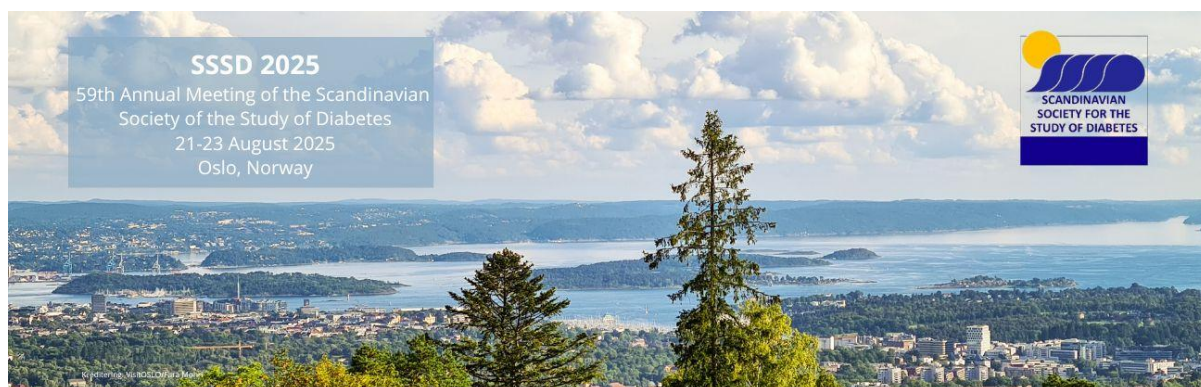


SCANDINAVIAN SOCIETY FOR THE STUDY OF DIABETES ANNUAL MEETING 2025



**THON HOTEL STORO, NYDALEN, OSLO,
AUGUST 21–23**

Thursday, August 21

09:00–11:00	Pre-symposium: Novo Nordisk	Chair: Kåre I. Birkeland, Department of Transplantation University of Oslo and Oslo University Hospital
09:00–10:00	<i>Glucose-sensitive insulin – status and future potential</i>	Rita Slaaby, Novo Nordisk, Copenhagen, Denmark
10:00–11:00	<i>Breaking barriers in beta cell replacement for T1D: From stem cell-derived islets to immunosuppression- free allogeneic success</i>	Hanne Scholz, Hybrid Technology Hub, University of Oslo and Oslo University Hospital, Oslo, Norway
11:00–12:00	Registration and lunch in exhibition area	
12:00–12:15	Opening and welcome remarks	Chair of SSSD Bjørn Olav Åsvold, HUNT Research Centre, Norwegian University of Science and Technology and Chair of local organizing committee Kåre I. Birkeland, Department of Transplantation University of Oslo and Oslo University Hospital
12:15–13:35	Session 1: Screening for diabetic eye and liver disease in the Nordic countries	Chair: Hanne Løvdal Gulseth, Division for Public Health and Prevention, Norwegian Institute of Public Health, Oslo, Norway
12:15–12:45	Keynote lecture: <i>Screening for advanced liver fibrosis due to metabolic dysfunction-associated steatotic liver disease alongside retina scanning in people with type 2 diabetes</i>	Hannes Hagström, Department of Medicine, Huddinge, Karolinska University Hospital, Huddinge, Sweden

