

# Investigating the cause and consequences of iron deposition in Parkinson's disease

<https://www.neurodegenerationresearch.eu/survey/investigating-the-cause-and-consequences-of-iron-deposition-in-parkinsons-disease/>

## Principal Investigators

Dr Scott Ayton

## Institution

University of Melbourne

## Contact information of lead PI

### Country

Australia

## Title of project or programme

Investigating the cause and consequences of iron deposition in Parkinson's disease

## Source of funding information

National Health and Medical Research Council

## Total sum awarded (Euro)

€ 312,071

## Start date of award

01/01/2016

## Total duration of award in years

3

## Keywords

### Research Abstract

It is known that iron elevation occurs in the brain in Parkinson's disease. This might cause cell death by 'rusting'. It is not known (1) how iron accumulates in the disease, (2) whether iron accumulation contributes to the worsening of the disease and (3) if lowering iron with a drug would improve symptoms. We plan to address these questions using a clinical cohort of patients, and laboratory animal models.

## Further information available at:

## Types:

Investments < €500k

**Member States:**

Australia

**Diseases:**

N/A

**Years:**

2016

**Database Categories:**

N/A

**Database Tags:**

N/A