

L1 retrotransposition: the missing link between genetics and environmental factors in Parkinson's disease ?

<https://neurodegenerationresearch.eu/survey/l1-retrotransposition-the-missing-link-between-genetics-and-environmental-factors-in-parkinsons-disease/>

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Funder

NHMRC

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Country

Australia

Title of project/programme

L1 retrotransposition: the missing link between genetics and environmental factors in Parkinson's disease ?

Source of funding information

NHMRC

Total sum awarded (Euro)

€ 403,436

Start date of award

01/01/16

Total duration of award in years

5.0

The project/programme is most relevant to:

Alzheimer's disease & other dementias

Keywords

dementia | dopamine | epigenetics | parkinson disease | molecular basis of disease

Research Abstract

The study proposed here focuses on understanding the role of specific mobile DNA sequences in the interaction between environmental and genetic risk factors causing Parkinson's disease (PD) leading to dementia. The project proposes identification of mobile DNA induced mutations in post-mortem human PD patient brain samples. The significance and mechanisms of mobile DNA induced mutations will be then tested in a PD mouse model.

Types:

Fellowships

Member States:

Australia

Diseases:

Alzheimer's disease & other dementias

Years:

2016

Database Categories:

N/A

Database Tags:

N/A