

Investigation of zinc dyshomeostasis associated with aging and dementia-related disorders using novel nanodiamond-based markers

<https://neurodegenerationresearch.eu/survey/investigation-of-zinc-dyshomeostasis-associated-with-aging-and-dementia-related-disorders-using-novel-nanodiamond-based-markers/>

Name of Fellow

Dr Olga Shimoni

Institution

Funder

NHMRC

Contact information of fellow

Country

Australia

Title of project/programme

Investigation of zinc dyshomeostasis associated with aging and dementia-related disorders using novel nanodiamond-based markers

Source of funding information

NHMRC

Total sum awarded (Euro)

€ 405,111

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

nanotechnology | biomarkers | synapse | zinc deficiency | drug delivery systems

Research Abstract

This project will illuminate the fundamental brain changes that lead to age-related cognitive decline by means of newly developed biomarker based on fluorescent nanodiamonds. The expected outcome of this work will be a unique approach to elucidate the source of cognitive decline that will fill a significant unmet need within the community.

Types:

Fellowships

Member States:

Australia

Diseases:

Alzheimer's disease & other dementias

Years:

2016

Database Categories:

N/A

Database Tags:

N/A