

Press release

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Basic information

Name: Oskar Hougaard Jepsen

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Department of: Clinical Medicine

Main supervisor: Yury Shtyrov

Title of dissertation: Neurophysiological brain responses and school performance in adolescents at familial/genetic risk of severe mental illness

Date for defence: July 5th at (time of day): 09.00 Place: Aarhus University Hospital, Auditorium G206-145

Press release (Danish)

Invitation - Ph.D. forsvar

Kan hjernescanninger bruges til at finde tidlige tegn på skizofreni og bipolar lidelse? Dette belyses i et nyt ph.d.-projekt fra Aarhus Universitet, Health. Projektet er gennemført af Oskar Hougaard Jepsen, der forsvare det d. 5/7.

Skizofreni og bipolar lidelse er svære psykiske sygdomme. Begge sygdomme skyldes et komplekst samspil mellem genetik og miljø og børn til syge forældre har derfor forhøjet risiko for selv at blive syge. Der mangler dog redskaber til at forudsige, hvem der er i størst risiko for at blive syge, hvordan sygdommene udvikler sig og hvad man kan gøre for at forebygge udvikling af skizofreni og bipolar sygdom. Oskar Hougaard Jepsen har i sit ph.d. projekt undersøgt hvordan familiær og genetisk disposition til skizofreni og bipolar lidelse viser sig i ungdommen - i form af hjerneaktivitet og skolekarakterer. Forsvaret af ph.d.-projektet er offentligt og finder sted den 5/7 kl. 9.00 på Aarhus Universitetshospital, Auditorium G206-145, Aarhus N, 8200. Titlen på projektet er "Neurophysiological brain responses and school performance in adolescents at familial/genetic risk of severe mental illness". Yderligere oplysninger: Ph.d.-studerende Oskar Hougaard Jepsen, e-mail: oskar.jepsen@rm.dk, tlf. 30112066.

Bedømmelsesudvalg:

Marta Garrido, PhD, Professor i psykologi ved Melbourne School of Psychological Sciences, The University of Melbourne, Australien.

Juanita Todd, Professor i psykologi ved The University of Newcastle, Australien.

Charlotte Ulrikka Rask, Klinisk professor i Børne- og Ungdomspsykiatri, AUH - Psykiatrien (formand for bedømmelsesudvalget).

Press release (English)

Invitation - PhD defence

Can brain scans be used to find early signs of schizophrenia or bipolar disorder? A new PhD-projects investigates the question. The project was carried out by Oskar Hougaard Jepsen, who is defending his dissertation on 5/7.

Schizophrenia and bipolar disorder are severe mental illnesses. Both disorders arise from a complex interplay between genes and environment and children to ill parents are thus at an increased risk of becoming ill themselves. However, there is a lack of tools to predict who will develop these illnesses, how they develop, and how they can be prevented. In his PhD-project, Oskar Hougaard Jepsen has investigated how familial and genetic risk of schizophrenia and bipolar disorder is express in

adolescence - in brain activity and in school performance. The defence is public and takes place on 5/7 at 9 AM, at Aarhus University Hospital, Auditorium G206-145, Aarhus N, 8200. The title of the project is Neurophysiological brain responses and school performance in adolescents at familial/genetic risk of severe mental illness. For more information, please contact PhD student Oskar Hougaard Jepsen, email: oskar.jepsen@rm.dk, Phone +45 30112066.

Assessment committee:

Marta Garrido, PhD, Professor of Psychology, Melbourne School of Psychological Sciences, The University of Melbourne, Australia.

Juanita Todd, Professor of psychology, The University of Newcastle, Australien.

Charlotte Ulrikka Rask, Clinical professor, Child- and adolescent psychiatry, Aarhus University Hospital - Psychiatry (chairman of the committee).

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