12:45–13:35	<i>Status and experience with retinal screening in the Nordic countries. Short introductions from the panel participants followed by a round table discussion</i>	<p>Denmark – Frederik Persson, Department of Diabetes Care, Steno Diabetes Research Center, Copenhagen, Denmark</p> <p>Finland – Lena Thorn, Department of General Practice and Primary Health Care, University of Helsinki, Helsinki, Finland</p> <p>Iceland – Ragnar Grímur Bjarnason, School of Health Sciences, University of Iceland, Reykjavík, Iceland</p> <p>Norway – Morten C. Moe, Department of Ophthalmology, University of Oslo and Oslo University Hospital</p>
13:35–14:00	Coffee and visit to exhibition	
14:00–14:25	<p>The Swedish Child Diabetes Foundation’s Johnny Ludvigsson prize for excellent research in childhood and adolescent diabetes for Young Child Diabetes Researchers in Sweden</p> <p>Prize lecture: <i>IL-35 in focus: A New Frontier in Type 1 Diabetes Therapy</i></p>	<p>Chair: Johnny Ludvigsson, Crown Princess Victoria’s Children’s Hospital, Region Östergötland and Department of Biomedical and Clinical Sciences, Linköping University, Linköping, Sweden</p> <p>Kailash Singh, Department of Medical Cell Biology, Uppsala University, Uppsala, Sweden</p>
14:25–15:25	Abstract Presentations (Session Ia): Mechanisms and Pathophysiology of Diabetes (10 minutes each)	

<i>Norepinephrine reduces T cell motility in pancreatic islets during late stage islet infiltration during type 1 diabetes</i>	Gustaf Christoffersson, Department of Medical Cell Biology, Uppsala University, Uppsala, Sweden
<i>The inflammatory path toward type 1 diabetes begins during pregnancy</i>	Johnny Ludvigsson, Crown Princess Victoria's Children's Hospital, Region Östergötland and Department of Biomedical and Clinical Sciences, Linköping University, Linköping, Sweden
<i>Associations between retinal microvasculature and cognition among middle-aged adults with type 1 diabetes</i>	Iiris Kyläheiko, Department of Psychology, University of Helsinki and Department of Neurology, Kymenlaakso Central Hospital, Helsinki, Finland
<i>High prevalence of autoimmune comorbidities in Norwegian adults with type 1 diabetes: Similar HbA1c and vascular complication rates compared to type 1 diabetes only</i>	Kristine Vaage Hatlen, Division of Medicine and Laboratory Sciences, Akershus University Hospital and University of Oslo, Oslo, Norway
<i>Multi-ancestral, trans-generational genome-wide association meta-analysis of gestational diabetes mellitus and glycaemic traits during pregnancy</i>	Gunn-Helen Moen, Institute for Molecular Bioscience and Frazer Institute, The University of Queensland, Australia and Institute of Clinical Medicine, Faculty of Medicine, University of Oslo, Oslo, Norway
<i>In the Finnish DIPP Study, Offspring of Mothers with Type 1 Diabetes have Higher Functional Beta-cell Capacity than Offspring of Fathers with Type 1 Diabetes</i>	Katariina Talsi, University of Turku and Turku University Hospital, Turku, Finland

15:25–15:40	Coffee and visit to exhibition	
15:40–16:20	Abstract Presentations (Session I b): Mechanisms and Pathophysiology of Diabetes (10 minutes each)	
	<i>Do GLP1 and GIP receptor agonists have metabolic effects in human skeletal muscle cells?</i>	Ulrik Mjåseth, Department of Pharmacy, University of Oslo, Oslo, Norway
	<i>Testing for effects of nicotine on beta cell mitochondrial function, cell viability and protection against toxic conditions: No significant influence detected</i>	Valdemar Grill, Department of Clinical and Molecular Medicine, Norwegian University of Science and Technology, Trondheim, Norway
	<i>Low levels of all types of circulating LDL particles are associated with coronary arteries free from atherosclerosis in long-term type 1 diabetes. The Dialong study</i>	Marte Narum, Department of Endocrinology, Morbid Obesity and Preventive Medicine, Oslo University Hospital, and Institute of Clinical Medicine, University of Oslo, Oslo, Norway
	<i>The SGLT2 inhibitor empagliflozin promotes increased capacity for fatty acid oxidation in skeletal muscle cells</i>	Eili Kase, Department of Pharmacy, University of Oslo, Oslo, Norway
16:20–17:20	Novo Nordisk Foundation Nordic Diabetes Prize presented by Lena Eliasson, Chair, ENDO Committee, Novo Nordisk Foundation <i>Virus as cause of type 1 diabetes</i>	Knut Dahl-Jørgensen, Division of Paediatric and Adolescent Medicine, University of Oslo, Oslo, Norway
19:00	Welcome reception, Nydalen Bryggeri	

