

# Transmitophagy: the key to aging and neurodegeneration?

<https://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:**

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**Years:**

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**Database Categories:**

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**Database Tags:**

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