

The role of a presenilin 2 truncation (PS2V) in Alzheimer's Disease

<https://neurodegenerationresearch.eu/survey/the-role-of-a-presenilin-2-truncation-ps2v-in-alzheimers-disease/>

Principal Investigators

A/Pr Giuseppe Verdile

Institution

Curtin University of Technology

Contact information of lead PI

Country

Australia

Title of project or programme

The role of a presenilin 2 truncation (PS2V) in Alzheimer's Disease

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National Health and Medical Research Council

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€ 370,198

Start date of award

01/01/2014

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4

Keywords

Research Abstract

The Presenilin and APP proteins are centrally important in inherited, early onset Alzheimer's disease. We have discovered that a shortened form of Presenilin protein, "PS2V", appears to increase specifically the rate at which the APP protein is cleaved to produce the "Amyloid beta" protein fragment that is found in Alzheimer's disease brains. This occurs when brain cells are under oxidative stress. Understanding this process will facilitate development of appropriate therapeutic strategies for the disease.

Further information available at:

Types:

Investments < €500k

Member States:

Australia

Diseases:

N/A

Years:

2016

Database Categories:

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Database Tags:

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