Friday, August 22

08:30–10:00	Session 2: Diabetes and gestational diabetes in South Asian populations	Chair: Elisabeth Qvigstad, Department of Endocrinology, Morbid Obesity and Preventive Medicine, University of Oslo and Oslo University Hospital, Oslo, Norway
08:30–09:00	Keynote lecture: <i>Early pregnancy HbA1c as the first screening test for gestational diabetes</i>	Ponnusamy Saravanan, Diabetes, Endocrinology & Metabolism, Warwick Medical School and George Eliot Hospital, Nuneaton, UK
09:00–09:15	<i>Prediabetes and diabetes after gestational diabetes in South Asian and Nordic women living in Norway</i>	Archana Sharma, Department of Endocrinology, Akershus University Hospital, Lørenskog, Norway
09:15–09:45	Keynote lecture: <i>Designing and implementing interventions to support healthy and active living in socioeconomically disadvantaged neighborhoods for the prevention of cardiometabolic diseases: a case from Uppsala, Sweden</i>	Meena Daivadanam, Global Health and Migration Unit, Department of Women's and Children's Health, Uppsala University, Sweden
09:45–10:00	<i>Tissue specific insulin resistance in South Asian and Nordic women after gestational diabetes.</i>	Sindre Lee-Ødegård, Department of Endocrinology, Morbid obesity and Preventive Medicine Oslo University Hospital, and University of Oslo, Oslo, Norway
10:00–10:30	Coffee and visit to exhibition	
10:30–11:30	Abstract Presentations (Session II) Innovative Management and Treatment Strategies (10 minutes each)	

<i>Automated insulin delivery system decreases HbA1c by 6.4 mmol/mol 15–18 months after introduction in pediatric patients</i>	Jakob Hansen, Department of Health Sciences, Faculty of Medicine, University of Iceland, Reykjavík, Iceland
<i>Impact of preservation of beta cell function on glycemic control. Insights from CGM used in the DIAGNODE-2 trial</i>	Johnny Ludvigsson, Crown Princess Victoria's Children's Hospital, Region Östergötland and Department of Biomedical and Clinical Sciences, Linköping University, Linköping, Sweden
<i>Intensive Beta Cell Rescue at Diagnosis of Type 1 Diabetes: An open-label, controlled, prospective pilot study in children aged 10-17 years</i>	Berit Thorleifsson, Department of Pediatrics, Oslo University Hospital, Oslo, Norway
<i>Comparative Proteomics and Transcriptomics of Skeletal Muscle Cell Exosomes – Unique Profiles in Severely Obese Individuals with Type 2 Diabetes versus Normal Glucose Tolerance</i>	Stian Christiansen, Department of Life Sciences and Health, Oslo Metropolitan University, Oslo, Norway
<i>Tissue specific differences in insulin resistance in South Asian and Nordic women with prediabetes after gestational diabetes and controls</i>	Anita Suntharalingam Kvist, Department of Endocrinology, Morbid obesity and Preventive Medicine Oslo University Hospital, and University of Oslo
<i>DiaMester – e-Health Program for Type 2 Diabetes Self-Management and Remission</i>	Anne-Marie Aas, Department of Endocrinology, Morbid obesity and Preventive Medicine Oslo University Hospital, and University of Oslo

