# Harnessing the consequences of impaired mitochondrial function to treat and image motor neuron disease

https://neurodegenerationresearch.eu/survey/harnessing-the-consequences-of-impaired-mitochondrial-function-to-treat-and-image-motor-neuron-disease/

**Name of Fellow**

Dr Peter Crouch

**Institution**
**Funder**

NHMRC

**Contact information of fellow**
**Country**

Australia

**Title of project/programme**

Harnessing the consequences of impaired mitochondrial function to treat and image motor neuron disease

**Source of funding information**

NHMRC

**Total sum awarded (Euro)**

€ 313,907

**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**

amyotrophic lateral sclerosis | motor neuron disease (mnd) | mitochondria | therapeutics |

neurodegenerative disorders

**Research Abstract**
Motor neuron disease (MND) is a group of fatal adult-onset diseases affecting the neurons that relay signals from the brain to muscles. The incidence of MND is rapidly increasing due to the ageing population and a diagnosis of MND comes with a prognosis of paralysis and 2-5 years survival. The diagnosis process is lengthy, and even after MND is confirmed, there are no effective therapeutics. This research project aims to develop new therapeutic and diagnostic options for MND.

**Types:**
Fellowships

**Member States:**
Australia

**Diseases:**
Motor neurone diseases

**Years:**
2016

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N/A

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