

Forskningsforum 2023



Tuesday april 25th

Kl. 09.30 **Welcome**

Kl. 09.45 **News in diabetes epidemiology**

Chair: Lars Christian Stene

Ed Gregg, Imperial College London, UK

Kl. 10.30 **New diabetes classification and personalized diabetes treatment**

Chair: Pål R. Njølstad

A novel diabetes typology

Michael Roden, German Diabetes Center, Düsseldorf, Germany

Norwegian and Nordic initiatives in personalized diabetes treatment

Pål R. Njølstad, University of Bergen

Kl. 11.20 **Break**

Kl. 11.40 **Cardiorenal syndrome**

Chair: Trond G. Jenssen

The kidney in obesity and diabetes – a clinical challenge

Esteban Porrini, University of La Laguna, Spain

The cardiorenal syndrome – a new diabetes complication?

Kåre I. Birkeland, University of Oslo

Kl. 12.30 **Break**

Diabetesforum 2023

Parallel sessions kl. 13.30–15.00

Parallel 1

Kl. 13.30

Islet and stem cells

Chair: Trond G. Jenssen

Can treatment with decidual stem cells modulate autoimmune processes?

Hanne Scholz, University of Oslo

Stem cells for treatment of type 1 diabetes

Per-Ola Carlsson, Uppsala University

Studies on T2D disease mechanisms in human islets

Nils Wierup, Lund University Diabetes Centre

The beta cell in ageing

Simona Chera, University of Bergen

Parallel 2

Kl. 13.30

Technology in the prevention and treatment of type 2 diabetes

Chair: Anne-Marie Aas

DiAchieve: a new e-health lifestyle program for improved self-management and remission of type 2 diabetes

Results from the user investigation and challenges in using novel technology in diabetes research

Anne-Marie Aas, Oslo university hospital/University of Oslo

Tina Rishaug and Eirik Årsand, University of Tromsø

Dietary advice delivered by a personalised mobile application to improve glucose control for adults with type 2 diabetes (PROTEIN study)

Elena Lalama, Charité Universitätsmedizin Berlin

Use of technology in the delivery of dietary intervention in research: the DIAKOST study

Kristin Amundsen, University of Bergen

Panel discussion (all speakers)

Kl. 15.00

Break

Kl. 15.30

Poster presentations

Speed presentations in plenum:

Followed by interactive poster presentations in groups

Kl. 17.15

Break

Diabetesforum 2023

Parallel sessions kl. 17.30–19.00

Parallel 3

Kl. 17.30 **Children and adolescents: new approaches to treatment and prevention**

Chair: Kåre I. Birkeland

Results from the DiVID intervention study and the road ahead

Lars Krogvold, Oslo university hospital

Association between different treatment alternatives and glycemic control and health-related quality of life in children and adolescents with type 1 diabetes

Heiko Bratke, Helse Fonna, University of Bergen

Open-Source Automated Insulin Delivery in Type 1 Diabetes (on Zoom)

Martin de Bock, University of Otago, New Zealand

Parallel 4

Kl. 17.30 **Patient-reported data to improve quality of diabetes care**

Chair: Anne Haugstvedt og Tone Vonheim Madsen

Diabetes distress research and the use of PAID to assess clinically significant diabetes distress (on Zoom)

Timothy Skinner, Professor of Health Psychology, Institute of Psychology, University of Copenhagen

Diabetes distress and associated factors among 10.186 adults with type 1 diabetes: A study from the Norwegian Diabetes Register for Adults

Ingvild Hernar, Haukeland University Hospital, Western Norway University of Applied Sciences

Diabetes distress and associated factors among people with type 2 diabetes in Norway: The Trøndelag health study 2018 (HUNT4)

Hilde Refvik Riise, Haukeland University Hospital, Western Norway University of Applied Sciences

Patient-reported experiences with diabetes follow-up:

A register-based study among 10.391 adults with type 1 in the Norwegian Diabetes Register for Adults

John G. Cooper, Norwegian Diabetes Register for Adults

Summary

Kl. 20.00 **Dinner**

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Wednesday april 26th

Kl. 08.00 Causal inference using genes

Chairs: Bjørn Olav Åsvold and Pål R. Njølstad

Mendelian randomization: How to interpret the results of MR studies, and what insights in diabetes have we learnt from MR? (on Zoom)

Michael Holmes, 23andme, California, USA

Genes and early growth: Lessons from genetic studies of birth weight and placenta weight

Stefan Johansson, University of Bergen

Intrauterine health: Separating maternal and offspring effects using Mendelian randomization

Gunn-Helen Moen, University of Queensland, Brisbane, Australia

Kl. 09.15 Break

Kl. 09.30 Registry data

Chair: Tone Vonheim Madsen og Lars Christian Stene

The benefits and challenges of population-based diabetes registers for research: a Scottish perspective

Sarah Wild, The University of Edinburgh, Scotland

The Norwegian diabetes registry for adults- anno 2023

Status completeness and validity, examples and how to get started

John Cooper, Norwegian Diabetes Register for Adults

Links between registers - Covid-19 and diabetes

Hanne L. Gulseth, Norwegian Institute of Public Health

Kl. 10.45 Break

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Parallel sessions kl. 11.00–12.15

Parallel 5

Kl. 11.00 **Inflammation in the pathogenesis of insulin resistance and type 2 diabetes. Causally related or an innocent bystander?**

Chair: Pål R. Njølstad and Kåre I. Birkeland

Understanding the complexity of insulin resistance

Mikael Ryden, Karolinska Institutet, Stockholm, Sweden

The fat tissue is the culprit

Simon Dankel, University of Bergen

Muscle is the culprit

Sindre Lee-Ødegård, University of Oslo

Parallel 6

Kl. 11.00 **Psychosocial functioning among people with diabetes**

Chair: Line Wisting og Anne Haugstvedt

Can routine use of patient-reported data improve the delivery of person-centered diabetes care?

Søren Skovlund, Aalborg University, Denmark

The Body project – 6 months follow-up, multicentred RCT

Line Wisting, Oslo University Hospital

Should I stay or should I go? An overview of the evidence for the effectiveness of cognitive behaviour therapy (CBT) in improving glycaemic control for people with type 1 diabetes

Khalida Ismail, King's College London, UK

Discussion and closure

Kl. 12.15 **Lunch**

