

Myelin lipid breakdown affected by Apolipoprotein E genotype: implications for Alzheimer's Disease pathogenesis

<https://neurodegenerationresearch.eu/survey/myelin-lipid-breakdown-affected-by-apolipoprotein-e-genotype-implications-for-alzheimer%c2%92s-disease-pathogenesis/>

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Funder

NHMRC

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Country

Australia

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Myelin lipid breakdown affected by Apolipoprotein E genotype: implications for Alzheimer's Disease pathogenesis

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The project/programme is most relevant to:

Alzheimer's disease & other dementias

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Research Abstract

This project pieces together two important questions about Alzheimer's Disease: (1) Why a naturally occurring variant of a gene called "APOE" is the primary genetic risk for Alzheimer's. (2) Why Alzheimer's preferentially affects brain regions that lose a fatty substance called myelin, the electrical insulation of the brain. In doing so, we will understand more about what makes people more susceptible to Alzheimer's and whether therapies to restore myelin could be effective against Alzheimer's.

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Fellowships

Member States:

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Diseases:

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