



# Danish Diabetes Academy

Annual Meeting for North  
European Young  
Diabetologists (NEYD)

8-10 May 2019

Sinatur Hotel Frederiksdal,  
Fredeiksdalvej 360  
DK-2800 Kgs. Lyngby

# Programme

## Wednesday 8 May



13:00-14:00 Registration & lunch

14:10-14:20 Welcome & introduction  
by MD, PhD Asger Lund (DK) & MD, PhD Carsten Dirksen (DK)

### Session I **Autoimmune & Monogenetic Diabetes**

Chair: MD Anouk Janssen (NL) & MD, PhD Asger Lund (DK)

14:20-14:40 Proportion of basal to total insulin dose is associated with metabolic control, body mass index, and treatment modality in children with type 1 diabetes

**Vinnie Faber Rasmussen** (DK)

14:40-15:00 Effect of the GLP-1 receptor agonist exenatide on impaired awareness of hypoglycemia in patients with type 1 diabetes and impaired awareness of hypoglycemia

**Lian van Meijel** (NL)

15:00-15:20 Assessment of intrahepatic islet of Langerhans transplantation with dynamic [<sup>68</sup>Ga] Ga-NODAGA-exendin 4 PET imaging

**Tom Jansen** (NL)

15:20-15:40 Investigating the effect of gliclazide on glucagon secretion in HNF1-alpha and HNF4-alpha MODY

**John Spiliotis** (UK)

15:40-16:00 Coffee break

### Session II **Diabetes in Special Populations**

Chair: Dr Clare Whicher (UK) & Dr Peter R. van Dijk (NL)

16:00-16:20 Physical activity improves glycemia in homozygous TBC1D4 loss-of-function mutation carriers

**Theresia M. Schnurr** (DK)

- 16:20-16:40 Performance of existing risk assessment models for prevalent of undiagnosed type 2 diabetes mellitus in a multi-ethnic population  
**Morgan Obura** (NL)
- 16:40-17:00 Type 3c diabetes is common in patients with chronic pancreatitis  
**Ayat Bashir** (UK)
- 17:00-17:20 Pancreatic replacement therapy and glycaemic control in diabetes  
**Katherine Alington** (UK)
- 17:20-17:30 Coffee break
- 17:30-18:30 Senior Debate: Diabetes Treatment & Prevention  
Professor **Jens Meldgaard Bruun**, Steno Diabetes Center Aarhus (DK) & Professor **Vinod Patel**, University of Warwick (UK)  
MSD and NAPP are sponsors of this debate
- 19:15-21:00 Welcome drink & dinner
- 21:00 Networking

# Programme

## Thursday 9 May

07:30-08:30 Breakfast

### Session III Gut Hormones & SGLTs

Chair: Dr Clare Whicher (UK) & MD, PhD Asger Lund (DK)

09:00-09:20 SGLT-1 mediated glucose absorption is important for incretin hormone secretion after gastric bypass surgery

**Christoffer Martinussen** (DK)

09:20-09:40 No effect of the TCF7L2 variant rs7903146 T allele on the incretin effect in individuals with normal glucose tolerance or type 2 diabetes

**David S. Mathiesen** (DK)

09:40-10:00 Glucagon secretion from the human gastrointestinal tract

**Mille Baekdal** (DK)

10:00-10:20 Dapagliflozin reduces measured GFR by reducing renal efferent arteriolar resistance in type 2 diabetes

**Erik van Bommel** (NL)

10:20-10:40 Coffee break

### Session IV Obesity & Adipose Tissue

Chair: MD Anouk Janssen (NL) & MD, PhD Carsten Dirksen (DK)

10:40-11:00 Diverse hepatic microbial DNA fingerprints in healthy lean and obese steatotic humans

**Malte P. Suppli** (DK)

11:00-11:20	Beta cells in diabetes remission and hypoglycaemia after Roux-en-Y gastric bypass surgery, visualized by 68Ga-exendin-4 PET/CT <b>Marti Boss</b> (NL)
11:20-11:40	Hepatic fat and hepatic insulin sensitivity/extraction in black African populations <b>Meera Ladwa</b> (UK)
11:40-12:00	Prolonged $\beta_2$ -adrenergic agonist supplementation improves glucose homeostasis in obese UCP1 <sup>-/-</sup> mice <b>Sten van Beek</b> (NL)
12:00-12:20	<i>Hilpda</i> uncouples lipid storage in adipose tissue macrophages from inflammation and type 2 diabetes development <b>Xanthe van Dierendonck</b> (NL)
12:30-13:40	Lunch
13:40-14:30	Senior talk: topic TBA Professor <b>Eelco de Koning</b> , LUMC (NL)
14:30-15:00	Coffee break
15:00-18:30	Workshop
19:15-21:00	Dinner
21:00	Networking

# Programme

## Friday 10 May

07:30-08:30 Breakfast

### Session V Metabolic Risk Factors

Chair: Dr Peter R. van Dijk (NL) & MD, PhD Carsten Dirksen (DK)

09:00-09:20 LC-MS lipidomics of human adipose biopsies obtained from four body areas

**Naba Al-Sari** (DK)

09:20-09:40 Exposure to endocrine disrupting chemicals in the Dutch general population is associated with metabolic traits

**Tom van der Meer** (NL)

09:40-10:00 Moderate defects in DNA damage repair aggravate the risk of impairments in glucose metabolism

**Andrea Postmus** (NL)

10:00-10:20 Metabolic measurements are associated with glycaemic control and progression of type 2 diabetes

**Emma Schoep** (NL)

10:20-10:40 Coffee break

### Session VI Management of Type 2 Diabetes

Chair: MD Anouk Janssen (NL) & MD, PhD Asger Lund (DK)

10:40-11:00 Feasibility study of a novel way to initiate insulin treatment in persons with type 2 diabetes

**Tinna Björk Aradóttir** (DK)

11:00-11:20 Treatment of glucocorticoid-induced diabetes – a randomized multicenter study

**Carina Kirstine Klarskov** (DK)

11:20-11:40 Metformin monotherapy for adults with type 2 diabetes mellitus  
**Filip Gnesin** (DK)

11:40-12:00 Introduction of a colour coded blood glucose monitoring chart  
leads to lowered length of hospital stay and mortality  
**Vivek Sharma** (UK)

13:00-14:00 Lunch & prize

# Organising Committee

**Dr Clare Whicher**

Southern Health NHS Foundation Trust (UK)

**Dr Peter R. van Dijk**

Groningen University Hospital (NL)

**MD Anouk Janssen**

Radboud University Medical Center (NL)

**MD, PhD Carsten Dirksen**

Copenhagen University Hospital Hvidovre (DK)

**MD, PhD Asger Lund**

Steno Diabetes Center Copenhagen, Copenhagen University Hospital Gentofte (DK)



**SANOFI** 



**Danish Diabetes Academy**

Funded by the Novo Nordisk Foundation