

Press release

Please fill in this form and return it to graduateschoolhealth@au.dk in Word format along with a portrait photo in JPEG format, if you would like it to accompany your press release, no later than three weeks prior to your defence.

Basic information

Name: Aja Neergaard Greve Email: ajagreve@rm.dk Phone: 61797035

Department of: Clinical Medicine

Main supervisor: Professor Ole Mors

Title of dissertation: The association between cognition in parents with schizophrenia or bipolar disorder and their offspring

Date for defence: 2018-05-31 at (time of day): 10-12 am Place: Auditoriet, Aarhus University Hospital Risskov, Skovagervej 2, Entrance 30, 8240 Risskov

Press release (Danish)

Sammenhængen mellem kognition hos forældre med skizofreni eller bipolar affektiv sindslidelse og deres børn

Kognitive deficits er centrale karakteristika ved skizofreni og i mindre grad også ved bipolar affektiv sindslidelse. Tidligere undersøgelser har fundet kognitive deficits hos børn af forældre med skizofreni og bipolar affektiv sindslidelse. Kognitive deficits hos børnene kan afspejle øget risiko for senere udvikling af skizofreni og bipolar affektiv sindslidelse.

I et nyt ph.d.-projekt fra Aarhus Universitet, Health, har psykolog og ph.d.-studerende Aja Neergaard Greve undersøgt sammenhænge mellem kognition hos forældre med skizofreni eller bipolar affektiv sindslidelse og deres børn. I projektet anvendtes data fra Sessionsregistret og Det Danske Psykiatriske Centrale Forskningsregister samt data fra The Danish High Risk and Resilience Study – VIA7. VIA7 er en landsdækkende kohorte bestående af 522 syv-årige børn med enten 0, 1 eller 2 forældre diagnosticeret med skizofreni eller bipolar affektiv sindslidelse.

Projektet tilføjer ny viden om kognitive fænotyper og arvelighed af kognition, hvilket kan bidrage til øget forståelse af den underliggende patologi og tidlige sårbarhed.

Forsvaret af ph.d.-projektet er offentligt og finder sted den 31/5 2018 kl. 10.00 i Auditoriet, Aarhus Universitets Hospital Risskov, Indgang 30, Skovagervej 2, 8240 Risskov. Titlen på projektet er "The association between cognition in parents with schizophrenia or bipolar disorder and their offspring". Yderligere oplysninger: Ph.d.-studerende Aja Neergaard Greve, e-mail: ajagreve@rm.dk, tlf. 61797035.

Bedømmelsesudvalg:

Professor Charlotte Rask, MD PhD, (Chairman)

Department of Clinical Medicine, Aarhus University, Research Clinic for Functional Disorder and Psychosomatics, Aarhus University Hospital, Regional Centre for Child and Adolescent Psychiatry, Aarhus University Hospital Risskov, Denmark.

Professor Vera Morgan, PhD

Neuropsychiatric Epidemiology Research Unit, School of Psychiatry & Clinical Neurosciences, the University of Western Australia, Crawley, WA, Australia.

Senior Researcher Birgitte Fagerlund, PhD

Center for Neuropsychiatric Schizophrenia Research (CNSR), Center for Clinical Intervention and Neuropsychiatric Schizophrenia Research (CINS), Mental Health Centre Glostrup, University of

Copenhagen, Department of Clinical Medicine, Faculty of Health and Medical Sciences, University of Copenhagen, Denmark.

Press release (English)

The association between cognition in parents with schizophrenia or bipolar disorder and their offspring

Cognitive impairments are central characteristics of schizophrenia, and to a lesser extent of bipolar disorder. Previous work has demonstrated cognitive deficits in offspring of parents with schizophrenia and bipolar disorder. These cognitive deficits may reflect increased risk for later development of schizophrenia and bipolar disorder.

In a new PhD project from Aarhus University, Health, Psychologist and PhD student Aja Neergaard Greve has investigated associations between cognition in parents with schizophrenia or bipolar disorder and their offspring. Data from the Danish Conscription Registry and the Danish Psychiatric Central Research Register was used as well as data from The Danish High Risk and Resilience Study – VIA7. VIA7 is a nationwide cohort consisting of 522 children aged 7 with either 0, 1, or 2 parents diagnosed with schizophrenia or bipolar disorder and their parents.

The project provides information on cognitive phenotypes and heritability of cognition which can contribute to improve our understanding of the underlying pathology and early vulnerabilities.

The defence is public and takes place on 31/5 2018 at 10.00 am in Auditoriet, Aarhus University Hospital Risskov, Skovagervej 2, Entrance 30, 8240 Risskov. The title of the project is "The association between cognition in parents with schizophrenia or bipolar disorder and their offspring". For more information, please contact PhD student Aja Neergaard Greve, email: ajagreve@rm.dk, Phone +45 61797035.

Assessment committee:

Professor Charlotte Rask, MD PhD, (Chairman)

Department of Clinical Medicine, Aarhus University, Research Clinic for Functional Disorder and Psychosomatics, Aarhus University Hospital, Regional Centre for Child and Adolescent Psychiatry, Aarhus University Hospital Risskov, Denmark.

Professor Vera Morgan, PhD

Neuropsychiatric Epidemiology Research Unit, School of Psychiatry & Clinical Neurosciences, the University of Western Australia, Crawley, WA, Australia.

Senior Researcher Birgitte Fagerlund, PhD

Center for Neuropsychiatric Schizophrenia Research (CNSR), Center for Clinical Intervention and Neuropsychiatric Schizophrenia Research (CINS), Mental Health Centre Glostrup, University of Copenhagen, Department of Clinical Medicine, Faculty of Health and Medical Sciences, University of Copenhagen, Denmark.

Permission

By sending in this form:

- I hereby grant permission to publish the above Danish and English press releases as well as any submitted photo.
- I confirm that I have been informed that any applicable inventions shall be treated confidentially and shall under no circumstances whatsoever be published, presented or mentioned prior to submission of a patent application, and that I have an obligation to inform my head of department and the university's Patents Committee if I believe I have made an invention in connection with my work. I also confirm that I am not aware that publication violates any other possible holders of a copyright.

