

# Neuroimaging insights into sleep-wake dysfunction in older adults 'at risk' of developing dementia

<https://neurodegenerationresearch.eu/survey/neuroimaging-insights-into-sleep-wake-dysfunction-in-older-adults-at-risk-of-developing-dementia/>

## **Name of Fellow**

Dr Shantel Duffy

## **Institution**

## **Funder**

NHMRC

## **Contact information of fellow**

## **Country**

Australia

## **Title of project/programme**

Neuroimaging insights into sleep-wake dysfunction in older adults 'at risk' of developing dementia

## **Source of funding information**

NHMRC

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

€ 371,897

## **Start date of award**

01/01/16

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

4.0

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

Alzheimer's disease & other dementias

## **Keywords**

sleep disturbance | mild cognitive impairment | magnetic resonance imaging (mri) | secondary

prevention | oxidative stress

### **Research Abstract**

This program of research aims to investigate the biological mechanisms underlying the relationship between sleep dysfunction and dementia. I aim to apply my magnetic resonance imaging expertise and experience working with individuals 'at risk' of dementia and further develop my emerging skills in sleep research, to improve our understanding of this fundamental relationship and investigate the effect of targeted interventions and longitudinal clinical outcomes in 'at risk' older adults.

### **Types:**

Fellowships

### **Member States:**

Australia

### **Diseases:**

Alzheimer's disease & other dementias

### **Years:**

2016

### **Database Categories:**

N/A

### **Database Tags:**

N/A