

Session title: Cognition & Neurodevelopmental Disorders

Description

This session provides a selection of studies across the life course, from childhood to late-life, within the broad field of cognition and neurodevelopmental disorders. The presentations will address aggression, cognitive abilities, and dementia, as well as the unique methodological opportunities gained from studying twin cohorts.

Co-Chairs:

Jaakko Kaprio, MD, PhD

Institute for Molecular Medicine Finland, University of Helsinki, Finland

Ida Karlsson, PhD

Department of Medical Epidemiology and Biostatistics, Karolinska Institutet, Sweden

Speakers

1. Camiel M. van der Laan, MSc

Continuity of genetic risk for aggression across the life-course

Biological Psychology, Vrije Universiteit, Amsterdam, The Netherlands

Camiel van der Laan, MSc, is working as a postdoc at the department of Biological Psychology at the Vrije Universiteit Amsterdam. In the last four years, his research focused on genetic and environmental influences on aggression, with an emphasis on drivers of intergenerational and longitudinal continuity of aggression. c.m.vander.laan@vu.nl



2. Laura Ekstrøm Løkkegaard, MD

Postmenopausal hormone therapy and dementia

Epidemiology, Biostatistics and Biodemography, University of Southern Denmark, Odense, Denmark

Laura Ekstrøm Løkkegaard, MD, is a PhD student at the Department of Epidemiology, Biostatistics, and Biodemography from University of Southern Denmark. Her research concentrates on the late-life health effects of postmenopausal hormone therapy among Danish women with emphasis on twins, and uses data from the Danish Twin Registry. leloekkegaard@health.sdu.dk



3. Malin Ericsson, PhD

Educational influences on cognitive aging: Exploring unequal opportunities through genetic propensities and societal change

Department of Medical Epidemiology and Biostatistics, Karolinska Institutet, Stockholm, Sweden

Malin Ericsson, PhD, is a postdoc working at Karolinska Institutet and the University of Melbourne. In her current work, the aim is to utilize recently available genetic data in combination with family based designs, to get a better understanding of mechanisms and underlying causes of health inequalities in aging. malin.ericsson@ki.se



4. Eero Vuoksimaa, PhD

NONAGINTA study – cognition in 90-year-old twins

Institute for Molecular Medicine Finland (FIMM), University of Helsinki, Helsinki, Finland

Eero Vuoksimaa, PhD, is Academy of Finland Research Fellow and group leader of Cognitive and Brain Aging group at the Institute for Molecular Medicine Finland (FIMM), University of Helsinki. He is a principal investigator of the NONAGINTA – memory and health in 90-year-olds – twin study.



5. To be selected from abstracts