11:40–12:00	SSSD Young Investigator Award	Chair: Bjørn Olav Åsvold, HUNT Research Centre, Norwegian University of Science and Technology, Trondheim, Norway
	<i>Increasing Medication Use and Polypharmacy in Type 2 Diabetes: The Danish Experience From 2000 to 2020</i>	Karl Sebastian Johansson, Department of Clinical Pharmacology, Bispebjerg and Frederiksberg Hospital, Copenhagen, Denmark
12:00–13:00	Lunch and exhibition	
13:00–14:00	Session 3: Screening for type 1 diabetes risk?	Chair: Lars Christian Stene, Department of Chronic Diseases and Ageing, Norwegian Institute of Public Health, Oslo, Norway
	YES!	Flemming Pociot Translational Type 1 Diabetes Research, Copenhagen University Hospital/Steno Diabetes Center, Copenhagen, Denmark
	NO!	Lars Krogvold, Department of Pediatrics, Oslo University Hospital, Oslo, Norway
	<i>Rebuttals and debate</i>	
14:00–15:10	Abstract Presentations (Session III) Lifestyle Interventions and Surgical Outcomes (10 minutes each)	
	<i>Long-Term Effects of Gastric Bypass and Sleeve Gastrectomy in Type 2 Diabetes on Obesity- and Surgery-related Outcomes: A Swedish Matched Cohort Study</i>	Guðrún Höskuldsdóttir, Department of Internal Medicine and Clinical Nutrition, Institute of Medicine, Sahlgrenska Academy, University of Gothenburg, Sweden

<i>Comparing the long-term effects of bariatric surgery and very low energy diet in individuals with type 2 diabetes and obesity</i>	Gudrún Höskuldsdóttir, Department of Internal Medicine and Clinical Nutrition, Institute of Medicine, Sahlgrenska Academy, University of Gothenburg, Sweden
<i>Long-term effects of gastric bypass versus sleeve gastrectomy on hepatic steatosis in individuals with type 2 diabetes: The Oseberg RCT</i>	Jostein Wågen Hauge, Department of Endocrinology, Obesity, and Nutrition, Vestfold Hospital Trust, Tønsberg, Norway, and Institute of clinical medicine, University of Oslo, Oslo, Norway
<i>Reversal of proteomic aging with exercise: Results from the UK biobank and a 12-week intervention study</i>	Sindre Lee-Ødegård, Department of Endocrinology, Morbid obesity and Preventive Medicine Oslo University Hospital, and University of Oslo, Norway
<i>'It has influenced my life in a way greater than just the physical workout' – A preliminary qualitative analysis of a supervised intensive exercise intervention of DIASA-EX study</i>	Pushpanjali Shakya, Department of Endocrinology, Morbid obesity and Preventive Medicine Oslo University Hospital, Oslo, Norway
<i>Effect of a 6-month, low-carbohydrate diet on the circulating fatty acid composition in patients with type 2 diabetes: An open-label randomized controlled trial</i>	Julie Fuglsang, Steno Diabetes Center Odense, Odense, Denmark
<i>High prevalence of type 2 diabetes and the metabolic syndrome among patients with poorly pharmacologically controlled hypertension: baseline characteristics of the MeDiPA study</i>	Ana Sousa, Department of Endocrinology, Morbid obesity and Preventive Medicine Oslo University Hospital, Oslo, Norway
15:10–15:30	Coffee and visit to exhibition

15:30–16:30	Session 4: Modern technology for type 1 diabetes–status and prospects?	Chair: Lars Krogvold, Department of Pediatrics, Oslo University Hospital, Oslo, Norway,
15:30–16:20	Keynote lecture: <i>Closed loop and the road ahead</i>	Roman Hovorka, University of Cambridge Metabolic Research Laboratories and Department of Paediatrics, Cambridge, UK
16:20–16:30	General discussion	
16:30–17:15	The Swedish Child Diabetes Foundation’s Johnny Ludvigsson prize for excellent research in childhood and adolescent diabetes.	Chair: Johnny Ludvigsson, Crown Princess Victoria’s Children’s Hospital, Region Östergötland and Department of Biomedical and Clinical Sciences, Linköping University, Linköping, Sweden
	Prize lecture: <i>Understanding the etiology and pathogenesis of Type 1 Diabetes</i>	Malin Flodström Tullberg, Department of Medicine, Huddinge, Karolinska Institutet, Huddinge, Sweden
17:15–17:45	General Assembly of SSSD. Presentation of next year’s meeting	
19:00	Congress Dinner	

