

Anti-inflammatory copper complexes for treatment of Alzheimer's Disease

<https://www.neurodegenerationresearch.eu/survey/anti-inflammatory-copper-complexes-for-treatment-of-alzheimers-disease/>

Name of Fellow

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Institution

Funder

NHMRC

Contact information of fellow

Country

Australia

Title of project/programme

Anti-inflammatory copper complexes for treatment of Alzheimer's Disease

Source of funding information

NHMRC

Total sum awarded (Euro)

€ 409,526

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

neurodegeneration | metal metabolism | neuroinflammation | alzheimer disease | stem cells

Research Abstract

Brain inflammation and disrupted metabolism of the biologically important metal, copper, play

key roles in Alzheimer's disease (AD) progression. Our team has developed new copper-based therapeutics, but limited knowledge of how they work impedes clinical trials. My recent findings indicate that these drugs potentially prevent inflammation. My proposal seeks to understand how copper-complexes reduce damaging inflammatory responses in novel human cell models of AD.

Types:

Fellowships

Member States:

Australia

Diseases:

Alzheimer's disease & other dementias

Years:

2016

Database Categories:

N/A

Database Tags:

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