NATIONALT VIDENSCENTER FOR DEMENS

PhD students

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

Her 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 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.

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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

Her project aims to investigate how small vesicles secreted by brain cells are changed in FTD-3 and AD, using clinical samples and patient-derived brain cells. She will investigate if these vesicles can be responsible for disease progression and if infections have an impact on the cellular vesicles.

Oskar McWilliam
MD, PhD student

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

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 gene-mutation carriers.

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Nelsan Pourhadi
MD, PhD student

Using the national Danish health registries, his project investigates the use of commonly prescribed pharmacological products and the risk of developing dementia disorders.

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