

Fingerprinting the risk of dementia and likelihood of intervention response to facilitate prevention-related decision-making

<https://neurodegenerationresearch.eu/survey/fingerprinting-the-risk-of-dementia-and-likelihood-of-intervention-response-to-facilitate-prevention-related-decision-making/>

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Country

Finland

Title of project or programme

Fingerprinting the risk of dementia and likelihood of intervention response to facilitate prevention-related decision-making

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Academy of Finland

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€ 326,481

Start date of award

01/09/2015

Total duration of award in years

3

Keywords

Research Abstract

Dementia and Alzheimer disease prevention is a major public health priority. This project focuses on formulating tools for identifying high-risk individuals who may benefit from preventive interventions. Novel computer-based methods (Disease State Index, Disease State Fingerprint) will be used for analysis and visualization of a broad range of dementia-related factors and biomarkers. Specific aims include: 1) Risk index estimating an individual's risk of cognitive

impairment/dementia; 2) Intervention response index estimating an individual's likelihood to respond to preventive interventions; 3) Planning a protocol for prevention-related decision-making. The project combines several large observational population-based studies (FINRISK, CAIDE, Vantaa 85+) and prevention trials (FINGER, MAPT, LipiDiDiet). It can produce comprehensive profiling tools that can facilitate personalization of preventive strategies in order to make them more effective.

Further information available at:

Types:

Investments < €500k

Member States:

Finland

Diseases:

N/A

Years:

2016

Database Categories:

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Database Tags:

N/A