

Unified high performance analysis of imaging biomarkers for Alzheimers disease

<https://neurodegenerationresearch.eu/survey/unified-high-performance-analysis-of-imaging-biomarkers-for-alzheimers-disease/>

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Institution

PIERSON BRAIN IMAGE ANALYSIS

Contact information of lead PI

Country

USA

Title of project or programme

Unified high performance analysis of imaging biomarkers for Alzheimers disease

Source of funding information

NIH (NIA)

Total sum awarded (Euro)

€ 1,651,376.15

Start date of award

15/08/2012

Total duration of award in years

5

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)... Bioengineering... Brain Disorders... Dementia... Diagnostic Radiology... Neurodegenerative... Neurosciences

Research Abstract

DESCRIPTION (provided by applicant): Alzheimer's disease is a neurodegenerative disease of the brain causing impairments to memory and cognitive functions, eventually leading to death. The causes of Alzheimer's disease and mechanisms of disease progression are not fully understood, but an enormous amount of effort is being focused on the issues in research and pharmacologic interventions. Brain Image Analysis, LLC has developed NeuroAnalytica to provide high quality brain morphometry measures for biomarkers in Alzheimer's disease. This Phase II project will expand the basic measures to include a wide range of modalities and measures that research has shown to be useful in as potential biomarkers in Alzheimer's disease.

Lay Summary

PUBLIC HEALTH RELEVANCE: Alzheimer's disease is a neurodegenerative disease of the brain causing impairments to memory and cognitive functions, eventually leading to death. The causes of Alzheimer's disease and mechanisms of disease progression are not fully understood, but an enormous amount of effort is being focused on the issues in research and pharmacologic interventions. Brain Image Analysis, LLC has developed NeuroAnalytica to provide high quality brain morphometry measures for biomarkers in Alzheimer's disease. This Phase II project will expand the basic measures to include a wide range of modalities and measures that research has shown to be useful in as potential biomarkers in Alzheimer's disease.

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