

PhD students



Andreas Appel

MSc, PhD student

His PhD focuses on the role of influenza vaccination in dementia using Danish nation-wide register data. Influenza vaccination is studied both as a potential preventive measure against dementia, its effectiveness in preventing hospitalizations and deaths for people with dementia.

The project will also elucidate the prevalence and incidence of influenza vaccination for people with dementia.



Frederikke Kragh Clemmensen MD, PhD student

Her project investigates the efficacy of longitudinal measurements of novel blood based biomarkers to track the progression of Alzheimer's disease.



Line Damsgaard MD, PhD student

The project focuses on potential early warning signs that may signal young onset Alzheimer's disease, in order to ensure timely diagnosis. It will explore patterns in health conditions, occupational markers and health care utilization preceding diagnosis.



Mathias Holsey Gramkow MD, PhD student

His project focuses on the low-cost and digital biomarkers pupillometry and actigraphy and their diagnostic and prognostic utility in patients with Alzheimer's disease.





Emil Elbæk Henriksen MSc, PhD student

His project investigates how the genetic mutation in spinocerebellar ataxia type 2 (SCA2) affects the mitochondria and the intracellular calcium signaling in stem cell-derived neurons and brain organoids. The outcome of this project will help us understand the disease progression in the early stages.



Daniel Kjærgaard MSc, PhD student

One of his projects investigates the impact of diversity on blood-based biomarkers of Alzheimer's disease to uncover possible confounding factors.

Another project examines the utility of novel cross-cultural cognitive tests. Both projects are part of international collaborations and aim to improve dementia diagnostics also for minority ethnic groups.



Cecilie Madsen

MSc, PhD student

Cecilie's project aims to investigate how small vesicles, termed extracellular vesicles, secreted by brain cells are changed in two types of dementia, FTD-3 and AD, using clinical samples and patient stem cell derived brain cells.

She will investigate if these vesicles can be responsible for disease progression, or as biomarkers. Furthermore, she will investigate if infections have an impact on the cellular vesicles.



Oskar McWilliam

MD, PhD student

The overarching objective of his project is to identify early clinical warning signs and biomarkers in prodromal and manifest DLB with the novel RT-QuIC technique.





Christian Sandøe Musaeus

MD, PhD student

His PhD assesses subclinical epileptiform activity with continuous EEG monitoring using novel ear EEG registration and correlating findings with MRI hippocampal blood flow assessments. Another area of interest is the use of EEG to assist in the diagnosis of AD and MCI.



Anne-Britt Oxbøll RN, PhD student

The objective of the PhD-project is to investigate the validity and diagnostic accuracy of a new brief case-finding tool, BASIC-Q, for detection of cognitive impairment in a general practice population and to investigate the use of and attitudes towards BASIC-Q among community-based health care professionals.



Emilie Poulsen MSc. PhD student

Her PhD project investigates some of the under-researched aspects of neuropsychological symptoms, including emotion regulation, apathy, and memory processes, in Huntington's disease (HD) gene-mutation carriers.

These results can hopefully contribute to the identification of cognitive markers of disease onset and progression, and provide insight into HD's illness trajectory and impact on the individual gene-mutation carriers.



Nelsan Pourhadi MD, PhD student

His project investigates the use of commonly prescribed pharmacological products and the risk of developing dementia disorders.

Latest update: 29. December 2020