

# Targeting autophagy to improve protein metabolism in ALS

<https://neurodegenerationresearch.eu/survey/targeting-autophagy-to-improve-protein-metabolism-in-als/>

## Principal Investigators

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## Institution

University of Melbourne

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### Country

Australia

## Title of project or programme

Targeting autophagy to improve protein metabolism in ALS

## Source of funding information

National Health and Medical Research Council

## Total sum awarded (Euro)

€ 398,117

## Start date of award

01/01/2016

## Total duration of award in years

3

## Keywords

### Research Abstract

One common feature of MND is the accumulation of protein deposits inside nerve cells which leads to their death. We have identified a potent drug which enhances autophagy, a protective process which breaks down protein deposits inside cells. We have shown that this autophagy enhancer efficiently clears protein deposits linked to MND in the Petri dish. We propose to treat MND mice with this autophagy enhancer and predict that it will slow disease signs, preserve lifespan and protect nerve cells.

## Further information available at:

## Types:

Investments < €500k

**Member States:**

Australia

**Diseases:**

N/A

**Years:**

2016

**Database Categories:**

N/A

**Database Tags:**

N/A