Saturday, August 23

08:30–09:15 **Knud Lundbæk Award: Per Henrik Groop, Department of Medicine, University of Helsinki, Finland**

09:15–10:05 **Abstract Presentations (Session IVa) Epidemiology, Public Health, and Quality of Life (10 minutes each)**

Higher parity is associated with lower likelihood of diabetic complications and mortality in women with type 1 diabetes

**Kaarina Rimpeläinen,
Folkhälsan Research Center, University of Helsinki, Helsinki, Finland**

Parental income and risk of type 1 diabetes

**Lars Christian Stene,
Department of Chronic Diseases and Ageing, Norwegian Institute of Public Health, Oslo, Norway**

Long-term weight change after pregnancy and associations with adiposity measures and cardiometabolic factors at 11-years follow-up in the multi-ethnic population-based STORK Gnoruddalen cohort

**Christin Waage,
Department of General Practice, University of Oslo, Institute of Health and Society**

Validation of algorithms for diabetes classification based on linked register-data in Norway

**Lars Christian Stene,
Department of Chronic Diseases and Ageing, Norwegian Institute of Public Health, Oslo, Norway**

Lower incretin and higher glucagon levels in South Asian vs Nordic women after gestational diabetes mellitus

**Archana Sharma,
Department of Endocrinology, Akershus University Hospital, Lørenskog, Norway**

10:05–10:35 **Coffee and visit to exhibition**

10:35–11:25 **Abstract Presentations (Session IVb) Epidemiology, Public Health, and Quality of Life**

	<i>Sexual health in women with type 1 diabetes – A qualitative study from the ReproDia study</i>	Jesini S. Anurathan, Department of Endocrinology, Morbid obesity and Preventive Medicine Oslo University Hospital, Oslo, Norway
	<i>Optical Coherence Tomography Angiography Assessment of Macular Vessel Density and Foveal Avascular Zone in Type 1 Diabetes</i>	Aleksi Tarkkonen, Department of Radiology, University of Helsinki and Helsinki University Hospital, Helsinki, Finland
	<i>HbA1c and BMI in Swedish children with family history of diabetes.</i>	Emma Hedlund, Department of Clinical Sciences Lund, Lund University, Lund, Sweden and Department of Paediatrics, Kristianstad Central Hospital, Kristianstad, Sweden
	Early life physical activity may decrease the risk of developing Type 1 Diabetes: The longitudinal ABIS study	Noman Sohail, Department of Biomedical and Clinical Sciences, Linköping university
	Variations in Clinical Characteristics and Differences in Phenotype Among Children Diagnosed with Type 1 Diabetes During the COVID-19 Pandemic in Sweden	Elsa Palmkvist, Department of Clinical Sciences, Lund University, Lund Sweden
11:25–12:25	Session 5: Incretin-based treatment for type 2 diabetes and obesity.	Chair: Sindre Lee- Ødegård, Department of Endocrinology, Morbid obesity and Preventive Medicine Oslo University Hospital, and University of Oslo, Oslo, Norway

11:25–11:55	Keynote lecture: <i>Gut hormone-based pharmacology.</i>	Bo Ahrén, Department of Clinical Sciences, Lund University, Lund, Sweden
11:55–12:15	Keynote lecture: <i>Use of incretin mimetics in the Nordic countries.</i>	Frederik Persson, Department of Diabetes Care, Steno Diabetes Research Center, Copenhagen, Denmark
12:15–12:25	General discussion	
12:25–12:35	Presentation of the SSSD Outstanding Presentation Awards followed by closing remarks	
12:35	Departure lunch	