

Transmitophagy: the key to aging and neurodegeneration?

<https://www.neurodegenerationresearch.eu/survey/transmitophagy-the-key-to-aging-and-neurodegeneration-2/>

Name of Fellow

Kanninen Katja

Institution

Funder

Academy of Finland

Contact information of fellow

Country

Finland

Title of project/programme

Transmitophagy: the key to aging and neurodegeneration?

Source of funding information

Academy of Finland

Total sum awarded (Euro)

€ 434,485

Start date of award

01/09/16

Total duration of award in years

5.0

The project/programme is most relevant to:

Alzheimer's disease & other dementias

Keywords

Alzheimer's disease | aging | mitochondria | astrocytes | Nrf2

Research Abstract

The significance of maintaining mitochondrial integrity is underscored by various diseases associated with mitochondrial dysfunction. This research proposal focuses on a recently

discovered process of mitochondrial degradation taking place in the central nervous system. We aim to assess the role of astrocytes in degradation of neuron-derived mitochondria in aging and Alzheimer's disease. A better understanding of the factors involved in this process may in the future lead to improved treatments for neurodegeneration and ways to increase health and longevity.

Types:

Fellowships

Member States:

Finland

Diseases:

Alzheimer's disease & other dementias

Years:

2016

Database Categories:

N/A

Database Tags:

N/A