding information

NHMRC

Total sum awarded (Euro)

€ 403,300

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

drug delivery systems | polymerisation | therapeutic agents | targeting | blood-brain barrier

Research Abstract

Novel biodegradable polymeric nanoparticles for efficient and targeted delivery of Alzheimer related agents to the brain will be developed. The nanocarriers will be fabricated from biocompatible multifunctional compounds and possess the capability to co-deliver diagnostic and therapeutic agents across the blood-brain barrier. These systems are expected to become a new efficient class of brain delivery systems.

Types:

Fellowships

Member States:

Australia

Diseases:

Alzheimer's disease & other dementias

Years:

2016

Database Categories:

N/A

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