

Defining systems that clear dangerous misfolded proteins from body fluids

<https://neurodegenerationresearch.eu/survey/defining-systems-that-clear-dangerous-misfolded-proteins-from-body-fluids/>

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Contact information of lead PI Country

Australia

Title of project or programme

Defining systems that clear dangerous misfolded proteins from body fluids

Source of funding information

Australian Research Council

Total sum awarded (Euro)

€ 303,893

Start date of award

01/01/2016

Total duration of award in years

3

Keywords

Research Abstract

The project intends to establish how the human body defends itself against protein-folding related disease and loss of quality of life. Exposure to everyday physical and chemical stresses can cause proteins to lose their normal shape and become misfolded. Misfolded proteins are causally involved in human ageing and serious diseases (for example, Alzheimer's disease). However, the body does have a protective system that clears dangerous misfolded proteins from body fluids. Using cutting-edge approaches and a novel animal model, the project aims to establish how this system works. The outcomes are expected to improve understanding of the molecular processes affecting human ageing and disease and strengthen the framework

needed to develop better strategies to combat these.

Further information available at:

Types:

Investments < €500k

Member States:

Australia

Diseases:

N/A

Years:

2016

Database Categories:

N/A

Database Tags:

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