

Transmitophagy: the key to aging and neurodegeneration?

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

Principal Investigators

Kanninen Katja

Institution

University of Eastern Finland

Contact information of lead PI

Country

Finland

Title of project or programme

Transmitophagy: the key to aging and neurodegeneration?

Source of funding information

Academy of Finland

Total sum awarded (Euro)

€ 330,000

Start date of award

01/01/2016

Total duration of award in years

3

Keywords

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.

Further information available at:

Types:

Investments < €500k

Member States:

Finland

Diseases:

N/A

Years:

2016

Database Categories:

N/A

Database Tags:

N/A