

Pathogenic and adaptive molecular interactions with mutant huntingtin exon 1

<https://www.neurodegenerationresearch.eu/survey/pathogenic-and-adaptive-molecular-interactions-with-mutant-huntingtin-exon-1/>

Principal Investigators

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Institution

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Contact information of lead PI

Country

Australia

Title of project or programme

Pathogenic and adaptive molecular interactions with mutant huntingtin exon 1

Source of funding information

National Health and Medical Research Council

Total sum awarded (Euro)

€ 493,988

Start date of award

01/01/2016

Total duration of award in years

4

Keywords

Research Abstract

This project aims to determine how the gene mutation that causes Huntington's disease (HD) damages cells in the brain. The diseased gene creates a protein that is abnormally sticky, which causes it to form clumps. Our goal is to determine the components of the cell that are disrupted and damaged as clumping happens. Understanding this link will enable therapeutics to be logically designed in efforts to prevent harm to the brain, potentially before symptoms are evident.

Further information available at:

Types:

Investments < €500k

Member States:

Australia

Diseases:

N/A

Years:

2016

Database Categories:

N/A

Database Tags:

N/A