

# Electrophysiological and neuroimaging evaluation of C9ORF72 related Amyotrophic lateral sclerosis

<https://neurodegenerationresearch.eu/survey/electrophysiological-and-neuroimaging-evaluation-of-c9orf72-related-amyotrophic-lateral-sclerosis/>

## **Name of Fellow**

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## **Institution**

## **Funder**

NHMRC

## **Contact information of fellow**

## **Country**

Australia

## **Title of project/programme**

Electrophysiological and neuroimaging evaluation of C9ORF72 related Amyotrophic lateral sclerosis

## **Source of funding information**

NHMRC

## **Total sum awarded (Euro)**

€ 150,607

## **Start date of award**

01/01/16

## **Total duration of award in years**

4.0

## **The project/programme is most relevant to:**

Motor neurone diseases

## **Keywords**

amyotrophic lateral sclerosis | transcranial magnetic stimulation (tms) | biomarkers | cortical

excitability | neurophysiology

### **Research Abstract**

Amyotrophic lateral sclerosis (also known as Motor Neuron Disease) is a rapid and fatal neurological condition. To date there is no consensus on where the disease process may start. We will study healthy carriers who carry the most common ALS gene mutation and follow them over a four year period and track the associated changes. We will be using specialized neurophysiological tests to evaluate these patients and we hope to localize where the initiating problem with ALS patients may start.

### **Types:**

Fellowships

### **Member States:**

Australia

### **Diseases:**

Motor neurone diseases

### **Years:**

2016

### **Database Categories:**

N/A

### **Database Tags:**

N/A