

An Integrated Genomic and Epigenomic Approach to Dissect the Aetiology of Motor Neuron Disease

<https://neurodegenerationresearch.eu/survey/an-integrated-genomic-and-epigenomic-approach-to-dissect-the-aetiology-of-motor-neuron-disease/>

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Institution**Funder**

NHMRC

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Australia

Title of project/programme

An Integrated Genomic and Epigenomic Approach to Dissect the Aetiology of Motor Neuron Disease

Source of funding information

NHMRC

Total sum awarded (Euro)

€ 283,799

Start date of award

01/01/15

Total duration of award in years

4.0

The project/programme is most relevant to:

Motor neurone diseases

Keywords

genetics | neurology | methylation | mental health | biostatistics

Research Abstract

Motor neuron disease (MND) is a neurological disease that destroys motor neurons, which control muscle activity, such as walking. It affects people >40 years old and most patients die within 3 years. There is no specific test for its diagnosis and there are no cures. I aim to build an independent research group to discover novel genes and epigenetic marks, and to dissect their biological function in MND. This knowledge is crucial for finding effective diagnosis, treatment and cure for MND.

Types:

Fellowships

Member States:

Australia

Diseases:

Motor neurone diseases

Years:

2016

Database Categories:

N/A

Database Tags:

N/A