

Inauguration Symposium

K.G. Jebsen Centre for Research on Neuropsychiatric Disorders



Neurobiology of ADHD and related disorders

The International Multicentre persistent ADHD Collaboration – IMpACT
& K.G. Jebsen Centre for Research on Neuropsychiatric Disorders,
University of Bergen, Norway.

Thursday 5th of May 2011. Auditorium 1,3rd Floor, BBB, Jonas Lies vei 91.

Free admission

8:30 Welcome and Introduction by Jan Haavik and Kåre Rommetveit, Bergen

Scientific Programme

Session 1:

8:40-9:00 *ADHD; impulsivity and emotional dysregulation – same but different.* Andreas Reif, Würzburg

9:05-9:25 *ADHD and bipolar disorder: Comorbidity with somatic disorders, clinical findings and biological mechanisms.* Ole Bernt Fasmer, Bergen

9:30-9:50 *The investigation of cognitive processes that share genetic effects with ADHD.* Phillip Asherson, London

Session 2:

10:25-10:45 *Measuring genetic and environmental risk factors in axis I and axis II psychiatric disorders.* Ted Reichborn-Kjennerud, Oslo

- 10:50-11:10 *What have we learned from molecular genetic studies on adult ADHD?* Barbara Franke, Nijmegen
- 11:15-11:35 *Exome sequencing of adult ADHD patients.* Stefan Johansson, Bergen

Session 3:

- 13:40-14:00 *miRNAs and psychiatric disorders. Ongoing project on ADHD.* Bru Cormand, Barcelona
- 14:05-14:25 *Autism and mental retardation is associated with a reduction of the serotonin-end metabolite 5HIAA in the CNS and co-occurrence of mutations in serotonin-related genes.* Beat Thöny, Zürich
- 14:30-14:50 *High-throughput screening of pharmacological chaperones for correction of mutant proteins: implications for neuropsychiatric disorders.* Aurora Martinez, Bergen
- 14:55-15:15 *Animal models in studies of neuropsychiatric disorders.* Klaus-Peter Lesch, Würzburg

Session 4:

- 15:50-16:10 *Brain function in ADHD; hunting for relevant endophenotypes.* Astri Lundervold, Bergen
- 16:15-16:35 *Regulation of emotions in ADHD.* Kerstin Plessen, Copenhagen-Bergen
- 16:40-17:00 *Imaging genetics in cognition.* Alejandro Arias-Vasquez and Martine Hoogman, Nijmegen
- 17:00-17:15 *Where do we go from here? Panel discussion,*
Chairs: Jan Haavik and Klaus-Peter Lesch

Friday 6th of May 2011. Auditorium 1, 3rd Floor, BBB, Jonas Lies vei 91.

Session 5:

- 13:00-13:10 *ADHD and substance abuse: clinical and genetic relationships.* Claiton Bau, Porto Alegre, Brazil
- 13:15-13:25 *Genetic overlap between ADHD and personality dimensions.* Andrew Merwood, London
- 13:30-13:40 *Impairments of set shifting in adults with ADHD.* Helene Halleland, Bergen

- 13:45-13:55 *MRI and spectroscopic studies of adults with ADHD.* Margaretha Dramsdahl, Bergen
- 14:00-14:15 *Implications of SLC2A3 duplication for ADHD - new insights from cellular and human research.* Sören Merker, Würzburg

Session 6:

- 14:40-14:50 *Diras2: A candidate gene for ADHD.* Lena Weißflog, Würzburg
- 14:55-15:05 *Projects from the BCN site: GWAS and transcriptomic profiling of pre-treatment and post-treatment patients.* Bru Cormand, Barcelona
- 15:10-15:20 *The effects of the DAT1 9-6 haplotype and the CDH13 gene on brain volumes in adult patients with ADHD and healthy adults.* Marten Onnink, Nijmegen
- 15:25-15:35 *Molecular and cellular functional studies on CDH13 genetic variants.* Thegna Mavroconstanti, Bergen
- 15:40-15:55 *Neuropsychiatric disorders and synaptic function: The role of neuronal plasticity.* Clive Bramham, Bergen
- 16:00-16:15 **General Discussion; closing remarks**



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