

# Genetic Analysis Of Alzheimer s Disease

<https://neurodegenerationresearch.eu/survey/genetic-analysis-of-alzheimer-s-disease/>

## Principal Investigators

SINGLETON, ANDREW

## Institution

National Institute on Aging

## Contact information of lead PI

### Country

USA

## Title of project or programme

Genetic Analysis Of Alzheimer s Disease

## Source of funding information

NIH (NIA)

## Total sum awarded (Euro)

€ 608,180.73

## Start date of award

## Total duration of award in years

15

## The project/programme is most relevant to:

Alzheimer's disease & other dementias

## Keywords

Acquired Cognitive Impairment... Aging... Alzheimer's Disease... Alzheimer's Disease including Alzheimer's Disease Related Dementias (AD/ADRD)... Brain Disorders... Dementia... Genetics... Human Genome... Neurodegenerative... Prevention

## Research Abstract

We continue to be a contributor to the reanalysis of large tracts of genome wide association data and much of this work, which identifies several new loci, and a converging molecular pathway, has been published. Most recently we continue our efforts using second generation sequencing (which previously lead to the identification of TREM2 and TREML2, and PLD3 variants as a risk factor for Alzheimer's disease). We have followed up on that work with

continued characterization of known AD loci in relatively small series of patients. We are contributing members to consortia that continue to investigate various aspects of AD genetics.

### **Lay Summary**

**Further information available at:**

#### **Types:**

Investments > €500k

#### **Member States:**

United States of America

#### **Diseases:**

Alzheimer's disease & other dementias

#### **Years:**

2016

#### **Database Categories:**

N/A

#### **Database Tags:**

N/A