

# Multidomäna interventioner för att förebygga Alzheimers sjukdom: MIND-AD. Multidomain interventions to prevent Alzheimer's disease: MIND-AD

<https://neurodegenerationresearch.eu/survey/multidomana-interventioner-for-att-forebygga-alzheimers-sjukdom-mind-ad-multidomain-interventions-to-prevent-alzheimers-disease-mind-ad/>

## Principal Investigators

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### Country

Sweden

## Title of project or programme

Multidomäna interventioner för att förebygga Alzheimers sjukdom: MIND-AD. Multidomain interventions to prevent Alzheimer's disease: MIND-AD

## Source of funding information

The Swedish Brain Foundation

## Total sum awarded (Euro)

€ 54,407

## Start date of award

01/07/2015

## Total duration of award in years

1.5

## Keywords

### Research Abstract

The present project – Multimodal preventive trials for Alzheimer disease (MIND-AD) – builds on experiences and the unique infrastructure from LipiDiDiet and FINGER RCTs, and integrates innovative techniques to study mechanisms and effects of multimodal interventions [Multiplex

assays and magnetoencephalography (MEG)]. The overall goal is to find effective strategies for preventing/delaying dementia onset.

Specific aims are to investigate: 1) Patients with prodromal AD as target group for dementia prevention trials;

2) Efficacy and mechanisms of multimodal preventive interventions, including the use of innovative techniques

such as multiplexed protein assays from blood and MEG, a highly-precise, direct, non-invasive technique for

characterizing human neuronal activity; and 3) Conduct a proof of concept RCT (MIND-ADMINI) assessing the

feasibility of a multimodal intervention (nutrition, exercise, cognitive training, vascular risk monitoring) in

memory clinic patients with prodromal AD. Experiences from the MIND-ADMINI trial will be used to plan a

larger multinational trial (MIND-ADMAXI), and develop guidelines for tailored dementia prevention in various

settings. With MIND-AD project, an innovative Swedish research platform can be developed to deliver internationally relevant cost-effective dementia prevention interventions. This project

integrates a large biorepository to study late-onset AD, and a highly-specialized, multidisciplinary infrastructure to test preventive interventions via multimodal RCTs. Overall, the

project is aligned with Hjärnfonden's strategy, which aims to support identification of effective treatments and preventive solutions for dementia/AD.

**Further information available at:**

**Types:**

Investments < €500k

**Member States:**

Sweden

**Diseases:**

N/A

**Years:**

2016

**Database Categories:**

N/A

**Database Tags:**

N/A