

Gene-Environment Interactions in Brain Disorders

<https://www.neurodegenerationresearch.eu/survey/gene-environment-interactions-in-brain-disorders/>

Name of Fellow

A/Pr Tim Karl

Institution

Funder

NHMRC

Contact information of fellow

Country

Australia

Title of project/programme

Gene-Environment Interactions in Brain Disorders

Source of funding information

NHMRC

Total sum awarded (Euro)

€ 307,711

Start date of award

01/01/13

Total duration of award in years

4.0

The project/programme is most relevant to:

Alzheimer's disease & other dementias

Keywords

brain disorders | gene-environment interaction | animal model | behaviour | neuroscience

Research Abstract

My research is focused on understanding the aetiology of brain disorders. I am interested in the interaction of genetic and environmental factors in the development of these disorders. In

particular, I will evaluate the validity of rodent models for schizophrenia and Alzheimer's disease and investigate the therapeutic potential of the endocannabinoid system for both disorders and whether environmental enrichment (e.g. physical exercise) can have beneficial effects in these models.

Types:

Fellowships

Member States:

Australia

Diseases:

Alzheimer's disease & other dementias

Years:

2016

Database Categories:

N/A

Database Tags:

N/A