

1st Danish International Conference on Personalised Medicine

24-25th October 2023
Moesgaard Museum
Aarhus

Day 1

8:30-9:00 Coffee and registration

9:00-9:15 **Opening of meeting** Anne-Mette Hvas, Dean at the Faculty of Health, Aarhus University, Denmark
Welcome remarks Anders Børglum, Managing Professor of the Personalised Medicine Network, Aarhus University, Denmark

SESSION I: "HUMAN DIVERSITY"

(Chair: Anders Børglum)

9:15-10:05 **Opening Keynote: Study of human diversity** Kári Stefánsson, deCode Genetics, Iceland

10:05-10:35 **Genetics of ADHD – risk loci and genetic overlap with other phenotypes** Ditte Demontis, Aarhus University, Denmark

10:35-10:50 **Systematic investigation of allelic regulatory activity of psychiatric disorder risk variants** Hyejung Won, University of North Carolina at Chapel Hill, NC, USA

10:50-11:10 Coffee with light refreshment, poster viewing and networking

SESSION II: "TOWARDS PERSONALISED PSYCHIATRY"

(Chairs: Doug Speed & Ole Köhler-Forsberg)

11:10-12:00 **Keynote: The potential and the barriers for genetic personalised medicine in psychiatry** Cathryn Lewis, Kings College London, United Kingdom

12:00-12:30 **Polygenic aspects of childhood neurodevelopmental disorders** Jakob Grove, Aarhus University, Denmark

12:30-12:40 **Flash talk:**
Polygenic liabilities and treatment trajectories in early-onset depression
(presenter: Jessica Mundy)

12:40-13:35 Lunch and networking

13:35-15:05 Poster session and coffee & cake

Day 1 (continued)

SESSION III: "DISEASE PROGRESSION AND PHENOTYPIC VARIATION"

(Chairs: Claus Gravholt & Camilla Blunk Brandt)

15:05-15:35

Deep learning approaches for analysis of population-wide disease progression data Søren Brunak, University of Copenhagen, Denmark

15:35-16:05

Expanding the phenotypic spectrum of calmodulinopathies Mette Nyegaard, Aalborg University, Denmark

16:05-16:35

Introducing a decision support tool - The Ischemic Heart Disease Algorithm - in clinical practice - a randomised clinical trial Henning Bundgaard, Rigshospitalet, Copenhagen, Denmark

16:35-16:55

Flash talks:

Exploring the impact of BMI on cancer development (presenter: Johanne Ahrenfeldt)

The information system, a unique work tool to optimize drug safety during pregnancy (presenter: Line Kolding og Jakob N. Henriksen)

17:30-20:00

Conference dinner/reception

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