AARHUS UNIVERSITY HEALTH

THE PERSONALISED MEDICINE NETWORK

Fourth annual meeting

3 November 2026 at 8:30-16:00
The AIAS Auditorium, Aarhus University
Høegh Guldbergs Gade 6B, 8000 Aarhus C

08.30 **Opening remarks** by Per Brøndsted Höllsberg, Vice-dean for Research, Faculty of Health, Aarhus University
Welcome by Professors Deirdre Cronin Fenton and Anders Børglum, Chairs of the Personalised Medicine Network, Aarhus University

SESSION I: Towards Precision Psychiatry
Chairs: Ditte Demontis and Anders Børglum

08.45 **Aligning brain organoid findings with clinical evidence in psychiatry** Assistant Professor Carl Sellgren Majkowitz, Applied Developmental Neurobiology, Karolinska Institutet

09.25 **Toward Precision Medicine in Anorexia Nervosa: Insights from Danish Register-Based Research** Senior Researcher Zeynep Yilmaz, Department of Public Health, Aarhus University

Flash talks (1-2)

09.55 Fast and accurate construction of polygenic risk scores using summary statistics from multiple GWAS (Presenter: Doug Speed)

10.10 Shared rare coding variant architecture across autism and ADHD confers high risk and implicates neural biology (Presenter: Jinjie Duan)

10.25 **Break and poster session I**

SESSION II: Precision Therapies for Duchenne Muscular Dystrophy
Chairs: Uffe Birk Jensen and Camilla Blunk Brandt

11:00 **Antisense oligonucleotide therapies for Duchenne Muscular Dystrophy: where are we?** Professor Francesco Muntoni, Developmental Neurosciences Department, University College London

11.40 **AI-Guided CRISPR Therapy for Duchenne Muscular Dystrophy** Professor Yonglun Luo, Department of Biomedicine, Aarhus University

Flash talks (3-4)

12.10 Reactivating muscle stem cells delays disease progression in a mouse model for Duchenne Muscular Dystrophy (Presenter: Shubhangi Das Barman)

12:25 CRISPR activation in lymphoblastoid cells for functional investigation of spliceogenic variants in low-expressed genes (Presenter: Thorkild Terkelsen)

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12:40 **Lunch and networking**

SESSION III: Translational and PM Approaches in Metabolic and Kidney Diseases
Chair: Palle Villesen

13.25 **Advancing Precision Medicine Through Real-Time Assessment of Human Energy Metabolism** Researcher Nikolaj Rittig, Steno Diabetes Center Aarhus, Aarhus University hospital

Flash talk (5)

13:50 Rejuvenating muscle health in aged mice by targeting muscle stem cells' endogenous regulators (Presenter: M. Pilar J. Stella)

14:05 **Poster session II, coffee and cake**

14.40 **Pseudoexons: A cause of disease and a therapeutic option in personalized medicine** Professor Brage Storstein Andresen, Department of Biochemistry and Molecular Biology, University of Southern Denmark

15:20 Closing remarks and awards