

Diabetes Research - Methodology of exploring pathophysiology, prevention and treatment of diabetes and its complications.

November 13-15, 2019

**The auditorium, Department of Nephrology P 2132
Copenhagen University Hospital**

Wednesday 13.11.19

- 09.00 – 09.40 **Introduction and a overview of diabetes**
*Elisabeth Mathiesen, Professor, Chief physician, DMSc
Department of Endocrinology and Metabolism, Copenhagen
University Hospital*
*Bo Feldt-Rasmussen, Head of Department, Professor, MD, DMSc
Department of Nephrology, Copenhagen University Hospital*
- 09.40 – 09.45 **Break**
- 09.45 – 10.25 **Epidemiology**
*Marit Eika Jørgensen, Professor, Chief physician, Ph.d.
Steno Diabetes Center*
- 10.25 – 11.00 **Coffee**
- 11.00 – 11.40 **Methods for evaluation of insulin resistance and beta cell
function**
*Sten Madsbad, Clinical Professor
Department of Clinical Medicine, Hvidovre Hospital*
- 11.40 – 11.45 **Break**
- 11.45 – 12.30 **Presentation of participants projects (1)**
- 12.30 – 13.15 **Lunch**
- 13.15 – 13.55 **The role of the gut microbiota in metabolic diseases**
*Trine Nielsen, Assistant professor, Ph.d.
The Novo Nordisk Foundation Center for Basic Metabolic Research,
Section for Metabolic Genetics, University of Copenhagen*
- 13.55 – 14.30 **Coffee**
- 14.30 – 15.10 **Type 2 diabetes – focus on inflammation and physical activity**
*Helga Ellingsgaard, PhD. Og Group leader at Center of Inflammation
and Metabolism and Center for Physical Activity Research,
Copenhagen University Hospital*
- 15.10 – 15.15 **Break**
- 15.15 – 16.00 **You are what you eat (ikke endeligt)**

Thursday, 14.11.19

- 09.00 – 09.40 **Molecular genetic methods in diabetes research - Genetics of non-autoimmune diabetes**
Torben Hansen, Professor Ph.d.
The Novo Nordisk Foundation Center for Basic Metabolic Research
Copenhagen Universitet
- 09.40 – 09.45 **Break**
- 09.45 – 10.25 **Incretins**
Tina Vilsbøll, Professor, Chief physician, MD, DMSc
Director of Center for Diabetes Research, Gentofte Hospital
- 10.25 – 11.00 **Coffee**
- 11.00 – 11.40 **Animal models in diabetes research**
Niels Jessen, Professor,
Clinical Pharmacology, Aarhus University Hospital
- 11.40 – 11.45 **Break**
- 11.45 – 12.35 **Immune pathogenesis of type I diabetes**
Thomas Mandrup-Poulsen, Professor, MD, DMSc
Department of Biomedical Sciences, Endocrinology Research
Section, University of Copenhagen
- 12.25 – 13.30 **Lunch**
- 13.30 – 14.10 **Hypoglycaemia**
Birger Thorsteinsson, Professor, Chief physician, DMSc
Department of Cardiology, Nephrology and Endocrinology,
Nordsjællands Hospital
- 14.10 – 14.30 **Coffee**
- 14.30 – 15.10 **Treatment of Type I diabetes with focus on technical solutions**
Kirsten Nørgaard, Chief physician, MR, DMSc
Department of Endocrinology, Hvidovre Hospital
- 15.10 – 15.15 **Break**
- 15.15 – 16.00 **Presentation of participants projects (2)**

Friday 15.11.19

- 09.00 – 09.40 **Nephropathy**
*Bo Feldt-Rasmussen, Head of Department, Professor, MD, DMSc
Department of Nephrology P 2132, Copenhagen University Hospital*
- 09.40 – 09.45 **Break**
- 09.45 – 10.25 **The heart in diabetes**
*Klaus Fuglsang Kofoed, Chief physician, DMSc
Cardiology Laboratory, Copenhagen University Hospital*
- 10.25 – 11.00 **Coffee**
- 11.00 – 11.40 **Stem cells in diabetes research**
*Nicolaj Strøyer Christophersen, Senior Project Manager
Global research, Novo Nordisk A/S*
- 11.40 – 11.45 **Break**
- 11.45 – 12.25 **Neuropathy**
*Niels Ejlskjær, Clinical Professor, Chief Physician, Ph.d.
Departments of Clinical Medicine and Endocrinology,
Aalborg University Hospital*
- 12.25 – 13.30 **Lunch**
- 13.30 – 14.10 **Retinopathy**
*Michael Larsen, Professor, DMSc
Department of Ophthalmology, Glostrup Hospital*
- 14.10 – 14.15 **Break**
- 14.15 – 15.00 **Maternal hyperglycaemia – The impact on the next generation.**
*Peter Damm, Clinical Professor
Department of Obstetrics, Copenhagen University Hospital*
- 14.55 – 15.00 **Break**
- 15.00 – 15.45 **Diabetes and pregnancy**
*Elisabeth Mathiesen, Professor, Chief physician, DMSc
Department of Endocrinology, Copenhagen University Hospital*
- 15.45 – 16.00 **Evaluation**
*Elisabeth Mathiesen, Professor, Chief physician, DMSc
Bo Feldt-Rasmussen, Head of Department, Professor, DMSc*

Course leaders:

Professor, Chief physician, DMSc, Elisabeth R. Mathiesen, Department of Endocrinology
Head of Department, Professor, DMSc, Bo Feldt-Rasmussen, Department of Nephrology