

Second annual meeting

8th November 2022 at 9:00-16:00
The AIAS Auditorium, Aarhus University
Høegh-Guldbergs Gade 6B, 8000 Aarhus C

- 9:00** **Opening remarks** by Hans Erik Bøtker, Vice-Dean for Research at the Faculty of Health, Aarhus University
- Welcome** by Anders Børglum, Chair of the Personalised Medicine Network and Professor at the Dept. of Biomedicine, Aarhus University
- SESSION I** (chair: Anders Børglum)
- 9:15** **The genetic architecture of depression** Andrew McIntosh, Professor at the Division of Psychiatry, University of Edinburgh, Scotland
- 9:55** **Improving the clinical value of genetic risk scores** Bjarni J. Vilhjálmsón, Professor at the National Centre for Register-based Research and the Bioinformatics Research Centre, Aarhus University
- 10:25** **Break, poster viewing and networking**
- SESSION II** (chair: Signe Borgquist)
- 11:00** **The national initiatives for implementing Precision Cancer Medicine in Norway**
Molecular heterogeneity in Ductal Carcinoma in Situ Therese Sørli, Head of the Dept. Cancer Genetics, Oslo University Hospital and Adjunct Professor at the University of Oslo, Norway
- 11:40** **Toward personalized treatment of immunodeficiencies by targeted gene correction** Jacob Giehm Mikkelsen, Professor at the Dept. of Biomedicine, Aarhus University
- 12:10** **Flash talks (1-2)**
Identification of women at high risk of postpartum psychiatric episodes (Presenter: Janne Tidselbak Larsen)
Rare coding variants in autism and comorbid subgroups (Presenter: Jinjie Duan)
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12:30 Lunch and networking

13:15 **Poster session** (chairs: Doug Speed & Lars Dyrskjøt Andersen)

The poster presenter is asked to give a three-minute oral presentation in English followed by two minutes for discussion. The chairs will select the best poster, which will be awarded a prize.

For an overview of poster presentations, please see next page

SESSION III (chair: Deirdre Cronin Fenton)

14:00 **Introduction to Omics Focus Group** Joanna Kalucka, Assistant Professor at the Dept. of Biomedicine & Christian Damsgaard, Assistant Professor at the Dept. of Biology, Aarhus University

14:05 **Biomarker development for personalized prostate cancer management** Karina Dalgaard Sørensen, Professor at the Dept. of Clinical Medicine – Molecular Medicine, Aarhus University

14:35 **Brain-first and body-first subtypes of Parkinson's disease** Per Borghammer, Professor at the Dept. of Clinical Medicine – Nuclear Medicine and PET, Aarhus University

15:05 **Flash talks (3-4)**

LDAK-GBAT: fast and powerful gene-based association testing using summary statistics (Presenter: Takiy Berrandou)

Affinity profiling of RNA aptamers on plasma as a potential diagnostic tool for bladder cancer (Presenter: Søren Fjelstrup)

15:25 **Closing remarks and poster award**

15:35 Coffee & cake, poster viewing and networking
