

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

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Name of Fellow

Dr Beben Benyamin

Institution

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Contact information of fellow

Country

Australia

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

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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.

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