

# Gene-environment interactions modulating cognition and dementia in Huntington's disease

<https://neurodegenerationresearch.eu/survey/gene-environment-interactions-modulating-cognition-and-dementia-in-huntington%20s-disease/>

## Principal Investigators

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## Institution

University of Melbourne

## Contact information of lead PI Country

Australia

## Title of project or programme

Gene-environment interactions modulating cognition and dementia in Huntington's disease

## Source of funding information

National Health and Medical Research Council

## Total sum awarded (Euro)

€ 263,032

## Start date of award

01/01/2015

## Total duration of award in years

3

## Keywords Research Abstract

We are investigating mechanisms whereby cognitive symptoms, culminating in dementia, occur in a fatal brain disease, Huntington's. We will explore how the 'genetic stutter' affects the brain at the level of molecules and cells, which will help identify targets for future treatment. We will also establish how environmental factors, including cognitive stimulation, physical activity and stress, modulate dementia. This will inform the development of treatments for this currently incurable disease.

**Further information available at:**

**Types:**

Investments < €500k

**Member States:**

Australia

**Diseases:**

N/A

**Years:**

2016

**Database Categories:**

N/A

**Database Tags:**

N/A