



# Fluid Biomarkers for Neurodegenerative Dementias

## Fact Sheet

### Project Information

#### FLUBIODEM

Grant agreement ID: 101053962

#### DOI

[10.3030/101053962](https://doi.org/10.3030/101053962)

#### EC signature date

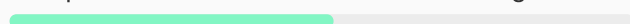
4 August 2022

#### Start date

1 September 2022

#### End date

31 August 2027



#### Funded under

European Research Council (ERC)

#### Total cost

€ 2 422 973,00

#### EU contribution

€ 2 422 973,00

#### Investment in EU policy priorities

Digital agenda	<input type="radio"/>	Clean air	<input type="radio"/>
Artificial Intelligence	<input type="radio"/>	Climate action	<input type="radio"/>
Biodiversity	<input type="radio"/>		

#### Coordinated by

GOETEBORGS UNIVERSITET

Sweden

## Project description

### Novel high-throughput biomarker tools for neurodegenerative diseases

Finding therapies for Alzheimer's disease (AD) and other neurodegenerative dementias (NDDs) requires the development of specific biomarker assays. The ERC-funded FLUBIODEM project aims to develop high-throughput biomarker tools for the

analysis of large cohort studies. The combination of biomarker data with clinical, imaging, and genetic information will provide comprehensive molecular disease phenotypes to enable disease stratification, drug discovery, and translational research. The central project goal is to discover new biomarkers for NDD pathologies, including non-AD tau pathology. The study will employ general and targeted cerebrospinal fluid proteomics and novel cell type-biased tandem mass tag proteomics to identify biomarkers specific for neuronal, astrocytic, and microglial cells, and their activation states.

## Fields of science (EuroSciVoc)

[natural sciences](#) > [biological sciences](#) > [biochemistry](#) > [biomolecules](#) > [proteins](#) > **[proteomics](#)**

[medical and health sciences](#) > [basic medicine](#) > [neurology](#) > [dementia](#) > **[alzheimer](#)**

[medical and health sciences](#) > [basic medicine](#) > **[pathology](#)**



## Keywords

[Biomarkers](#)

[dementia](#)

[Alzheimer's disease](#)

[neurodegeneration](#)

[CSF](#)

[plasma](#)

## Programme(s)

[HORIZON.1.1 - European Research Council \(ERC\)](#)

MAIN PROGRAMME

## Topic(s)

[ERC-2021-ADG - ERC ADVANCED GRANTS](#)

## Call for proposal

[ERC-2021-ADG](#)

[See other projects for this call](#)

# Funding Scheme

[HORIZON-ERC - HORIZON ERC Grants](#)

## Host institution



### GOETEBORGS UNIVERSITET

Net EU contribution

€ 2 422 973,00

Total cost

€ 2 422 973,00

Address

**VASAPARKEN**

405 30 Goeteborg

 Sweden 

Region

Södra Sverige > Västsverige > Västra Götalands län

Activity type

Higher or Secondary Education Establishments

Links

[Contact the organisation](#)  [Website](#) 

[Participation in EU R&I programmes](#) 

[HORIZON collaboration network](#) 

## Beneficiaries (1)



### GOETEBORGS UNIVERSITET

 Sweden

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Total cost

**€ 2 422 973,00**

**Last update:** 6 September 2024

**Permalink:** <https://cordis.europa.eu/project/id/101053962>

European Union, 2025